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Part II

Department of Health and Human Services

Centers for Medicare & Medicaid Services

Medicare and Medicaid Programs;
Quarterly Listing of Program Issuances—
July Through September 2009; Notices

DEPARTMENT OF HEALTH AND HUMAN SERVICES**Centers for Medicare & Medicaid Services****[CMS-9056-N]****Medicare and Medicaid Programs; Quarterly Listing of Program Issuances—July Through September 2009****AGENCY:** Centers for Medicare & Medicaid Services (CMS), HHS.**ACTION:** Notice.

SUMMARY: This notice lists CMS manual instructions, substantive and interpretive regulations, and other **Federal Register** notices that were published from July 2009 through September 2009, relating to the Medicare and Medicaid programs. This notice provides information on national coverage determinations (NCDs) affecting specific medical and health care services under Medicare. Additionally, this notice identifies certain devices with investigational device exemption (IDE) numbers approved by the Food and Drug Administration (FDA) that potentially may be covered under Medicare. This notice also includes listings of all approval numbers from the Office of Management and Budget for collections of information in CMS regulations and a list of Medicare-approved carotid stent facilities. Included in this notice is a list of the American College of Cardiology's National Cardiovascular Data registry sites, active CMS coverage-related guidance documents, and special one-time notices regarding national coverage provisions. Also included in this notice is a list of National Oncologic Positron Emissions Tomography Registry sites, a list of Medicare-approved ventricular assist device (destination therapy) facilities, a list of Medicare-approved lung volume reduction surgery facilities, a list of Medicare-approved clinical trials for fluorodeoxyglucose positron emissions tomography for dementia, and a list of Medicare-approved bariatric surgery facilities.

Section 1871(c) of the Social Security Act requires that we publish a list of Medicare issuances in the **Federal Register** at least every 3 months. Although we are not mandated to do so by statute, for the sake of completeness of the listing, and to foster more open and transparent collaboration efforts, we are also including all Medicaid issuances and Medicare and Medicaid substantive and interpretive regulations (proposed and final) published during this 3-month time frame.

FOR FURTHER INFORMATION CONTACT: It is possible that an interested party may need specific information and not be able to determine from the listed information whether the issuance or regulation would fulfill that need. Consequently, we are providing contact persons to answer general questions concerning these items. Copies are not available through the contact persons. (See Section III of this notice for how to obtain listed material.)

Questions concerning CMS manual instructions in Addendum III may be addressed to Ismael Torres, Office of Strategic Operations and Regulatory Affairs, Centers for Medicare & Medicaid Services, C4-26-05, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-1864.

Questions concerning regulation documents published in the **Federal Register** in Addendum IV may be addressed to Gwendolyn Johnson, Office of Strategic Operations and Regulatory Affairs, Centers for Medicare & Medicaid Services, C4-14-03, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-6954.

Questions concerning Medicare NCDs in Addendum V may be addressed to Patricia Brocato-Simons, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-0261.

Questions concerning FDA-approved Category B IDE numbers listed in Addendum VI may be addressed to John Manlove, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-13-04, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-6877.

Questions concerning approval numbers for collections of information in Addendum VII may be addressed to Melissa Musotto, Office of Strategic Operations and Regulatory Affairs, Regulations Development and Issuances Group, Centers for Medicare & Medicaid Services, C5-14-03, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-6962.

Questions concerning Medicare-approved carotid stent facilities in Addendum VIII may be addressed to Sarah J. McClain, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-2994.

Questions concerning Medicare's recognition of the American College of

Cardiology-National Cardiovascular Data Registry sites in Addendum IX may be addressed to JoAnna Baldwin, MS, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-7205.

Questions concerning Medicare's active coverage-related guidance documents in Addendum X may be addressed to Beverly Lofton, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-7136.

Questions concerning one-time notices regarding national coverage provisions in Addendum XI may be addressed to Beverly Lofton, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-7136.

Questions concerning National Oncologic Positron Emission Tomography Registry sites in Addendum XII may be addressed to Stuart Caplan, RN, MAS, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-8564.

Questions concerning Medicare-approved ventricular assist device (destination therapy) facilities in Addendum XIII may be addressed to JoAnna Baldwin, MS, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-7205.

Questions concerning Medicare-approved lung volume reduction surgery facilities listed in Addendum XIV may be addressed to JoAnna Baldwin, MS, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-7205.

Questions concerning Medicare-approved bariatric surgery facilities listed in Addendum XV may be addressed to Kate Tillman, RN, MA, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-9252.

Questions concerning fluorodeoxyglucose positron emission

tomography for dementia trials listed in Addendum XVI may be addressed to Stuart Caplan, RN, MAS, Office of Clinical Standards and Quality, Centers for Medicare & Medicaid Services, C1-09-06, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-8564.

Questions concerning all other information may be addressed to Gwendolyn Johnson, Office of Strategic Operations and Regulatory Affairs, Regulations Development Group, Centers for Medicare & Medicaid Services, C5-14-03, 7500 Security Boulevard, Baltimore, MD 21244-1850, or you can call (410) 786-6954.

SUPPLEMENTARY INFORMATION:

I. Program Issuances

The Centers for Medicare & Medicaid Services (CMS) is responsible for administering the Medicare and Medicaid programs. These programs pay for health care and related services for 39 million Medicare beneficiaries and 35 million Medicaid recipients. Administration of the two programs involves (1) furnishing information to Medicare beneficiaries and Medicaid recipients, health care providers, and the public and (2) maintaining effective communications with regional offices, State governments, State Medicaid agencies, State survey agencies, various providers of health care, all Medicare contractors that process claims and pay bills, and others. To implement the various statutes on which the programs are based, we issue regulations under the authority granted to the Secretary of the Department of Health and Human Services under sections 1102, 1871, 1902, and related provisions of the Social Security Act (the Act). We also issue various manuals, memoranda, and statements necessary to administer the programs efficiently.

Section 1871(c)(1) of the Act requires that we publish a list of all Medicare manual instructions, interpretive rules, statements of policy, and guidelines of general applicability not issued as regulations at least every 3 months in the **Federal Register**. We published our first notice June 9, 1988 (53 FR 21730). Although we are not mandated to do so by statute, for the sake of completeness of the listing of operational and policy statements, and to foster more open and transparent collaboration, we are continuing our practice of including Medicare substantive and interpretive regulations (proposed and final) published during the respective 3-month time frame.

II. How To Use the Addenda

This notice is organized so that a reader may review the subjects of manual issuances, memoranda, substantive and interpretive regulations, NCDs, and FDA-approved IDEs published during the subject quarter to determine whether any are of particular interest. We expect this notice to be used in concert with previously published notices. Those unfamiliar with a description of our Medicare manuals may wish to review Table I of our first three notices (53 FR 21730, 53 FR 36891, and 53 FR 50577) published in 1988, and the notice published March 31, 1993 (58 FR 16837). Those desiring information on the Medicare NCD Manual (NCDM, formerly the Medicare Coverage Issues Manual (CIM)) may wish to review the August 21, 1989, publication (54 FR 34555). Those interested in the revised process used in making NCDs under the Medicare program may review the September 26, 2003 publication (68 FR 55634).

To aid the reader, we have organized and divided this current listing into 11 addenda:

- Addendum I lists the publication dates of the most recent quarterly listings of program issuances.
- Addendum II identifies previous **Federal Register** documents that contain a description of all previously published CMS Medicare and Medicaid manuals and memoranda.
- Addendum III lists a unique CMS transmittal number for each instruction in our manuals or Program Memoranda and its subject matter. A transmittal may consist of a single or multiple instruction(s). Often, it is necessary to use information in a transmittal in conjunction with information currently in the manuals.
- Addendum IV lists all substantive and interpretive Medicare and Medicaid regulations and general notices published in the **Federal Register** during the quarter covered by this notice. For each item, we list the—
 - Date published;
 - **Federal Register** citation;
 - Parts of the Code of Federal Regulations (CFR) that have changed (if applicable);
 - Agency file code number; and
 - Title of the regulation.
- Addendum V includes completed NCDs, or reconsiderations of completed NCDs, from the quarter covered by this notice. Completed decisions are identified by the section of the NCDM in which the decision appears, the title, the date the publication was issued, and the effective date of the decision.
- Addendum VI includes listings of the FDA-approved IDE categorizations,

using the IDE numbers the FDA assigns. The listings are organized according to the categories to which the device numbers are assigned (that is, Category A or Category B), and identified by the IDE number.

- Addendum VII includes listings of all approval numbers from the Office of Management and Budget (OMB) for collections of information in CMS regulations in title 42; title 45, subchapter C; and title 20 of the CFR.

- Addendum VIII includes listings of Medicare-approved carotid stent facilities. All facilities listed meet CMS standards for performing carotid artery stenting for high risk patients.

- Addendum IX includes a list of the American College of Cardiology's National Cardiovascular Data registry sites. We cover implantable cardioverter defibrillators (ICDs) for certain indications, as long as information about the procedures is reported to a central registry.

- Addendum X includes a list of active CMS guidance documents. As required by section 731 of the Medicare Prescription Drug, Improvement, and Modernization Act of 2003 (MMA) (Pub. L. 108-173, enacted on December 8, 2003), we will begin listing the current versions of our guidance documents in each quarterly listings notice.

- Addendum XI includes a list of special one-time notices regarding national coverage provisions. We are republishing a list of issues that require public notification, such as a particular clinical trial or research study that qualifies for Medicare coverage.

- Addendum XII includes a listing of National Oncologic Positron Emission Tomography Registry (NOPR) sites. We cover positron emission tomography (PET) scans for particular oncologic indications when they are performed in a facility that participates in the NOPR.

- Addendum XIII includes a listing of Medicare-approved facilities that receive coverage for ventricular assist devices used as destination therapy. All facilities were required to meet our standards in order to receive coverage for ventricular assist devices implanted as destination therapy.

- Addendum XIV includes a listing of Medicare-approved facilities that are eligible to receive coverage for lung volume reduction surgery. Until May 17, 2007, facilities that participated in the National Emphysema Treatment Trial are also eligible to receive coverage.

- Addendum XV includes a listing of Medicare-approved facilities that meet minimum standards for facilities modeled in part on professional society statements on competency. All facilities

must meet our standards in order to receive coverage for bariatric surgery procedures.

- Addendum XVI includes a listing of Medicare-approved clinical trials for fluorodeoxyglucose positron emission tomography (FDG-PET) for dementia and neurodegenerative diseases.

III. How To Obtain Listed Material

A. Manuals

Those wishing to subscribe to program manuals should contact either the Government Printing Office (GPO) or the National Technical Information Service (NTIS) at the following addresses: Superintendent of Documents, Government Printing Office, ATTN: New Orders, P.O. Box 371954, Pittsburgh, PA 15250-7954, Telephone (202) 512-1800, Fax number (202) 512-2250 (for credit card orders); or National Technical Information Service, Department of Commerce, 5825 Port Royal Road, Springfield, VA 22161, Telephone (703) 487-4630.

In addition, individual manual transmittals and Program Memoranda listed in this notice can be purchased from NTIS. Interested parties should identify the transmittal(s) they want. GPO or NTIS can give complete details on how to obtain the publications they sell. Additionally, most manuals are available at the following Internet address: <http://cms.hhs.gov/manuals/default.asp>.

B. Regulations and Notices

Regulations and notices are published in the daily **Federal Register**. Interested individuals may purchase individual copies or subscribe to the **Federal Register** by contacting the GPO at the address given above. When ordering individual copies, it is necessary to cite either the date of publication or the volume number and page number.

The **Federal Register** is also available on 24x microfiche and as an online database through *GPO Access*. The online database is updated by 6 a.m. each day the **Federal Register** is published. The database includes both text and graphics from Volume 59, Number 1 (January 2, 1994) forward. Free public access is available on a Wide Area Information Server (WAIS) through the Internet and via asynchronous dial-in. Internet users can

access the database by using the World Wide Web; the Superintendent of Documents home page address is <http://www.gpoaccess.gov/fr/index.html>, by using local WAIS client software, or by telnet to swais.gpoaccess.gov, then log in as guest (no password required). Dial-in users should use communications software and modem to call (202) 512-1661; type swais, then log in as guest (no password required).

C. Rulings

We publish rulings on an infrequent basis. CMS Rulings are decisions of the Administrator that serve as precedent final opinions and orders and statements of policy and interpretation. They provide clarification and interpretation of complex or ambiguous provisions of the law or regulations relating to Medicare, Medicaid, Utilization and Quality Control Peer Review, private health insurance, and related matters. Interested individuals can obtain copies from the nearest CMS Regional Office or review them at the nearest regional depository library. We have, on occasion, published rulings in the **Federal Register**. Rulings, beginning with those released in 1995, are available online, through the CMS Home Page. The Internet address is <http://cms.hhs.gov/rulings>.

D. CMS' Compact Disk-Read Only Memory (CD-ROM)

Our laws, regulations, and manuals are also available on CD-ROM and may be purchased from GPO or NTIS on a subscription or single copy basis. The Superintendent of Documents list ID is HCLRM, and the stock number is 717-139-00000-3. The following material is on the CD-ROM disk:

- Titles XI, XVIII, and XIX of the Act.
- CMS-related regulations.
- CMS manuals and monthly revisions.

The titles of the Compilation of the Social Security Laws are current as of January 1, 2005. (Updated titles of the Social Security Laws are available on the Internet at http://www.ssa.gov/OP_Home/ssact/comp-toc.htm.) The remaining portions of CD-ROM are updated on a monthly basis.

Because of complaints about the unreadability of the Appendices

(Interpretive Guidelines) in the State Operations Manual (SOM), as of March 1995, we deleted these appendices from CD-ROM. We intend to re-visit this issue in the near future and, with the aid of newer technology, we may again be able to include the appendices on CD-ROM.

Any cost report forms incorporated in the manuals are included on the CD-ROM disk as LOTUS files. LOTUS software is needed to view the reports once the files have been copied to a personal computer disk.

IV. How To Review Listed Material

Transmittals or Program Memoranda can be reviewed at a local Federal Depository Library (FDL). Under the FDL program, government publications are sent to approximately 1,400 designated libraries throughout the United States. Some FDLs may have arrangements to transfer material to a local library not designated as an FDL. Contact any library to locate the nearest FDL.

In addition, individuals may contact regional depository libraries that receive and retain at least one copy of most Federal Government publications, either in printed or microfilm form, for use by the general public. These libraries provide reference services and interlibrary loans; however, they are not sales outlets. Individuals may obtain information about the location of the nearest regional depository library from any library.

For each CMS publication listed in Addendum III, CMS publication and transmittal numbers are shown. To help FDLs locate the materials, use the CMS publication and transmittal numbers. For example, to find the Medicare Benefit Policy publication titled "Sleep Testing for Obstructive Sleep Apnea (OSA)," use CMS-Pub. 100-03, Transmittal No. 103.

(Catalog of Federal Domestic Assistance Program No. 93.773, Medicare—Hospital Insurance, Program No. 93.774, Medicare—Supplementary Medical Insurance Program, and Program No. 93.714, Medical Assistance Program)

Dated: December 2, 2009.

Jacquelyn Y. White,
Director, Office of Strategic Operations and
Regulatory Affairs.

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Addendum I

This addendum lists the publication dates of the most recent quarterly listings of program issuances.

September 28, 2007 (72 FR 55282)

December 28, 2007 (72 FR 73990)

April 1, 2008 (73 FR 17422)

June 27, 2008 (73 FR 36596)

September 26, 2008 (73 FR 55902)

December 30, 2008 (73 FR 79982)

March 27, 2009 (74 FR 13516)

June 26, 2009 (74 FR 30689)

September 25, 2009 (74 FR 49076)

Addendum II—Description of Manuals, Memoranda, and CMS Rulings

An extensive descriptive listing of Medicare manuals and memoranda was published on June 9, 1988, at 53 FR 21730 and supplemented on September 22, 1988, at 53 FR 36891 and December 16, 1988, at 53 FR 50577. Also, a complete description of the former CIM (now the NCDM) was published on August 21, 1989, at 54 FR 34555. A brief description of the various Medicaid manuals and memoranda that we maintain was published on October 16, 1992, at 57 FR 47468.

ADDENDUM III
Medicare and Medicaid Manual Instructions
July Through September 2009

Transmittal No.	Manual/Subject/Publication Number
	Medicare General Information (CMS-Pub. 100-01)
	Medicare Benefit Policy (CMS-Pub. 100-02)
108	New Reporting Requirements for the Quarterly Opt Out Report in Contractor Reporting of Operational Workload Data
109	Diabetes Self-Management Training Certified Diabetic Educator Certified Providers
110	Claims Submitted for Items or Services Furnished to Medicare Beneficiaries in State or Local Custody Under a Penal Authority and Examples of Application of Government Entity Exclusion
111	Comprehensive Outpatient Rehabilitation Facility Services Comprehensive Outpatient Rehabilitation Facility Services Provided by Medicare Required Services Optional CORF Services Rules for Provision of Services Rules for Payment of CORF Services Physician Services Physical Therapy Services Occupational Therapy Services Speech-Language Pathology Services Respiratory Therapy Services Prosthetic and Orthotic Devices and Supplies Social and/or Psychological Services Nursing Services Drugs and Biologicals Home Environment Evaluation Vaccines

**Medicare National Coverage Determination
(CMS-Pub. 100-03)**

- 102 Wrong Surgical or Other Invasive Procedure Performed on a Patient;
Surgical or Other Invasive Procedure Performed on the Wrong Body Part;
Surgical or Other Invasive Procedure Performed on the Wrong Patient
Wrong Surgical or Other Procedure Performed on Patient
(Effective January 15, 2009)
Surgical or Other Invasive Procedure Performed on the Wrong Body Part
(Effective January 15, 2009)
- 103 Sleep Testing for Obstructive Sleep Apnea (OSA)
Sleep Testing for Obstructive Sleep Apnea (OSA) (Effective March 3, 2009)
- 104 FDG PET for Solid Tumors and Myeloma and Additional Manual Updates
Positron Emission Tomography (PET) Scans (Effective April 6, 2009)
PET for Perfusion of the Heart (Various Effective)
FDG PET for Lung Cancer
FDG PET for Esophageal Cancer
FDG PET for Colorectal Cancer
FDG PET for Lymphoma
FDG PET for Melanoma
FDG PET for Head and Neck Cancers
FDG PET for Refractory Seizures (Effective July 1, 2001)
FDG PET for Breast Cancer
FDG PET for Thyroid Cancer
FDG PET for Soft Tissue Sarcoma
FDG PET for Dementia and Neurodegenerative Diseases
FDG PET for Brain, Cervical, Ovarian, Pancreatic, Small Cell Lung, and
Testicular Cancers
FDG PET for All Other Cancer Indications Not Previously Specified
Positron Emission Tomography for Oncologic Conditions
- 105 Screening Computed Tomography Colonography (CTC) for Colorectal
Cancer
Colorectal Cancer Screening Tests
- 106 FDG PET for Solid Tumors and Myeloma
Positron Emission Tomography Scans
PET for Perfusion of the Heart (Various Effective Dates)
FDG PET for Refractory Seizures (Effective July 1, 2001)
FDG PET for Dementia and Neurodegenerative Diseases (Effective
September 15, 2004)

Positron Emission Tomography for Oncologic Conditions

**Medicare Claims Processing
(CMS-Pub. 100-04)**

- 1762 Appeals Revisions
CMS Decisions Subject to the Administrative Appeals Process
Who May Appeal
Steps in the Appeals Process: Overview
Appointment of Representative
How to Make and Revoke an Appointment
Letter Format
Multiple Beneficiaries
Filing a Request for Redetermination
Time Limit for Filing a Request for Redetermination
The Redetermination
Dismissals
Dismissal Letters
Model Dismissal Notices
Medicare Redetermination Notice (for partly or fully unfavorable redetermination)
Medicare Redetermination Notice (for full favorable redeterminations)
Effect of the Redetermination
Filing a Request for a Request
Contractor Responsibilities – General
Tracking Cases
Effectuation Time Limits & Responsibilities
- 1763 ESRD: Placement of a List of Diagnostic Tests that are Considered End-Stage Renal Disease
Billing for ESRD Related Laboratory Tests
Automated Multi-Channel Chemistry Tests for ESRD Beneficiaries – FIs
Skilled Nursing Facility Consolidated Billing Editing and Separately Billed ESRD Laboratory Test Furnished to Patients of Renal Dialysis Facilities
Negotiated Rulemaking Implementations
List of Diagnostic Tests that are Considered End-Stage Renal Disease (ESRD)
- 1764 Wrong Surgical or Other Invasive Procedure Performed on a Patient;
Surgical or Other Invasive Procedure Performed on the Wrong Body Part;
Surgical or Other Invasive Procedure Performed on the Wrong Patient
Billing Wrong Surgical or Other Invasive Procedures Performed on a Patient,
Surgical or Other Invasive Procedures Performed on the Wrong Body Part, and
Surgical or Other Invasive Procedures Performed on the

- Wrong Patient
- 1765 2009 Durable Medical Equipment Prosthetics, Orthotics, and Supply
Healthcare Common Procedure Coding System (HCPCS) Code
Jurisdiction List
- 1766 Changes to the Laboratory National Coverage Determination (NCD)
Edit Software for October 2009
- 1767 IOM Chapter 25 Revenue Code 076X Description Change
Form Locator 42
- 1768 Update to Pub 100-04, Chapter 24, Section 40.7 of the Claims
Processing Manual
Electronic Funds Transfer (EFT)
- 1769 ESRD: Placement of a List of Diagnostic Tests that are Considered End-Stage
Renal Disease (ESRD)
Billing for ESRD Related Laboratory Tests
Automated Multi-Channel Chemistry (AMCC) Tests for ESRD
Beneficiaries – FIs
Skilled Nursing Facility (SNF) Consolidated Billing (CB) Editing and
Separately Billed ESRD Laboratory Test Furnished to Patients of
Renal Dialysis Facilities
- 1770 Medicare Contractor Annual Update of the International Classification
of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM)
- 1771 Interest Payment on Clean Non-PIP Claims Not Paid Timely
Interest Payment on Clean Non-PIP Claims Not Paid Timely
- 1772 FDG PET for Solid Tumors and Myeloma and Additional Manual
Updates
Positron Emission Tomography Scans - General Information
Billing Requirements for CMS-Approved Clinical Trial and Coverage
With Evidence Development Claims for PET Scans for PET Scans for
Neurodegenerative Diseases, Previously Specified Cancer Indications, and All Other
Cancer Indications Not Previously Specified Billing and Coverage Changes for PET
Scans Effective for Services on or After April 6, 2009
- 1773 Revised Processing of Osteoporosis Drugs Under the Home Health Benefit
- 1774 The Supplemental Security Income (SSI) Medicare Beneficiary Data for
Fiscal Year 2007 for Inpatient Prospective Payment System (IPPS) Hospitals,
Inpatient Rehabilitation Facilities (IRFs), and Long-Term Care Hospitals (LTCHs)
- 1775 Point of Origin Codes Update to the UB-04 (CMS-1450) Manual Code List
Form Locators 1-15
- 1776 Telehealth Services in Indian Health Service or Tribal Providers
Overview of Medicare Part B Services
FI - Medicare Part B Services Paid Under Various Fee Schedules

- FI - Inpatient Ancillary Services - Medicare Part B - Claims Processing
Outpatient - Medicare Part B - Claims Processing
CAH Ancillary Services - Medicare Part B - Claims Processing
CAH Outpatient - Medicare Part B - Claims Processing
Payment for Telehealth Services to Indian Health Service/Tribal
Facilities and Practitioners
FI - Telehealth Originating Site Facility Fee - Medicare Part B - Payment
FI - Telehealth Originating Site Facility Fee - Medicare Part B -
Claims Processing
FI - Payment for Distant Site Practitioner Services
- 1780 Update-Inpatient Psychiatric Facilities Prospective Payment System Rate Year
- 1781 Payment for Co-Surgeons in a Method II Critical Access Hospital
Coding Co-Surgeon Services Rendered in a Method II CAH
Use of Payment Policy Indicators for Determining Procedures Eligible for Payment of
Co-Surgeons
Payment of Co-Surgeon Services Rendered in a Method II CAH
Co-Surgeon Medicare Summary Notice and Remittance Advice Messages
Review of Supporting Documentation for Co-Surgeon Services in a Method II CAH
- 1782 Section 148 of The Medicare Improvements for Patients and Providers Act (MIPPA)
Clinical Diagnostic Laboratory Tests Furnished by CAHs
Hospital and Skilled Nursing Facility (SNF) Patients
General Explanation of Payment
Method of Payment for Clinical Laboratory Tests - Place of Service Variation
Hospital Billing Under Part B
Critical Access Hospital (CAH) Outpatient Laboratory Service
- 1784 The Use of the CR Modifier and DR Condition Code on Disaster/Emergency-Related
Claims
Emergency Preparedness Fee-For-Service Guidance
Foreword
Use of the CR Modifier and DR Condition Code on Disaster/Emergency-Related
Claims
- 1785 Quarterly Update to Correct Coding Initiative Edits, Version 15.3, Effective
October 1, 2009
- 1786 Appropriate Use of Modifier 50 and Add-On Codes for Facet Joint Injections Services
- 1787 Fractional Mileage Amounts Submitted on Ambulance Claims
Coding Instructions for Paper and Electronic Claim Forms
Items 14-33 - Provider of Service or Supplier Information
- 1788 Issued to a specific audience, not posted to Internet/Intranet due to
Confidentiality of Instruction
- 1789 2010 Annual Update for the Health Professional Shortage Area (HPSA) Bonus

- Payments
- 1790 Clinical Laboratory Fee Schedule - Medicare Travel Allowance Fees for Collection of Specimens
- 1791 Issued to a specific audience, not posted to Internet/Intranet due to Confidential Instruction
- 1792 Instructions for Downloading the Medicare ZIP Code Files for January 2010
- 1793 Revision to the Selection Criteria for Recovery Audit Contractor (RAC) Adjustment Crossover Claims and for Fully Reimbursable Part B Claims Consolidated Claims Crossover Process
Claims Crossover Disposition and Coordination of Benefits
Agreement By-Pass Indicators
Inclusion and Exclusion of Specified Categories of Adjustment
Claims for Coordination of Benefits Agreement (COBA) Crossover Purposes
- 1794 Healthcare Provider Taxonomy Codes Update October 2009
- 1795 October 2009 Quarterly Average Sales Price Medicare Part B
Drug Pricing Files and Revisions to Prior Quarterly Pricing File
- 1796 Update to the Hospice Payment Rates, Hospice Cap, Hospice Wage Index, and the Hospice Pricer for FY 2010
- 1797 Claim Status Category Code and Claim Status Code Update
- 1798 Indian Health Service Hospital Payment Rates for Calendar Year 2009
- 1799 New Waived Tests
- 1800 Issued to a specific audience, not posted to internet/Intranet due to Sensitivity of Instruction
- 1801 October Update to the 2009 Medicare Physician Fee Schedule Database (MPFSDB)
- 1802 Expansion of the Number of Services Fields in Medicare Summary Notices (MSNs)
- 1803 October 2009 Update of the Hospital Outpatient Prospective Payment System
Background
Policy and Billing Instructions for Condition Code 44
- 1804 Claim Adjustment Reason Code Remittance Advice Remark
Code and Medicare Remit Easy Print Update
- 1805 Addition/Deletion of HCPCS Codes— October 2009 Quarterly Update
- 1806 October 2009 Update to the Ambulatory Surgical Center Payment System;
Summary of Payment Policy Changes
Place of Service Codes and Definitions
- 1807 Medicare Part A Skilled Nursing Facility Prospective Payment System Pricer Update
FY 2010
- 1808 Inpatient Rehabilitation Facility Annual Update: Prospective Payment System Pricer
Changes for FY 2010
Payment Provisions Under IRF PPS
- 1809 October 2009 Integrated Outpatient Code Editor (I/OCE) Specifications Version 10.3

- 1810 October Update to the 2009 Medicare Physician Fee Schedule Database
- 1811 Verification of Status for all Hospitals Qualifying for Disproportionate Share Hospital Payments under 42 CFR Section 412.106(c)(2), Also Known as the "Pickle Amendment"
Additional Payment Amounts for Hospitals with Disproportionate Share of Low-Income Patients
- 1812 Claims Submitted for Items or Services Furnished to Medicare Beneficiaries in State or Local Custody Under a Penal Authority and Examples of Application of Government Entity Exclusion
Claims Submitted for Items or Services Furnished to Medicare Beneficiaries in State or Local Custody Under a Penal Authority
- 1813 2010 Healthcare Common Procedure Coding System
Annual Update Reminder
- 1814 Annual Update of Healthcare Common Procedure Code System
Codes for Skilled Nursing Facility Consolidated Billing Update
- 1816 Fiscal Year (FY) 2010 Inpatient Prospective Payment System (IPPS) Long Term Care Hospital (LTCH) PPS, and Inpatient Psychiatric Facility (IPF) PPS Changes
Hospital Operating Payments Under PPS
Threshold and Marginal Cost
Medicare Code Editor (MCE)
Disproportionate Share Hospital (DSH) Policy Changes Effective for Cost Reporting Periods Beginning On or After October 1, 2009
Criteria and Payment for Sole Community Hospitals and for Medicare Dependent Hospitals
Outpatient Services Treated as Inpatient Services
The Standard Kidney Acquisition Charge
Heart Transplants
Billing for Liver Transplant and Acquisition Services
Pancreas Transplants Kidney Transplants
Pancreas Transplants Alone (PA)
Intestinal and Multi-Visceral Transplants
Replaced Devices Offered Without Cost or With a Credit
Shared Systems and Edits
Payments for Special Cases
Payment Policy for Co-Located Providers
Billing Wrong Surgical or Other Invasive Procedures Performed on a Patient, Surgical or Other Invasive Procedures Performed on the Wrong Body Part, and Surgical or Other Invasive Procedures Performed on the Wrong Patient
- 1817 FDG PET for Solid Tumors and Myeloma
Positron Emission Tomography Scans - General Information

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Billing and Coverage Changes for PET Scans Effective for Services On or After April 6, 2009

- 1818 Revised Processing of Osteoporosis Drugs Under the Home Health Benefit Medical and Other Health Services Not Covered Under the Plan of Care (Bill Type 34X)
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- 1819 Wrong Surgical or Other Invasive Procedure Performed on a Patient; Surgical or Other Invasive Procedure Performed on the Wrong Body Part; Surgical or Other Invasive Procedure Performed on the Wrong Patient
- 1820 Maintenance and Update of the Temporary Hook Created to Hold OPPS Claims that Include Certain Drug HCPCS Codes
- 1821 Billing for an Ambulance Transport with More Than One Patient Onboard
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(CMS-Pub. 100-05)**

- 00 None

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(CMS-Pub. 100-06)**

- 155 New Reporting Requirements for the Quarterly Opt Out Report in Contractor Reporting of Operational Workload Data (CROWD)
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- 50 Revisions to Chapter 5, "Complaint Procedures"
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 DUA Disclosure Tracking Addendum/Release of Hospital Restraint/Seclusion
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- 51 Revisions to Appendix PP – "Interpretive Guidelines for Long-Term Care
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- 52 Revisions to Appendix PP – "Interpretive Guidelines for Long-Term Care
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 (CMS-Pub. 100-08)**

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- 298 Issued to a specific audience, not posted to Internet/Intranet due to

- Confidentiality of Instruction
- 299 Updates to Model Rejection, Returned Application, Revalidation, Approval, Denial/Revocation Letters and Identity Theft Prevention Letter
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Model Approval Letter for Initial Enrollment
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Model Revocation Letter for OIG Sanctioned Provider/Suppliers
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- 302 Local Coverage Determinations Exceptions
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- 303 Local Coverage Determinations Exceptions
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- 304 Inter-Contractor Communication and Provider Enrollment Revocations
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(CMS-Pub. 100-09)**

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Congressional Inquiries Timeliness
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Inquiry Tracking Data to Be Reported in PCID.
Requests for Information Available on the Remittance Advice
Authentication of Beneficiary Elements
Provider Inquiry Standardized Categories

**Medicare End-Stage Renal
Disease Network Organizations
(CMS-Pub 100-14)**

00 None

**Medicare Managed Care
(CMS-Pub. 100-16)**

91 Chapter 3, "Medicare Marketing Guidelines"
Medicare Marketing Guidelines

**Medicare Business Partners Systems Security
(CMS-Pub. 100-17)**

10 Business Partners Systems Security Manual
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Additional Requirements for MACs
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 POAandM Package Components/Submission Format
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 Security Technical Implementation Guides (STIG)
 DHHS Federal Desktop Core Configuration (FDCC) Standard
 National Institute of Standards and Technology (NIST)
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Demonstrations
(CMS-Pub. 100-19)

00 None

One Time Notification
(CMS-Pub. 100-20)

511 Standard Paper Remittance (SPR) Update for Health Insurance Portability
 and Accountability Act (HIPAA) Version 005010
 512 Implementation of the Health Insurance Portability and Accountability Act
 Version 005010 Common Edits and Enhancements Module – ICN

- Generator (for MCS ONLY)
- 513 Coding and Reporting Principles for the Physician Quality Reporting Initiative (PQRI) and the Electronic Prescribing (E-Prescribing) Incentive Programs
- 514 Implementation of the Health Insurance Portability and Accountability Act Version 005010 Common Edits and Enhancements Module -File preparation (for MCS ONLY)
- 515 Reminder for Roster Billing and Centralized Billing for Influenza and Pneumococcal Vaccinations
- 516 Implementation of the Health Insurance Portability and Accountability Act Version 005010 837 Institutional (837I) Edits
- 517 System Network Architecture Requirements for New CMS-Net Wide Area Network
- 518 Implementation of the Health Insurance Portability and Accountability Act Version 005010 837 Professional (837P) Edits
- 519 Implementation of the Health Care Claim Status Inquiry and Response (276/277) Version 005010 - Durable Medical Equipment (DME) Shared System Change
- 520 Annual Systematic Synchronization of Medicare Participating Physician or Supplier Agreement (PAR) Status Between the Multi Carrier System Provider Enrollment, Chain and Ownership System
- 521 Modifications to the National Coordination of Benefits Agreement (COBA) Crossover Process
- 522 Migrating the CMS Medicare Data Communication Network (MDCN) to the New Multi Protocol Label Switching (MPLS)
- 525 Phase 2 Base System Changes for Implementation of the Next Version of the Health Insurance Portability and Accountability Act (HIPAA) Multi Carrier System Only
- 526 Appropriate Use of Modifier 50 and Add-On Codes for Facet Joint Injections Services
- 527 Program Instructions Designating the Competitive Bidding Areas and Product Categories Included in the DMEPOS Competitive Bidding Program Round One Rebid in CY 2009
- 528 New Workload Number for and Transition of the Part A Louisiana and Mississippi Workloads to PBSI, an Existing Title XVIII Fiscal Intermediary
- 529 Issued to a specific audience, not posted to internet/Intranet due to Sensitivity of Instruction
- 530 Update Fiscal Intermediary Standard System to Deactivate Billing Numbers for Non-Frequent Billers
- 531 Additional Instructions on Processing Claims for Durable Medical Equipment, Prosthetics, Orthotics and Supplies Items Submitted Under the Guidelines

- Established in Change Request 5917
- 532 Deactivation Letter for the Multi-Carrier System
- 533 Phase 2 Base System Changes for Implementation of the Next Version of the Health Insurance Portability and Accountability Act - Viable Medicare System Only
- 534 Issued to a specific audience, not posted to Internet/Intranet due to Sensitivity of Instruction
- 535 Part B Organizational Supplier Enrollment Revalidation
- 536 Part B Individual Practitioner Supplier Enrollment Revalidation
- 537 5010-D.0 Project Receipt, Control and Balancing Initial Phase for A/B Medicare Administrative Contractor Only
- 538 PC Print Update for ASC X12 835 Version 005010
- 539 Medicare Part B Slide Preparation Facility Supplier enrollment Revalidation
- 540 5010-D.0 Project Receipt, Control and Balancing Initial Phase for Durable Medical Equipment Only
- 541 Implementation of the Health Insurance Portability and Accountability Act Version 005010 837 Institutional (837I) Edits for J10 and J14 Only
- 542 Skilled Nursing Facility Provider Enrollment Revalidation
- 543 Implementation of the Health Insurance Portability and Accountability Act Version 005010 837 Professional (837P) Edits Medicare Administrative Contractor - Jurisdictions 10 and 14 Only
- 544 Medicare Administrative Contractor Transition and Outbound Health Insurance Portability and Accountability Act Transactions
- 545 5010-D.0 Project Healthcare Claims Acknowledgement 277CA Generator (FISS and MCS ONLY)
- 546 Ambulatory Surgical Center Payment Indicator (ASCPD) File Error; and Reiteration of CMS Policy Regarding Beneficiary Liability for V2787 and V2788
- 547 Issued to specific audience, not posted to Internet/Intranet due to Confidentiality of Instruction
- 548 HIPAA 5010 Activity - Medicare Administrative Contractor Certification-Test Package Development
- 549 Implementation of the Health Insurance Portability and Accountability Act Version 5010 - MAC Jurisdictions 10 and 14 Only
- 550 Implementation of Health Insurance Portability and Accountability Act of 1996 Version 5010 for Transaction 835 - Health Care Claim Payment/Advice and Updated Standard Paper Remit (SPR)
- 551 Creation of Receipt Date for Multi-Carrier System
- 552 Implementation of the Health Insurance Portability and Accountability Act Version 005010 Common Edits and Enhancements Module File Preparation

- (for FISS Only)
- 553 New Workload Number for and Transition of the Part A Louisiana and Mississippi Workloads to PBSI, an Existing Title XVIII Fiscal Intermediary
- 554 Implementation of the Health Insurance Portability and Accountability Act Version 005010 Common Edits and Enhancements Module –File preparation (for MCS ONLY)
- 555 Implementation of the Health Insurance Portability and Accountability Act Version 005010 Common Edits and Enhancements Module –File preparation
- 556 Part B Organizational Supplier Enrollment Revalidation
- 557 Part B Individual Practitioner Supplier Enrollment Revalidation
- 558 Skilled Nursing Facility Provider Enrollment Revalidation
- 559 Version 005010 Inbound 837 Institutional (837I) and Inbound 837 Professional (837P) Flat Files Implementation
- 560 HIPAA 5010 Activity - Medicare Administrative Contractor (MAC) Certification Test Package Development
- 561 Implementation of a File-Based RAC Mass Adjustment Process in MCS
- 562 Activation of New Coordination of Benefits Agreement Trading Partner Dispute Error Code Within the National Crossover Process
- 563 Allow Zoned Program Integrity Contractor (ZPIC) to Access Durable Medical Equipment Medicare Administrative Contractor (DME MAC) by ZPIC Zone

**Addendum IV—Regulation Documents Published in the Federal Register
July Through September 2009**

Publication Date	FR Vol. 74 Page Number	42 CFR Parts Affected	File Code	Title of Regulation
July 6, 2009	31964	-----	CMS-1412-N	Medicare Program; Second Semi-Annual Meeting of the Advisory Panel on Ambulatory Payment Classification Groups—August 5-7, 2009.
July 13, 2009	33403	410, 411, 414, 415, and 485	CMS-1413-CN	Medicare Program; Payment Policies Under the Physician Fee Schedule and Other Revisions to Part B for CY 2010; Correction.
July 13, 2009	33520	410, 411, 414, 415, and 485	CMS-1413-P	Medicare Program; Payment Policies Under the Physician Fee Schedule and Other Revisions to Part B for CY 2010.
July 15, 2009	34468	431, 447, and 457	CMS-6150-P	Medicaid and Children's Health Insurance Program (CHIP); Revisions to the Medicaid Eligibility Quality Control and Payment Error Rate Measurement Programs.
July 20, 2009	35232	410, 416, and 419	CMS-1414-P	Medicare Program; Proposed Changes to the Hospital Outpatient Prospective Payment System and CY 2010 Payment Rates; Proposed Changes to the Ambulatory Surgical Center Payment System and CY 2010 Payment Rates.

July 24, 2009	36720	-----	CMS-2305-PN	Medicare and Medicaid Programs; Application of the Accreditation Commission for Health Care for Deeming Authority for Hospices.
July 24, 2009	36722	-----	CMS-5050-N	Medicare and Medicaid Programs; Resolicitation of Proposals for the Private, For-Profit Demonstration Project for the Program of All-Inclusive Care for the Elderly (PACE) and Announcement of Closing Date.
July 24, 2009	36723	-----	CMS-1415-N	Medicare Program; Announcement of Five New Members to the Advisory Panel on Ambulatory Payment Classification Groups.
July 24, 2009	36724	-----	CMS-1564-N	Medicare Program; Request for Nominations and Meeting of the Practicing Physicians Advisory Council, August 31, 2009.
August 5, 2009	39032	410, 411, 414, 415, and 485	CMS-1413-CN2	Medicare Program; Payment Policies Under the Physician Fee Schedule and Other Revisions to Part B for CY 2010; Correction.
August 6, 2009	39329	-----	CMS-1495-CN	Medicare Program; Inpatient Psychiatric Facilities Prospective Payment System Payment Update for Rate Year Beginning July 1, 2009 (RY 2010); Correction.

August 6, 2009	39384	405 and 418	CMS-1420-F	Medicare Program; Hospice Wage Index for Fiscal Year 2010.
August 6, 2009	39436	409, 424, 484, and 489	CMS-1560-P	Medicare Program; Home Health Prospective Payment System Rate Update for Calendar Year 2010.
August 7, 2009	39762	412	CMS-1538-F	Medicare Program; Inpatient Rehabilitation Facility Prospective Payment System for Federal Fiscal Year 2010.
August 11, 2009	40288	483	CMS-1410-F	Medicare Program; Prospective Payment System and Consolidated Billing for Skilled Nursing Facilities for FY 2010; Minimum Data Set, Version 3.0 for Skilled Nursing Facilities and Medicaid Nursing Facilities.
August 26, 2009	43087	410, 411, 414, 415, 485, and 489	CMS-9061-N	Electronic Public Comment Transmission Error for Two Medicare Program Rules.
August 27, 2009	43754	412, 413, 415, 485, and 489	CMS-1406-FC	Medicare Program; Changes to the Hospital Inpatient Prospective Payment Systems for Acute Care Hospitals and Fiscal Year 2010 Rates; and Changes to the Long-Term Care Hospital Prospective Payment System and Rate Years 2010 and 2009 Rates.

August 28, 2009	44370	-----	CMS-2299-FN	Medicare and Medicaid Programs; Application of the American Osteopathic Association for Continued Deeming Authority for Hospitals.
August 28, 2009	44371	-----	CMS-7016-N	Medicare Program; Request for Nominations for the Advisory Panel on Medicare Education.
August 28, 2009	44373	-----	CMS-3214-N	Medicare Program; Meeting of the Medicare Evidence Development and Coverage Advisory Committee— October 21, 2009.
September 16, 2009	47458	405	CMS-6025-F	Medicare Program; Limitation on Recoupment of Provider and Supplier Overpayments.
September 16, 2009	47517	457	CMS-2291-P	Children's Health Insurance Program (CHIP); Allotment Methodology and States' Fiscal Year 2009 CHIP Allotments.
September 25, 2009	48865	483	CMS-1410-CN	Medicare Program; Medicare Program; Prospective Payment System and Consolidated Billing for Skilled Nursing Facilities; Correction.
September 25, 2009	48974	-----	CMS-2487-FN	Medicare and Medicaid Programs; Application by the American Osteopathic Association for Continued Deeming Authority for Ambulatory Surgical Centers.

September 25, 2009	48976	-----	CMS-4141-N	Medicare Program; Medicare Appeals; Adjustment to the Amount in Controversy Threshold Amounts for Calendar Year 2010.
September 25, 2009	48977	-----	CMS-3215-N	Medicare Program; Meeting of the Medicare Evidence Development and Coverage Advisory Committee— November 18, 2009.
September 25, 2009	48979	-----	CMS-1814-N	Medicare Program; Listening Session Regarding: Defining an Episode Logic for the Medicare Physician Resource Use Measurement Program; November 10, 2009.
September 25, 2009	48981	-----	CMS-7015-N	Medicare Program; Meeting of the Advisory Panel on Medicare Education, October 20, 2009.
September 25, 2009	48990	-----	CMS-1336-N	Medicare Program; Medicare Provider Feedback Group Town Hall Meeting— October 29, 2009.
September 25, 2009	48992	-----	CMS-3216-N	Medicare Program; Request for Nominations for Members for the Medicare Evidence Development & Coverage Advisory Committee.

September 25, 2009	49076	-----	CMS-9053-N	Medicare and Medicaid Programs; Quarterly Listing of Program Issuances—April Through June 2009.
September 29, 2009	49922	410, 413, and 414	CMS-1418-P	Medicare Program; End-Stage Renal Disease Prospective Payment System.
September 29, 2009	50103	-----	CMS-1508-N	Medicare Program; Town Hall Meeting on End-Stage Renal Disease Prospective Payment System.

**Addendum V—National Coverage Determinations
[July Through September 2009]**

A national coverage determination (NCD) is a determination by the Secretary with respect to whether or not a particular item or service is covered nationally under Title XVIII of the Social Security Act, but does not include a determination of what code, if any, is assigned to a particular item or service covered under this title, or determination with respect to the amount of payment made for a particular item or service so covered. We include below all of the NCDs that were issued during the quarter covered by this notice. The entries below include information concerning completed decisions as well as sections on program and decision memoranda, which also announce pending decisions or, in some cases, explain why it was not appropriate to issue an NCD. We identify completed decisions by the section of the NCDM in which the decision appears, the title, the date the publication was issued, and the effective date of the decision. Information on completed decisions as well as pending decisions has also been posted on the CMS Web site at <http://cms.hhs.gov/coverage>.

Title	NCDM Section	TN #	Issue Date	Effective Date
Wrong Surgical or Other Invasive Procedure Performed on a Patient; Surgical or Other Invasive Procedure Performed on the Wrong Body Part; Surgical or Other Invasive Procedure Performed on the Wrong Patient-- CLARIFICATION	140.6 140.7 140.8	R102NCD	07/02/09	04/02/09
Changes to the Laboratory NCD Edit Software for October 2009	190.1-190.34	R1766CP	07/10/09	10/01/09

Sleep Testing for Obstructive Sleep Apnea (OSA)	240.4	R103NCD	07/10/09	03/23/09
FDG PET for Solid Tumors and Myeloma	220.6	R104NCD	07/17/09	04/03/09
Screening Computed Tomography Colonography (CTC) for Colorectal Cancer	210.6	F105NCD	08/07/09	05/12/09
FDG PET for Solid Tumors and Myeloma—CLARIFICATION	220.6	R106NCD	09/18/09	04/03/09

Addendum VI
FDA-Approved Category B IDEs
[July Through September 2009]

Under the Food, Drug, and Cosmetic Act (21 U.S.C. 360c) devices fall into one of three classes. To assist CMS under this categorization process, the FDA assigns one of two categories to each FDA-approved IDE. Category A refers to experimental IDEs, and Category B refers to non-experimental IDEs. To obtain more information about the classes or categories, please refer to the **Federal Register** notice published on April 21, 1997 (62 FR 19328).

The following list includes all Category B IDEs approved by FDA during the second quarter, April through June 2009.

IDE	Category	IDE	Category
BB13996	B	G090121	B
G080183	B	G090123	B
G090002	B	G090135	B
G090024	B	G090136	B
G090042	B	G090143	B
G090080	B	G090146	B
G090082	B	G090150	B
G090084	B	G090153	B
G090089	B	G090155	B
G090093	B	G090156	B
G090095	B	G090159	B
G090096	B	G090164	B
G090097	B	G090166	B
G090098	B	G090172	B
G090103	B		
G090104	B		
G090107	B		
G090109	B		
G090114	B		
G090115	B		
G090117	B		
G090119	B		
G090120	B		

Addendum VII
Approval Numbers for Collections of Information

Below we list all approval numbers for collections of information in the referenced sections of CMS regulations in Title 42; Title 45, Subchapter C; and Title 20 of the Code of Federal Regulations, which have been approved by the Office of Management and Budget:

OMB Control Numbers	Approved CFR Sections in Title 42, Title 45, and Title 20 (Note: Sections in Title 45 are preceded by "45 CFR," and sections in Title 20 are preceded by "20 CFR")
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OMB NUMBER	Approved CFR Sections
0938-0008	Part 424 Subpart C
0938-0022	413.20, 413.24, 413.106
0938-0023	424.103
0938-0025	406.28, 407.27
0938-0027	486.100 - 486.110
0938-0033	405.807
0938-0035	407.40
0938-0037	413.20, 413.24
0938-0041	408.6, 408.202
0938-0042	410.1, 410.40, 424.124, 424.601, 414.605, 414.610, 414.615, 414.620, 414.625, 424.32
0938-0045	405.711
0938-0046	405.2133
0938-0050	413.20, 413.24
0938-0062	431.151, 435.151, 435.1009, 440.220, 440.250, 442.1, 442.10 - 442.16, 442.30, 442.40, 442.42, 442.100 - 442.119, 483.400 - 483.480, 488.332, 488.400, 498.3 - 498.5
0938-0065	485.701 - 485.729
0938-0074	491.1 - 491.11
0938-0080	406.7, 406.13
0938-0086	420.200 - 420.206, 455.100 - 455.106
0938-0101	430.30
0938-0102	413.20, 413.24

0938-0107	413.20, 413.24
0938-0146	431.800 - 431.865
0938-0147	431.800 - 431.865
0938-0151	493.1 - 493.2001
0938-0155	405.2470
0938-0193	430.10 - 430.20, 440.167
0938-0202	413.17, 413.20
0938-0214	411.25, 489.2, 489.20
0938-0236	413.20, 413.24
0938-0242	488.26 and 442.30
0938-0245	407.10, 407.11
0938-0246	431.800-431.865
0938-0251	406.7
0938-0266	416.1-416.150
0938-0267	485.56, 485.58, 485.60, 485.64, 485.66
0938-0269	412.116, 412.632, 413.64, 413.350, 484.245
0938-0270	405.376
0938-0272	440.180, 441.300 - 441.310
0938-0273	485.701 - 485.729
0938-0279	424.5
0938-0287	447.31
0938-0296	413.170, 413.184
0938-0301	413.20, 413.24, 415.60
0938-0302	418.22, 418.24, 418.28, 418.56, 418.58, 418.70, 418.74, 418.83, 418.96, 418.100
0938-0313	489.11, 489.20
0938-0328	482.12, 482.13, 482.21, 482.22, 482.27, 482.30, 482.41, 482.43, 482.45, 482.53, 482.56, 482.57, 482.60, 482.61, 482.62, 482.66, 485.618, 485.631
0938-0334	491.9, 491.10
0938-0338	486.104, 486.106, 486.110
0938-0354	441.50
0938-0355	442.30, 488.26
0938-0358	488.26
0938-0359	412.40 - 412.52
0938-0360	488.60
0938-0365	484.10, 484.12, 484.14, 484.16, 484.18, , 484.36, 484.48, 484.52
0938-0372	414.330
0938-0378	482.60 - 482.62
0938-0379	442.30, 488.26
0938-0386	405.2100 - 405.2171

0938-0391	488.18, 488.26, 488.28
0938-0426	480.104, 480.105, 480.116, 480.134
0938-0429	447.53
0938-0443	478.18, 478.34, 478.36, 478.42
0938-0444	1004.40, 1004.50, 1004.60, 1004.70
0938-0445	412.44, 412.46, 431.630, 476.71, 476.74, 476.78
0938-0447	405.2133
0938-0448	405.2133, 45 CFR 5, 5b; 20 CFR Parts 401, 422E
0938-0449	440.180, 441.300 - 441.310
0938-0454	424.20
0938-0456	412.105
0938-0463	413.20, 413.24, 413.106
0938-0467	431.17, 431.306, 435.910, 435.920, 435.940 - 435.960
0938-0469	417.126, 422.502, 422.516
0938-0470	417.143, 422.6
0938-0477	412.92
0938-0484	424.123
0938-0501	406.15
0938-0502	433.138
0938-0512	486.301 - 486.348
0938-0526	475.102, 475.103, 475.104, 475.105, 475.106
0938-0534	410.38, 424.5
0938-0544	493.1 - 493.2001
0938-0564	411.32
0938-0565	411.20 - 411.206
0938-0566	411.404, 411.406, 411.408
0938-0573	412.256
0938-0578	447.534
0938-0581	493.1 - 493.2001
0938-0599	493.1 - 493.2001
0938-0600	405.371, 405.378, 413.20
0938-0610	417.436, 417.801, 422.128, 430.12, 431.20, 431.107, 483.10, 484.10, 489.102
0938-0612	493.801, 493.803, 493.1232, 493.1233, 493.1234, 493.1235, 493.1236, 493.1239, 493.1241, 493.1242, 493.1249, 493.1251, 493.1252, 493.1253, 493.1254, 493.1255, 493.1256, 493.1261, 493.1262, 493.1263, 493.1269, 493.1273, 493.1274, 493.1278, 493.1283, 493.1289, 493.1291, 493.1299
0938-0618	433.68, 433.74, 447.272
0938-0653	493.1771, 493.1773, 493.1777
0938-0657	405.2110, 405.2112

0938-0658 405.2110, 405.2112
0938-0667 482.12, 488.18, 489.20, 489.24
0938-0686 493.551 - 493.557
0938-0688 486.301 - 486.325
0938-0691 412.106
0938-0692 466.78, 489.20, 489.27
0938-0701 422.152
0938-0702 45 CFR 146.111, 146.115, 146.117, 146.150, 146.152, 146.160, 146.180
0938-0703 45 CFR 148.120, 148.122, 148.124, 148.126, 148.128
0938-0714 411.370 - 411.389
0938-0717 424.57
0938-0721 410.33
0938-0723 421.300 - 421.316
0938-0730 405.410, 405.430, 405.435, 405.440, 405.445, 405.455, 410.61, 415.110, 424.24
0938-0732 417.126, 417.470
0938-0734 45 CFR 5b
0938-0739 413.337, 413.343, 424.32, 483.20
0938-0749 424.57
0938-0753 422.000 - 422.700
0938-0754 441.151, 441.152
0938-0758 413.20, 413.24
0938-0760 484.55, 484.205, 484.245, 484.250
0938-0761 484.11, 484.20
0938-0763 422.250, 422.252, 422.254, 422.256, 422.258, 422.262, 422.264, 422.266, 422.270, 422.300, 422.304, 422.306, 422.308, 422.310, 422.312, 422.314, 422.316, 422.318, 422.320, 422.322, 422.324, 423.251, 423.258, 423.265, 423.272, 423.286, 423.293, 423.301, 423.308, 423.315, 423.322, 423.329, 423.336, 423.343, 423.346, 423.350
0938-0770 410.2
0938-0778 422.111, 422.564
0938-0779 417.126, 417.470, 422.64, 422.210
0938-0781 411.404, 484.10
0938-0786 438.352, 438.360, 438.362, 438.364
0938-0790 460.12 - 460.210
0938-0792 491.8, 491.11
0938-0796 422.64
0938-0798 413.24, 413.65, 419.42
0938-0802 419.43
0938-0818 410.141 - 410.146, 414.63

- 0938-0829 422.568
0938-0832 Parts 489 and 491
0938-0833 483.350 - 483.376
0938-0841 431.636, 457.50, 457.60, 457.70, 457.340, 457.350, 457.431, 457.440,
457.525, 457.560, 457.570, 457.740, 457.750, 457.810, 457.940, 457.945,
457.965, 457.985, 457.1005, 457.1015, 457.1180
0938-0842 412.23, 412.604, 412.606, 412.608, 412.610, 412.614, 412.618, 412.626,
413.64
0938-0846 411.352 - 411.361
0938-0857 Part 419
0938-0860 Part 419
0938-0866 45 CFR Part 162
0938-0872 413.337, 483.20
0938-0873 422.152
0938-0874 45 CFR Parts 160 and 162
0938-0878 Part 422 Subparts F and G
0938-0887 45 CFR 148.316, 148.318, 148.320
0938-0897 412.22, 412.533
0938-0907 412.230, 412.304, 413.65
0938-0910 422.620, 422.624, 422.626
0938-0911 426.400, 426.500
0938-0915 421.120, 421.122
0938-0916 483.160
0938-0920 438.6, 438.8, 438.10, 438.12, 438.50, 438.56, 438.102, 438.114, 438.202,
438.206, 438.207, 438.240, 438.242, 438.402, 438.404, 438.406, 438.408,
438.410, 438.414, 438.416, 438.604, 438.710, 438.722, 438.724, 438.810
0938-0921 414.804
0938-0931 45 CFR 142.408, 162.408, and 162.406
0938-0933 438.50
0938-0935 422 Subparts F and K
0938-0936 423
0938-0939 405.502
0938-0944 422.250, 422.252, 422.254, 422.256, 422.258, 422.262, 422.264, 422.266,
422.270, 422.300, 422.304, 422.306, 422.308, 422.310, 422.312, 422.314,
422.316, 422.318, 422.320, 422.322, 422.324, 423.251, 423.258, 423.265,
423.272, 423.279, 423.286, 423.293, 423.301, 423.308, 423.315, 423.322,
423.329, 423.336, 423.343, 423.346, 423.350
0938-0950 405.910
0938-0951 423.48

0938-0953	405.1200 and 405.1202
0938-0954	414.906, 414.908, 414.910, 414.914, 414.916
0938-0957	Part 423 Subpart R
0938-0964	403.460, 411.47
0938-0969	421.405
0938-0975	423.562(a)
0938-0976	423.568
0938-0977	Part 423 Subpart R
0938-0978	423.464
0938-0982	422.310, 423.301, 423.322, 423.875, 423.888
0938-0986	412.20-412.30
0938-0990	423.56
0938-0992	423.505, 423.514
0938-0993	1396
0938-0997	424.5
0938-0999	Part 424 Subpart C
0938-1004	423.502
0938-1009	411.357(v), 411.357(w)
0938-1013	423.56(e)
0938-1019	405.1206, 422.622
0938-1020	412.525(a)(4), 412.529(c)(3), 412.84(i)(2)
0938-0123	422.152(a)(1), 422.152(a)(2)
0938-1024	1396
0938-1026	447.520
0938-1013	423.56e
0938-1019	405.1206, 422.622
0938-1023	422.152a
0938-1033	455
0938-1034	489.20
0938-1049	424.36(b)

Addendum VIII
Medicare-Approved Carotid Stent Facilities
[July Through September 2009]

On March 17, 2005, we issued our decision memorandum on carotid artery stenting. We determined that carotid artery stenting with embolic protection is reasonable and necessary only if performed in facilities that have been determined to be competent in performing the evaluation, procedure, and follow-up necessary to ensure optimal patient outcomes. We have created a list of minimum standards for facilities modeled in part on professional society statements on competency. All facilities must at least meet our standards in order to receive coverage for carotid artery stenting for high risk patients.

Facility	Provider Number	Effective Date	State	Additional Information
East El Paso Physicians Medical Center 1416 George Dieter Drive El Paso, TX 79936	450877	05/14/2009	TX	
New York Westchester Square Medical Center 2475 St. Raymond Avenue Bronx, NY 10461	330316	05/14/2009	NY	
P&S Surgical Hospital 312 Grammont Street Suite 101 Monroe, LA 71201	190246	05/14/2009	LA	
The MetroHealth System 2500 MetroHealth Drive Cleveland, OH 44109-1998	360059	05/20/2009	OH.	

Clarian Arnett Health 5165 McCarty Lane Lafayette, IN 47905	150173	07/02/2009	IN	
Maury Regional Medical Center 1224 Trotwood Avenue Columbia, TN 38401	440073	07/02/2009	TN	
Tulane Medical Center 1415 Tulane Avenue New Orleans, LA 70112	190176	07/02/2009	LA	
Northeast Baptist Hospital 8811 Village Drive San Antonio, TX 78217	450058	10/04/2005	TX	
St. Luke's Baptist Hospital 7930 Floyd Curl Drive San Antonio, TX 78229	450058	10/04/2005	TX	
Southeast Baptist Hospital 4214 East Southcross Boulevard San Antonio, TX 78222	450058	10/04/2005	TX	
North Central Baptist Hospital 520 Madison Oak Drive San Antonio, TX 78258	450058	10/04/2005	TX	
Jeanes Hospital 7600 Central Avenue Philadelphia, PA 19111	390080	07/30/2009	PA	
Bayshore Medical Center 4000 Spence Highway Pasadena, TX 77504	450097	08/13/2009	TX	
CHRISTUS Hospital 3600 Gates Boulevard Port Arthur, TX 77642	450034	02/02/2006	TX	St. Mary
Peace River Regional Medical Center 2500 Harbor Boulevard Port Charlotte, FL 33952	100077	08/24/2009	FL	

Jennings American Legion Hospital 1634 Elton Road Jennings, LA 70546	190053	09/11/2009	LA	
Mayo Clinic hospital 4500 San Pablo Road Jacksonville, FL 32224	100151	06/29/2005	FL	
Capital Health System – Mercer Campus 446 Bellevue Avenue Trenton, NJ 08618	1073516183	09/28/2009	NJ	
Goshen General Hospital 200 High Park Avenue Goshen, IN 46526	1740268846	09/28/2009	IN	
University of Miami Hospital 1400 N.W. 12th Avenue Miami, FL 33136-5511	100009	10/15/2009	FL	

Addendum IX**American College of Cardiology's National Cardiovascular Data Registry Sites
[July Through September 2009]**

In order to obtain reimbursement, Medicare national coverage policy requires that providers implanting ICDs for primary prevention clinical indications (that is, patients without a history of cardiac arrest or spontaneous arrhythmia) report data on each primary prevention ICD procedure. This policy became effective January 27, 2005. Details of the clinical indications that are covered by Medicare and their respective data reporting requirements are available in the Medicare National Coverage Determination (NCD) Manual, which is on the Centers for Medicare & Medicaid Services (CMS) Web site at <http://www.cms.hhs.gov/Manuals/IOM/itemdetail.asp?filterType=none&filterByDID=99&sortByDID=1&sortOrder=ascending&itemID=CMS014961>.

A provider can use either of two mechanisms to satisfy the data reporting requirement. Patients may be enrolled either in an Investigational Device Exemption trial studying ICDs as identified by the FDA or in the American College of Cardiology's National Cardiovascular Data Registry (ACC-NCDR) ICD registry. Therefore, in order for a beneficiary to receive a Medicare-covered ICD implantation for primary prevention, the beneficiary must receive the scan in a facility that participates in the ACC-NCDR ICD registry.

We maintain a list of facilities that have been enrolled in this registry. Addendum IX includes the facilities that have been designated in the quarter covered by this notice.

Facility Name	Address1	Address2	City	State	Zip
Abbott Northwestern Hospital	800 East 28th Street (Internal Zip 33210)		Minneapolis	MN	55407
Abilene Regional Medical Center	6250 Highway 83-84 Antilley Road		Abilene	TX	97606
Abington Memorial Hospital	1200 York Road	5 Toll-AMH	Abington	PA	19446
Adena Regional Medical Center	272 Hospital Road		Chillicothe	OH	45601
Adventist Bolingbrook Hospital	120 North Oak Street		Bolingbrook	IL	60440
Adventist Glen Oaks Hospital	701 Winthrop Avenue		Glendale Heights	IL	60139
Adventist Hinsdale Hospital	120 N. Oak Street		Hinsdale	IL	60521
Adventist Medical Center	10123 SE Market Street		Portland	OR	97216
Advocate Christ Medical Center	4440 West 95th Street	#127NOB	Oak Lawn	IL	60453
Advocate Condell Medical Center	801 S. Milwaukee Avenue		Libertyville	IL	60048
Advocate Good Shepherd Hospital	450 W. Highway 22		Barrington	IL	60010
Advocate Illinois Masonic Medical Center	836 W. Wellington Avenue		Chicago	IL	60657

Advocate Lutheran General Hospital	1775 Dempster Street		Park Ridge	IL	60068
Affinity Medical Center	400 Austin Avenue		Massillon	OH	44646
Aiken Regional Medical Center	302 University Parkway		Aiken	SC	29802
Akron City Hospital	525 East Market Street		Akron	OH	44309-2090
Akron General Medical Center	400 Wabash Avenue	Heart & Vascular Center	Akron	OH	44307
Alamance Regional Medical Center	PO Box 202		Burlington	NC	27216
Alaska Regional Hospital	2801 Debarr Road		Anchorage	AK	99508
Albany Medical Center Hospital	43 New Scotland Avenue		Albany	NY	12208
Albert Einstein Medical Center	5501 Old York Road		Philadelphia	PA	19141
Alegent Health Bergan Mercy Medical Center	7500 Mercy Road		Omaha	NE	68124
Alegent Health Immanuel Medical Center	6828 North 72nd Street	Suite 3000N	Omaha	NE	68122-1709
Alegent Health Mercy Hospital	6901 North 72nd Street		Omaha	NE	68122
Alexian Brothers Medical Center	800 Bicsterfield Road		Elk Grove Village	IL	60007-3311

Allegheny General Hospital	320 East North Avenue		Pittsburg	PA	15212
Allegiance Health (W.A. Foote Memorial Hospital)	205 N. East Avenue	Heart Center 1st Floor	Jackson	MI	49201
Allen Memorial Hospital	1825 Logan Avenue		Waterloo	IA	50703
Alpena Regional Medical Center	1501 W. Chisholm Street		Alpena	MI	49707
Alta Bates Medical Center	2450 Ashby Avenue		Berkeley	CA	94705
Alta Bates Summit Medical Center	350 Hawthorne Avenue		Oakland	CA	94609
Alton Memorial Hospital	1 Memorial Drive		Alton	IL	62067
Altoona Hospital	620 Howard Avenue		Altoona	PA	16601
Altru Health System	1200 South Columbia Road		Grand Forks	ND	58201
Alvarado Hospital	6645 Alvarado Road		San Diego	CA	92120
Amarillo Endoscopy Center	6833 Plum Creek Drive		Amarillo	TX	79124
Anaheim Memorial Medical Center	1111 W. La Palma Avenue		Anaheim	CA	92801
AnMed Health	800 North Fant Street		Anderson	SC	29621
Anna Jaques Hospital	25 Highland Avenue		Newburyport	MA	01950

Anne Arundel Medical Center	2001 Medical Parkway		Annapolis	MD	21404
Appleton Medical Center/ThedaClark Medical Center	1818 N. Meade Street	Rm 165-B	Appleton	WI	54911
Aria Health	Knights and Red Lion Roads		Philadelphia	PA	19114
Arizona Heart Hospital	1930 East Thomas Road		Phoenix	AZ	85016
Arizona Regional Medical Center	4838 East Baseline Road	Suite 109-110	Mesa	AZ	85206
Arkansas Heart Hospital	1701 S. Shackelford Road		Little Rock	AR	72202
Arlington Memorial Hospital	800 W. Randol Mill Road		Arlington	TX	76012
Arnot-Ogden Medical Center	600 Roe Avenue		Elmira	NY	14905
Arrowhead Hospital	18701 N. 67 th Avenue		Glendale	AZ	85308
Ashtabula County Medical Center	2420 Lake Avenue		Ashtabula	OH	44004
Aspirus Wausau Hospital	333 Pine Ridge Boulevard		Wausau	WI	54401
Athens Regional Medical Center	1199 Prince Avenue		Athens	GA	30606
Atlanta Medical Center	303 Parkway Drive NE		Atlanta	GA	30312
Atlanticare Regional Medical Center	2500 English Creek Avenue		Egg Harbour Township	NJ	08234

Atrium Medical Center	One Medical Center	Franklin	OH	45005
Audrain Medical Center	620 E. Monroe Street	Mexico	MO	65265
Aultman Hospital	2600 Sixth Street SW	Canton	OH	44710
Aurora BayCare Medical Center	2845 Greenbrier Road	Green Bay	WI	54308
Aurora Medical Center - Kenosha	2900 W. Oklahoma Avenue	Milwaukee	WI	53132
Aurora Medical Center of Washington County	1032 E. Sumner Street	Hartford	WI	53027
Aurora Medical Center Oshkosh	855 N. Westhaven Street	Oshkosh	WI	53132
Aurora Memorial Hospital of Burlington	2900 W. Oklahoma Avenue	Milwaukee	WI	53215
Aurora Sheboygan Memorial Medical Center	2629 N. 7 th Street	Sheboygan	WI	53083
Aurora Sinai Medical Center	945 N. 12 th Street	Milwaukee	WI	53233
Aurora West Allis Memorial Hospital	2900 E. Oklahoma Avenue	Milwaukee	WI	53215
Auxilio Mutuo Hospital	Apartado 191227	San Juan	PR	00919-1227
Aventura Hospital and Medical Center	5631 Glencrest Boulevard	Tampa	FL	33625-1008
Avera Heart Hospital of South Dakota	4500 West 69 th Street	Sioux Falls	SD	57108

Avera Sacred Heart Hospital	501 Summit		Yankton	SD	57078
Avera St. Luke's	305 South State Street		Aberdeen	SD	57401
Bakersfield Heart Hospital	3001 Sillect Avenue		Bakersfield	CA	93308
Bakersfield Memorial Hospital	420 34 th Street	PO Box 1888	Bakersfield	CA	93303-1888
Ball Memorial Hospital	2401 University Avenue		Muncie	IN	47303
Baltimore Washington Medical Center	301 Hospital Drive	2 nd Floor Cardiac Cath Lab	Glen Burnie	MD	21061
Banner Boswell Medical Center	10401 W. Thunderbird Boulevard		Sun City	AZ	85351
Banner Desert Medical Center	Banner Desert Medical Center, Quality Management	1400 S. Dobson Road	Mesa	AZ	85202
Banner Estrella Medical Center	9201 W. Thomas Road		Phoenix	AZ	85037
Banner Good Samaritan Med Center	1111 East McDowell Road		Phoenix	AZ	85006-2612
Banner Heart Hospital	6750 E. Baywood Avenue		Mesa	AZ	85206
Banner Thunderbird Med Center	5555 W. Thunderbird Road		Glendale	AZ	85306
Baptist Health Medical Center	9601 Interstate 630 Exit 7		Little Rock	AR	72205-7299
Baptist Health Medical Center	3333 Springhill Drive		North Little Rock	AR	72117

Baptist Hospital	1000 W. Moreno Street		Pensacola	FL	32501
Baptist Hospital	4220 Harding Road		Nashville	TN	37202
Baptist Hospital East	4000 Kresge Way		Louisville	KY	40207
Baptist Hospital of Miami	8900 SW 88 th Street		Miami	FL	33176
Baptist Hospital of Southeast Texas	PO Box 1591	3080 College Street	Beaumont	TX	77704
Baptist Hospital West	900 E. Oak Hill Avenue		Knoxville	TN	37917
Baptist Medical Center	800 Prudential Drive		Jacksonville	FL	32207
Baptist Medical Center	730 North Main Avenue	Suite 409	San Antonio	TX	78205
Baptist Memorial Hospital North Mississippi	2301 South Lamar Boulevard		Oxford	MS	38655
Baptist Memorial Hospital	6019 Walnut Grove Road		Memphis	TN	38120
Baptist Memorial Hospital-Desoto	7601 Southcrest Parkway		Southaven	MS	38671
Baptist Memorial Hospital-Union City	1201 Bishop Street		Union City	TN	38261
Baptist St. Anthony's Health Systems	1600 Wallace Boulevard		Amarillo	TX	79106
Barberton Citizens Hospital	155 5 th Street NE		Barberton	OH	44203
Barnes Jewish Hospital/Washington University	#1 Barnes Jewish Hospital Plaza	SW Tower-Main. Mailstop 90-59-315	Saint Louis	MO	63110-9930

Barstow Community Hospital	555 South Seventh Street	Barstow	CA	92311
Bartow Regional Medical Center	2200 Osprey Boulevard	Bartow	FL	33830
Bassett Healthcare- (Mary Imogene Bassett Hospital)	One Atwell Road	Cooperstown	NY	13326
Baton Rouge General Medical Center	3600 Florida Boulevard	Baton Rouge	LA	70806
Battle Creek Health System	300 North Avenue	Battle Creek	MI	49016
Baxter Regional Medical CenterAttn: A/P	624 Hospital Drive	Mountain Home	AR	72653
Bay Medical Center	615 North Bonita Avenue	Panama City	FL	32401
Bay Regional Medical Center	1900 Columbus Avenue	Bay City	MI	48708
Bayfront Medical Center	701 Sixth Street South	St. Petersburg	FL	33701
Bayhealth Medical Center(KGH)	640 S. State Street	Dover	DE	19901
Baylor All Saints Medical Center at Fort Worth	1400 8 th Avenue	Fort Worth	TX	76104
Baylor Jack and Jane Hamilton Heart and Vascular Hospital	621 North Hall Street	Dallas	TX	75226

Baylor Medical Center at Garland	2300 Marie Curie Drive		Garland	TX	75042
Baylor Medical Center at Irving	1901 North MacArthur Boulevard		Irving	TX	75061
Baylor Regional Medical Center at Grapevine	1650 West College Street		Grapevine	TX	76051
Bayshore Medical Center	4000 Spencer Highway		Pasadena	TX	77504
Baystate Medical Center	759 Chestnut Street	Springfield 4 4558	Springfield	MA	01199
Beauregard Memorial Hospital	600 S. Pine Street		Deridder	LA	70634
Bellevue Hospital Center	462 First Avenue		New York	NY	10016
Bellin Memorial Hospital	744 S. Webster Avenue	Cardiac Data Center 5 th Floor	Green Bay	WI	54301
Benefis Healthcare	1101 26 th Street South		Great Falls	MT	59405-5161
Berkshire Medical Center, Inc.	725 North Street		Pittsfield	MA	01201-4124
Bert Fish Medical Center	401 Palmetto Street		New Smyrna Beach	FL	32168
Beth Israel Deaconess Medical Center	185 Pilgrim Road		Boston	MA	02215
Bethesda Memorial Hospital	2815 S. Seacrest Blvd		Boynton Beach	FL	33435
Bethesda North Hospitals	375 Dixmyth Avenue		Cincinnati	OH	45220-2489

Beverly Hospital	85 Herrick Street		Beverly	MA	01915
Bexar County Hospital District d.b.a. University Health	4502 Medical Drive	Stop 34-1	San Antonio	TX	78229
Billings Clinic (formerly Deaconess)	2800 9th Avenue, North		Billings	MT	59101
Biloxi Regional Medical Center	150 Reynoir Street		Biloxi	MS	39531
Blake Medical Center	2020 59th Street West		Bradenton	FL	34209
Blanchard Valley Hospital	1900 South Main Street	HeartCare Center	Findlay	OH	45840
Blessing Hospital	1005 Broadway	PO Box 7005	Quincy	IL	62305-7005
Bloomington Hospital	601 W. Second Street	PO Box 1149	Bloomington	IN	47403
Boca Raton Community Hospital	12201 NW Second Place		Coral Springs	FL	33071
Bon Secours DePaul Medical Center	5801 Breomo Road	Suite 310, North Medical Office Building	Richmond	VA	23226
Bon Secours - Maryview Medical Center	5801 Breomo Road	Suite 310, North Medical Office Building	Richmond	VA	23226

Bon Secours-Memorial Regional Medical Center	5801 Bremono Road	Suite 310, North Medical Office Building	Richmond	VA	23226
Bon Secours St Francis Medical Center	5801 Bremono Road	Suite 310, North Medical Office Building	Richmond	VA	23226
Bon Secours St. Marys Hospital	5801 Bremono Road	Suite 310, North Medical Office Building	Richmond	VA	23226
Boone Hospital Center	1600 E. Broadway		Columbia	MO	65201-5897
Borgess Medical Center	1521 Gull Road		Kalamazoo	MI	49048
Boston Medical Center	One Boston Medical Place		Boston	MA	02118
Bothwell Regional Health Center	601 East 14th Street		Sedalia	MO	65301
Botsford Hospital	28050 Grand River Avenue		Farmington Hills	MI	48336
Boulder Community Hospital	1100 Balsam Avenue		Boulder	CO	80304
Braddock Campus	900 Seton Drive		Cumberland	MD	21502-1850
Brandon Regional Hospital	119 Oakfield Drive		Brandon	FL	33511
Brandywine Hospital	201 Reeceville Road		Coatesville	PA	19320

	267 Grant Street		Bridgeport	CT	06610
Bridgeport Hospital					
Brigham & Womens Hospital	75 Francis Street	L258A	Boston	MA	02115
Bromenn Hospital	PO Box 2850		Bloomington	IL	61702-2850
Bronson Methodist Hospital	601 John Street		Kalamazoo	MI	49007-5348
Brookdale Hospital & Medical Center	1 Brookdale Plaza		Brooklyn	NY	11212
Brooklyn Hospital Center	121 DeKalb Avenue		Brooklyn	NY	11201
Brooksville Regional Hospital	17240 Cortez Boulevard		Brooksville	FL	34601
Brookwood Medical Center	2010 Brookwood Medical Center		Birmingham	AL	35209
Broward General Medical Center	1600 S. Andrews Avenue		Ft. Lauderdale	FL	33316
Bryan LGH Medical Center	1600 South 48th Street		Lincoln	NE	68526
Bryn Mawr Hospital	Suite 557 Lankenau MOB East	100 Lancaster Avenue	Wynnewood	PA	19096
Buffalo General Hospital	3 Gates Circle		Buffalo	NY	14209
Cabell Huntington Hospital	1340 Hal Greer Boulevard		Huntington	WV	25701
California Pacific Medical Center	2330 Clay Street, Stern Building, Room #103	Stern Building, Room #103	San Francisco	CA	94115
CAMC Teays Valley Hospital	1400 Hospital Drive		Hurricane	WI	25526

Camden-Clark Memorial Hospital	800 Garfield Avenue	Parkersburg	WV	26101
Candler Hospital, Inc.	5353 Reynolds Street	Savannah	GA	31405
Cape Canaveral Hospital	701 West Cocoa Beach Causeway	Cocoa Beach	FL	32931
Cape Cod Hospital	40 Quinlan Way	Hyannis	MA	02601
Cape Fear Valley Health System	303 Wagoner Drive	Fayetteville	NC	28303-4646
Capital Medical Center	3900 Capital Mall Drive	Olympia	WA	98502
Capital Regional Medical Center	□barbara.scott3@hcahealthcare.com	Tallahassee	FL	32308
Capital Regional Medical Center	1125 Madison Street (PO Box 1128)	Jefferson City	MO	65102-1128
Cardiovascular Center of Puerto Rico	PO Box 366528	San Juan	PR	00936-6528
Carilion Roanoke Memorial Hosp	Att: Cardiac Cath Lab	Roanoke	VA	24033-3367
Caritas Good Samaritan Medical Center	235 North Pearl Street	Brockton	MA	02301
Caritas Norwood Hospital	800 Washington Street	Norwood	MA	02062
Caritas St. Elizabeths Medical Center	736 Cambridge Street	Boston	MA	02135
Carle Foundation Hospital	611 W. Park Street	Urbana	IL	61801
Carolina Pines Regional Medical Center	1304 W. BoBo Newsom Highway	Hartsville	SC	29550

Carolinas Hospital System	805 Pamplico Highway		Florence	SC	29505
Carolinas Medical Center	1001 Blythe Boulevard		Charlotte	NC	28227
Carolinas Medical Center - Mercy	2001 Vail Avenue	Cath Lab	Charlotte	NC	28207
Carondelet Heart Institute at St. Joseph Medical Center	1000 Carondelet Drive		Kansas City	MO	64114
Carroll Hospital Center	200 Memorial Avenue		Westminster	MD	21157
Carson Tahoe Regional Medical Center	1600 Medical Parkway		Carson City	NV	89706
Cartersville Medical Center	PO Box 20008		Cartersville	GA	30120
Casa Grande Regional Medical Center	1800 E. Florence Boulevard		Casa Grande	AZ	85222
Castlevew Hospital	300 North Hospital Drive		Price	UT	84501
Catawba Valley Medical Center	810 Fairgrove Church Road		Hickory	NC	28602
Catholic Medical Center	100 McGregor Street	Level C Room 248	Manchester	NH	03102-3770
Cayuga Medical Center at Ithaca	101 Dates Drive		Ithaca	NY	14850
Cedars-Sinai Health Systems	8700 Beverly Boulevard	MGB 901	Los Angeles	CA	90048

Centennial Hills Hospital Medical Center	6900 N. Durango Drive		Las Vegas	NV	89149-4409
Centennial Medical Center	12505 Lebanon Boulevard		Frisco	TX	75035
Centennial Medical Center	2300 Patterson Street		Nashville	TN	37203
Centerpoint Medical Center	19600 E. 39th Street		Independence	MO	64057
Centinel Hospital Medical Center	555 E. Hardy Street		Inglewood	CA	90301
Central Baptist Hospital	1800 Nicholasville Road Suite 401		Lexington	KY	40503
Central DuPage Hospital	25 N. Winfield Road		Winfield	IL	60190
Central Florida Regional Hospital	1401 W. Seminole Boulevard		Sanford	FL	32771
Central Maine Medical Center	CMHVI 60 High Street		Lewiston	ME	04240
Central Minnesota Heart Center at St. Cloud Hospital	1406 Sixth Avenue North		St. Cloud	MN	56303
Central Mississippi Medical Center	1850 Chadwick Drive		Jackson	MS	39204
Central Washington Hospital	1201 South Miller Street		Wenatchee	WA	98801
Chandler Regional Medical Center	475 S. Dobson Road	Quality Management Department	Chandler	AZ	85224

Charleston Area Medical Center	501 Morris Street		Charleston	WV	25301
Charlotte Regional Medical Center	809 East Marion Avenue		Punta Gorda	FL	33950
Charlton Memorial Hospital	363 Highland Avenue		Fall River	MA	02720-3700
Chattanooga-Hamilton County Hospital Authority/ER	975 E. Third Street		Chattanooga	TN	37403
Chesapeake General Hospital	736 Battlefield Boulevard North		Chesapeake	VA	23320
Cheshire Medical Center	580 Court Street		Keene	NH	03431
Chester County Hospital	701 E. Marshall Street		West Chester	PA	19380
Chester River Hospital Center	100 Brown Street		Chestertown	MD	21620
Cheyenne Regional Medical Center	Cheyenne Regional Medical Center	214 E. 23 rd Street	Cheyenne	WY	82001
Christian Hospital	11133 Dunn Road		St Louis	MO	63136
Christiana Care Health System	4755 Oglethorpe-Stanton Road		Newark	DE	19718
Christus Hospital-St. Mary	3600 Gates Boulevard		Port Arthur	TX	77642
Christus Saint Elizabeth Hospital	2830 Calder Street		Beaumont	TX	77702
Christus Santa Rosa Hospital	333 N. Santa Rosa Street		San Antonio	TX	78207

Christus Spohn Hospital Corpus Christi - Shoreline	600 Elizabeth Street	Corpus Christi	TX	78404
Christus St. Catherine	701 S. Fry Road	Katy	TX	77450
Christus St. John Hospital	18300 St. John Drive	Nassau Bay	TX	77058 -
Christus St. Michael Health System	2600 St. Michael Drive	Texarkana	TX	75503
Christus St. Patrick Hospital	524 South Ryan Street	Lake Charles	LA	70602-3401
Christus - Schumpert Highland Hospital	One St. Mary Place	Shreveport	LA	71101
Christus - St. Frances Cabrini Hospital	3330 Masonic Drive	Alexandria	LA	71301
Citrus Memorial Health System	502 W. Highland Boulevard	Inverness	FL	34452
CJW Medical Center	7101 Jahnke Road	Richmond	VA	23225-4044
Claremore Regional Hospital	1202 N. Muskogee Place	Claremore	OK	74017
Clarian Health Partners-Methodist Hospital campus	1701 N. Senate Boulevard	Indianapolis	IN	46202
Clarian North Medical Center	11725 Illinois Street B-178	Carmel	IN	46032
Clark Memorial Hospital	1220 Missouri Avenue	Jeffersonville	IN	47130
Clear Lake Regional Medical Center	500 Medical Center Boulevard	Webster	TX	77598

Cleveland Clinic Florida	3100 Weston Road		Weston	FL	33331
Cleveland Clinic Foundation	9500 Euclid Avenue		Cleveland	OH	44195
Coliseum Medical Centers	350 Hospital Drive		Macon	GA	31217
College Station Medical Center	1604 Rock Prairie Road		College Station	TX	77845
Columbia Hospital	4425 North Port Washington Road		Glendale	WI	53212
Columbia Regional Hospital	404 Keene Street		Columbia	MO	65201
Columbia St. Mary's Hospital Ozaukee	13111 N. Port Washington Road		Mequon	WI	53097
Columbus Cardiovascular Care, PLLC	2520 5 th Street North PO Box 1307		Columbus	MS	39703
Columbus Regional Hospital	2400 17 th Street		Columbus	IN	47201
Comanche County Memorial Hospital	3401 W. Gore Boulevard	PO Box 129	Lawton	OK	73505
Community Health Partners	3700 Kolbe Road		Lorain	OH	44053
Community Hospital	5637 Marine Parkway		New Port Richey	FL	34652
Community Hospital	The Community Hospital	901 MacArthur Boulevard	Munster	IN	46321
Community Hospital and Wellness Center	433 West High Street		Bryan	OH	43506

Community Hospital	Cardiovascular Services	1500 North Ritter Avenue	Indianapolis	IN	46219
Community Hospital East					
Community Hospital of the Monterey Peninsula	PO Box HH		Monterey	CA	93942-1085
Community Hospital South	1500 N. Ritter Avenue		Indianapolis	IN	46219-3027
Community Medical Center	2827 Fort Missoula Road		Missoula	MT	59804
Community Medical Center	99 Highway 37 West		Toms River	NJ	08775
Community Medical Center	1800 Mulberry Street		Scranton	PA	18510
Community Medical Center-Clovis	2755 Herndon Avenue		Clovis	CA	93611
Community Memorial Hospital	147 N. Brent Street		Ventura	CA	93003
Community Memorial Hospital	W180 N8085 Town Hall Road		Menomonee Falls	WI	53052
CommunityMercy AKA Springfield Regional Medical Center	2615 E. High Street		Springfield	OH	45525
Concord Hospital	250 Pleasant Street		Concord	NH	03301
Conroe Regional Medical Center	504 Medical Center Boulevard		Conroe	TX	77304
Covenant Heart Institute	3615 19th Street		Lubbock	TX	79410
Conway Regional Medical Center	2302 College Avenue		Conway	AR	72034-6226

Cooley Dickinson Hospital	30 Locust Street	Northampton	MA	01060
Cooper University Hospital	One Cooper Plaza	Camden	NJ	08103
Coral Gables Hospital	3100 Douglas Road	Coral Gables	FL	33134
Corpus Christi Medical Center	7101 SPID	Corpus Christi	TX	78412
County of Santa Clara	751 S. Bascom Avenue	San Jose	CA	95128
Covenant Healthcare	1447 N. Harrison Street	Saginaw	MI	48602
Covenant Medical Center	3421 West Ninth Street	Waterloo	IA	50702
Cox Medical Center South	3801 S. National Avenue	Springfield	MO	65807
Craven Regional Medical Center	2000 Neuse Boulevard	New Bern	NC	28560
Creighton University Medical Center	601 N. 30 th Street	Omaha	NE	68131
Crestwood Medical Center/Triad Hospitals, Inc.	One Hospital Drive	Huntsville	AL	35801-3495
Crittenton Hospital Medical Center	1101 W. University Drive	Rochester	MI	48307-1831
Crouse Hospital	736 Irving Avenue	Syracuse	NY	13210
Crozer Chester Medical Center	1 Medical Center Boulevard	Chester	PA	19013-3995
Cumberland Cardiology	5000 US Route 321	Prestonsburg	KY	41653

CVPH Medical Center	75 Beekman Street		Plattsburgh	NY	12901
Cypress Fairbanks Medical Center	10655 Steepletop Drive		Houston	TX	77065
Dallas Regional Medical Center	1011 N. Galloway Avenue		Mesquite	TX	75149
Dameron Hospital	525 W. Acacia Street		Stockton	CA	95203
Danbury Hospital	24 Hospital Avenue	Cardiology 2 South	Danbury	CT	06810
Dauterive Hospital	600 N. Lewis Street		New Iberia	LA	70563
Davis Hospital	1600 West Antelope Drive		Layton	UT	84041
DCH Regional Medical Center	809 University Boulevard E		Tuscaloosa	AL	35401-2029
Deaconess Hospital	311 Straight Street		Cincinnati	OH	45219
Deaconess Hospital	5501 N. Portland Avenue		Oklahoma City	OK	73112
Deaconess Hospital	600 Mary Street		Evansville	IN	47747
Deaconess Medical Center	W. 800 Fifth Avenue		Spokane	WA	99204
Deborah Heart & Lung Center	200 Trenton Road		Browns Mills	NJ	08015
Decatur General Hospital	1201 7 th Street		Decatur	AL	35601
Dekalb Medical Center	2701 N. Decatur Road		Decatur	GA	30033
Dekalb Regional Medical Center	200 Medical Center Drive		Fort Payne	AL	35968
Del Sol Medical Center	10301 Gateway West		El Pasoq	TX	79925

Delray Medical Center	5352 Linton Boulevard		Delray Beach	FL	33484
Delta Regional Medical Center	1400 E. Union Street		Greenville	MS	38702
Denton Regional Medical Center	3535 South I-35E		Denton	TX	76205
Denver Health Medical Center	777 Bannock Street		Denver	CO	80204
DePaul Health Center	12303 DePaul Drive		Bridgeton	MO	63044
Des Peres Hospital	2345 Dougherty Ferry Road		St. Louis	MO	63122
Desert Regional Medical Center	1150 N. Indian Canyon		Palm Springs	CA	92262
DeTar Hospital	506 E. San Antonio Street		Victoria	TX	77902
Dixie Regional Medical Center	1380 E. Medical Drive		St. George	UT	84790
Doctors Hospital	5000 University Drive		Miami	FL	33146
Doctors Hospital	5100 West Broad Street		Columbus	OH	43228
Doctors Hospital	9440 Poppy Drive		Dallas	TX	75218
Doctor's Hospital	3983 I-49 S. Service Road		Opelousas	LA	70570
Doctors Hospital at Renaissance	5501 S. McColl Road		Edinburg	TX	78539
Doctors Hospital - Augusta	3651 Wheeler Drive		Augusta	GA	30909
Doctors Hospital of Sarasota	5731 Bee Ridge Road		Sarasota	FL	34233

Doctors Hospital-Tidwell	510 West Tidwell Road	Houston	TX	77091
Doctors Medical Center	2000 Vale Road	San Pablo	CA	94806
Doctors Medical Center	1441 Florida Avenue	Modesto	CA	95350
Dominican Santa Cruz Hospital	1555 Soquel Drive	Santa Cruz	CA	95065
Downey Regional Medical Center	11500 Brookshire Avenue	Downey	CA	90241
Doylestown Hospital	595 West State Street	Doylestown	PA	18901
DuBois Regional Medical Center	100 Hospital Avenue	DuBois	PA	15801
Duke Raleigh Hospital	3400 Wake Forest Road	Raleigh	NC	27609
Duke University Hospital	Erwin Road DUMC 3943	Durham	NC	27710
Dunn Memorial Hospital	1600 23 rd Street	Bedford	ID	47421
Durham Regional Hospital	3634 Roxboro Road	Durham	NC	27704
East Alabama Medical Center	2000 Pepperall Parkway	Opelika	AL	36830
East Georgia Regional Medical Center	1499 Fair Road (PO Box 1048)	Statesboro	GA	30459
East Jefferson General Hospital	4200 Houma Boulevard	Metairie	LA	70006
		Quality Management Department		

East Texas Medical Center	1000 S. Beckham Avenue		Tyler	TX	75711
Eastern Idaho RMC	3100 Channing Way		Idaho Falls	ID	83404
Eastern Maine Medical Center	489 State Street	PO Box 404	Bangor	ME	04402-0404
Easton Hospital (Northampton Hospital Corp.)	250 South 21 st Street		Easton	PA	18042
Edward Hospital	120 Spalding Drive #205		Naperville	IL	60540
Eisenhower Medical Center	39000 Bob Hope Drive		Rancho Mirage	CA	92270
El Camino Hospital	2500 Grant Road		Mountain View	CA	94040
Eliza Coffee Memorial Hospital	603 West College Street		Florence	AL	35630
Elkhart General Hospital	600 East Boulevard	3 South Suites	Elkhart	IN	46514-2499
Elliot Hospital	1 Elliot Way		Manchester	NH	03103
Ellis Hospital	1101 Nott Street		Schenectady	NY	12308
Elmhurst Hospital Center	79-01 Broadway	Dept of Cardiology, Suite D-54	Elmhurst	NY	11373
Elmhurst Memorial Hospital Marquardt Memorial Lib	200 Berteau Avenue		Elmhurst	IL	60126
EMH Regional Medical Center	630 East River Street		Elyria	OH	44035
Emory Crawford Long Hospital	550 Peachtree Street		Atlanta	GA	30308
Emory Dunwoody	4575 North Shallowford		Atlanta	GA	30338

Medical Center	Road				
Emory Eastside Medical Center	1700 Medical Way		Snellville	GA	30078
Emory Johns Creek	6325 Hospital Parkway		Johns Creek	GA	30097
Emory University Hospital	1364 Clifton Road, NE C408		Atlanta	GA	30322
Englewood Community Hospital (HCA)	700 Medical Boulevard		Englewood	FL	34223
Englewood Hospital & Medical Center	350 Engle Street		Englewood	NJ	07631
Enloe Medical Center	1600 Esplanade		Chico	CA	95926
Erie County Medical Center	462 Grider Street		Buffalo	NY	14215
Evergreen Healthcare	12040 NE 128th Street MS21		Kirkland	WA	98034
Excelsa Health Westmoreland Hospital	532 West Pittsburgh Street		Greensburg	PA	15601
Exempla good Samaritan Medical Center	2420 W. 26th Avenue Building D Suite 100		Denver	CO	80211
Exempla Lutheran Medical Center	2420 W. 26th Avenue Building D Suite 140		Denver	CO	80211
Exempla Saint Joseph Hospital	2420 W. 26th Avenue Building D Suite 140		Denver	CO	80211

Exeter Hospital	5 Alumni Drive		Exeter	NH	03833
F.E. Lajam, MD PC	140-04 58th Road		Flushing	NY	11355
Fairfield Cardiac Cath Labs	3000 Mack Road	Suite 200	Fairfield	OH	45014
Fairfield Medical Center	401 N. Ewing Street		Lancaster	OH	43130
Fairview Hospital	18101 Lorain Road #329		Cleveland	OH	44111
Fairview Park Hospital	PO Box 1408		Dublin	GA	31021
Fairview Southdale Hospital	6401 France Avenue South		Edina	MN	55435
Faith Regional Health Services	2700 W. Norfolk Avenue		Norfolk	NE	68701
Fawcett Memorial Hospital	21298 Olean Boulevard		Port Charlotte	FL	33949-4960
Faxton - St. Luke's Campus	1656 Champlin Avenue		New Hartford	NY	13413
FirstHealth Moore Regional Hospital	155 Memorial Drive		Pinehurst	NC	28374
Fisher-Titus Medical Center	272 Benedict Avenue		Norwalk	OH	44857
Flagler Hospital	400 Health Park Boulevard		St. Augustine	FL	32086
Flagstaff Medical Center	1200 N. Beaver Street		Flagstaff	AZ	86001-3198
Fletcher Allen Health Care	111 Colchester Avenue		Burlington	VT	05401
Florida Hospital Zephyrhills	5631 Glencrest Boulevard		Tampa	FL	33625-1008

Florida Hospital	601 East Rollins Street	Box 99	Orlando	FL	32803
Florida Hospital Fish Memorial	1055 Saxon Boulevard		Orange City	FL	32763
Florida Hospital Ormond Memorial	875 Sterthaus Avenue		Ormond Beach	FL	32174
Florida Hospital Waterman, Inc.	1000 Waterman Way		Tavares	FL	32778
Flowers Hospital	4370 West Main Street		Dothan	AL	36305
Floyd Medical Center	304 Turner McCall Boulevard		Rome	GA	30165
Floyd Memorial Hospital	1850 State Street		New Albany	IN	47150
Forrest General Hospital	6051 Highway 49 South		Hattiesburg	MS	39404-6389
Forsyth Medical Center	3333 Silas Creek Parkway	Clinical Improvement Box 102	Winston-Salem	NC	27103
Fort Sanders Regional Medical Center	1901 Clinch Avenue		Knoxville	TN	37916-2307
Fort Walton Beach Medical Center	1000 Mar Walt Drive		Fort Walton Beach	FL	32547
Forum Health - Northside Medical Center	500 Gypsy Lane		Youngstown	OH	44501-0240
Fountain Valley Regional Hosp	17100 Euclid Street		Fountain Valley	CA	92708-4004
Frankfort Regional Medical Center	299 Kings Daughter Drive		Frankfort	KY	40601

Franklin Square Hospital	9000 Franklin Square Drive		Baltimore	MD	21237
Frederick Memorial Hospital	400 W. Seventh Street		Frederick	MD	21710
Freeman Hospital	1102 W. 32nd Street	1102 W. 32nd Street	Joplin	MO	64804
Freeport Health Network	1045 W. Stephenson Street		Freeport	IL	61032
Fremont Area Medical Center	450 East 23rd Street		Fremont	NE	68025
French Hospital Medical Center	1911 Johnson Avenue		St Luis Obispo	CA	93401
Fresno Community Hospital and Medical Center	2823 Fresno Street		Fresno	CA	93721
Fresno Heart Hospital	15 East Audubon Drive		Fresno	CA	93720
Froedtert Hospital	9200 W. Wisconsin Avenue		Milwaukee	WI	53226
Frye Regional Medical Center	420 N. Center Street		Hickory	NC	28601
Gadsden Regional Medical Center	1007 Goodyear Avenue		Gadsden	AL	35903
Galichia Heart Hospital	2610 N. Woodlawn Boulevard		Wichita	KS	67220
Garden City Hospital	6245 Inkster Road		Garden City	MI	48135
Garden Grove Hospital	12601 Garden Grove Boulevard		Garden Grove	CA	92843
Gaston Memorial Hospital	2525 Court Drive		Gastonia	NC	28054

Gateway Medical Center/Gateway Health System	651 Dunlap Lane	Clarksville	TN	37043
Gateway Regional Medical Center	2100 Madison Avenue	Granite City	IL	62040
Geisinger Medical Center	100 North Academy Avenue	Danville	PA	17822-2160
Geisinger Wyoming Valley Medical Center	100 North Academy Avenue	Danville	PA	17822-2160
Genesis Medical Center	1236 East Rusholme Street	Davenport	IA	52803-2459
Genesis Medical Center, Illini Campus	801 Illini Drive	Silvis	IL	61282
Genesys Regional Medical Center	One Genesys Parkway	Grand Blanc	MI	48439
Georgetown University Hospital	3800 Reservoir Road NW	Washington	DC	20007
Gerald Champion Regional Medical	2669 North Scenic Drive	Alamogordo	NM	88310
Glenbrook Hospital	2100 Pffingsten Road	Evanston	IL	60026
Glendale Adventist Medical Center	1509 Wilson Terrace	Glendale	CA	91206
Glendale Memorial Hospital and Health Center	1420 S. Central Avenue	Glendale	CA	91204
Glens Falls Hospital	100 Park Street	Glens Falls	NY	12801
Glenwood Regional Medical Center	503 McMillan Road	West Monroe	LA	71291

Good Samaritan Heart Center	520 South 7 th Street		Vincennes	IN	47591
Good Samaritan Hospital and Health Center	2222 Philadelphia Drive		Dayton	OH	45406
Good Samaritan Hospital	2425 Samaritan Drive	2425 Samaritan Drive	San Jose	CA	95124
Good Samaritan Hospital	605 N. 12 th Street		Mount Vernon	IL	62864
Good Samaritan Hospital	3815 Highland Avenue		Downers Grove	IL	60515
Good Samaritan Hospital	375 Dixmyth Avenue		Cincinnati	OH	45220-2489
Good Samaritan Hospital	1225 Wilshire Boulevard		Los Angeles	CA	90017
Good Samaritan Hospital	10 East 31 st Street		Kearney	NE	68848
Good Samaritan Hospital	255 Lafayette Avenue		Suffern	NY	10901
Good Samaritan Hospital Cardiology	1000 Montauk Highway		West Islip	NY	11795
Good Samaritan Hospital of Maryland	5601 Loch Raven Boulevard		Baltimore	MD	21239
Good Samaritan Medical Center	1309 North Flagler Drive		West Palm Beach	FL	33401
Good Samaritan Regional Medical Center	3600 NW Samaritan Drive		Corvallis	OR	97330

Good Shepherd Medical Center	700 East Marshall Avenue		Longview	TX	75601
Goshen General Hospital	200 High Park Avenue		Goshen	IN	46526
Governor Juan F. Luis Hospital & Medical Center	4007 Estate Diamond Ruby		Christiansted	VI	00820
Graduate Hospital	1800 Lombard Street		Philadelphia	PA	19146
Grady Health System	80 Jessie Hill Jr. Drive SE		Atlanta	GA	30303
Grady Memorial Hospital	561 West Central Avenue		Delaware	OH	43015-1489
Grand Strand Regional Medical Center	809 82nd Parkway		Myrtle Beach	SC	29572
Grandview Medical Center	405 Grand Avenue		Dayton	OH	45405
Grant Medical Center	111 S. Grant Avenue		Columbus	OH	43215
Gratiot Medical Center	4401 Campus Ridge Drive		Midland	MI	48670
Great Plains Regional Medical Center	Box 2339		Elk City	OK	73648
Greater Baltimore Medical Center	GBMC - Cardiac Cath Lab	6701 N. Charles Street	Towson	MD	21204
Greene Memorial Hospital	1141 N. Monroe Drive		Xenia	OH	45385

Greenview Regional Hospital	1801 Ashley Circle		Bowling Green	KY	42104
Greenville Memorial Hospital	701 Grove Road		Greenville	SC	29605
Greenwich Hospital	5 Perryridge Road		Greenwich	CT	06830
Gulf Coast Medical Center	449 W. 23 rd Street		Panama City	FL	32406-5309
Gulf Coast Medical Center	1400 Highway 59		Wharton	TX	77488
Gulf Coast Medical Center (formerly Southwest Regional)	636 Del Prado Boulevard Suite 104		Cape Coral	FL	33990
Gundersen Lutheran Medical Center, Inc.	1900 South Avenue	H06-004	LaCrosse	WI	54601
Gwinnett Hospital System	1000 Medical Center Boulevard		Lawrenceville	GA	30045
Hackensack University Medical Center	30 Prospect Avenue		Hackensack	NJ	07601
Hahnemann University Hospital	230 N. Broad Street		Philadelphia	PA	19102
Halifax Medical Center	303 N. Clyde Morris Boulevard		Daytona Beach	FL	32114-2732
Halifax Regional Hospital	2204 Wilborn Avenue		South Boston	VA	24592
Hamilton Medical Center	1200 Memorial Drive		Dalton	GA	30720
Hamot Medical Center	201 State Street		Erie	PA	16550

Hannibal Regional Hospital	6000 Hospital Drive	Hannibal	MO	63401
Harbor Hospital Center	3001 S. Hanover Street	Baltimore	MD	21225
Hardin Memorial Hospital	913 N Dixie Avenue	Elizabethtown	KY	42701
Harlingen Medical Center	5501 South Expressway 77	Harlingen	TX	78550
Harper University Hospital	3990 John R. Street	Detroit	MI	48201
Harris Methodist Fort Worth	1301 Pennsylvania Avenue	Fort Worth	TX	76104
Harris Methodist HEB	1600 Hospital Parkway	Bedford	TX	76022
Harrison Medical Center	2520 Cherry Avenue	Bremerton	WA	98310
Hartford Hospital	80 Seymour Street	Hartford	CT	06102-8000
Harton Regional Medical Center	1801 N. Jackson Street	Tulahoma	TN	37388
Havasü Regional Medical Center	101 Civic Center Lane	Lake Havasu City	AZ	86403
Hawaii Medical Center East, LLC	2230 Liliha Street	Honolulu	HI	96817
Hawaii Medical Center West	91-2141 Fort Weaver Road	Ewa Beach	HI	96706
Hays Medical Center	2220 Canterbury Road	Hays	KS	67601
Hazard ARH Regional Medical Center	100 Medical Center Drive	Hazard	KY	41701

Health Care Authority for Baptist Health	2105 East South Boulevard		Montgomery	AL	36116
Heart and Lung Clinic	900 East Broadway Box 5510		Bismarck	ND	58502
Heart Center of Indiana	8333 Nabb Road Suite 330	Suite 330	Indianapolis	IN	46290
Heart Hospital of Austin	3801 N. Lamar Boulevard		Austin	TX	78756
Heart Hospital of Lafayette	1105 Kaliste Saloom Road		Lafayette	LA	70508
Heart Hospital of New Mexico	504 Elm Street NE		Albuquerque	NM	87102
Heart of Florida Regional Medical Center	40100 Highway 27		Davenport	FL	33837
Heart of Lancaster Regional Medical Center	250 College Avenue		Lancaster	PA	17604
Heartland Regional Medical Center	3333 W. Deyoung Street		Marion	IL	62959
Heartland Regional Medical Center	The Heart Center – Cardiac Cath Lab	5325 Farson Street	Saint Joseph	MO	64506-3373
Helen Ellis Memorial	1395 South Pinella Avenue		Tarpon Springs	FL	34689
Hellen Keller Hospital	1300 South Montgomery Avenue		Sheffield	AL	35660
Hemet Valley Medical Center	1117 E. Devonshire Avenue		Hemet	CA	92543
Hendersonville Medical Center	355 New Shackle Island Road		Hendersonville	TN	37075

Hendrick Medical Center	1900 Pine Street		Abilene	TX	79601
Hennepin County Medical Center	701 Park Avenue		Minneapolis	MN	55415-1829
Henrico Doctors Hospital	1602 Skipwith Road	Cardiac Cath Lab	Richmond	VA	23229
Henry Ford Hospital	2799 W. Grand Boulevard	K-14	Detroit	MI	48202
Henry Ford Macomb	15855 Nineteen Mile Road		Clinton Township	MI	48038
Henry Ford Macomb-Warren	13355 East Ten Mile Road		Warren	MI	48089
Henry Mayo Newhall Memorial Hospital	23845 McBean Parkway		Valencia	CA	91350
Henry Medical Center, Inc.	1133 Eagles Landing Parkway		Stockbridge	GA	30281
Hialeah Hospital	651 East 25 th Street		Hialeah	FL	33013
High Point Regional Hospital	601 N. Elm Street		High Point	NC	27261
Highland Park Hospital	718 Glenview Avenue		Highland Park	IL	60035
Hillcrest Baptist Medical Center	3000 Herring Avenue		Waco	TX	76708
Hillcrest Hospital	6780 Mayfield Road		Mayfield Heights	OH	44124
Hillcrest Medical Center	1120 S. Utica Avenue	3 West	Tulsa	OK	74104
Hilton Head Regional Medical Center	25 Hospital Center Boulevard		Hilton Head	SC	29925

HMA-Physician Management Region 25 Disb. Acct. (Physician's Regional)	6101 Pine Ridge Road		Naples	FL	34119
Hoag Memorial Hospital Presbyterian	One Hoag Drive		Newport Beach	CA	92658
Holland Community Hospital	602 Michigan Avenue		Holland	MI	49423
Hollywood Medical Center	3600 Washington Street		Hollywood	FL	33021
Holmes Regional Medical Center	1355 South Hickory Street Suite 203		Melbourne	FL	32901
Holy Cross Hospital	4725 N. Federal Highway		FT. Lauderdale	FL	33308
Holy Cross Hospital	2701 W. 68 th Street		Chicago	IL	60629
Holy Cross Hospital Medical Library	1500 Forest Glen Road		Silver Spring	MD	20910
Holy Spirit Health System	503 N 21 st Street	Heart Center Admin.	Camp Hill	PA	17011-2204
Holzer Cardiovascular Institute	90 Jackson Pike		Gallipolis	OH	45631
Hopkins County Memorial Hospital	115 Airport Road		Sulphur Springs	TX	75482
Hospital Auxilio Mutuo de Puerto Rico	PO Box 191277		San Juan	PR	00919-1227
Hospital of St. Raphael	Cardiac Cath Lab, 1450 Chapel Street		New Haven	CT	06511

Hospital of the University of Pennsylvania	9011 E. Gates 3400 Spruce Street	Philadelphia	PA	19104
Houston Northwest Medical Center Accounts Payable	710 FM 1960 Road West	Houston	TX	77090
Howard County General Hospital	5755 Cedar Lane	Columbia	MD	21044
Howard Regional Health System	3500 South La Fountain Street	Kokomo	IN	46904-9011
Howard University Hospital	2041 Georgia Avenue	Washington	DC	20060
Huguley Memorial Medical Center	11801 South Freeway	Ft. Worth	TX	76115
Huntington Hospital	100 W. California Boulevard	Pasadena	CA	91109
Huntington Hospital	270 Park Avenue	Huntington	NY	11743
Huntsville Hospital	101 Sivley Road	Huntsville	AL	35801
Iberia Medical Center	2315 East Main Street	New Iberia	LA	70560
Immanuel-St. Joseph's Hospital	1025 Marsh Street	Mankato	MN	56001
Indian River Medical Center	1000 36 th Street	Vero Beach	FL	32960
Indiana Heart Institute	8333 Naab Rd	Indianapolis	IN	46260
Indiana Regional Medical Center Cardiology Department	835 Hospital Road	Indiana	PA	15701
Ingalls Hospital	One Ingalls Drive	Harvey	IL	60426

Ingham Regional Medical Center	401 W. Greenlawn Avenue		Lansing	MI	48910
Innovis Health	3000 32 nd Avenue SW		Fargo	ND	58104
Inova Alexandria Hospital	3289 Woodburn Road		Falls Church	VA	22042
Inova Fairfax Hospital/Inova Heart & Vascular Institute	3300 Gallows Road		Falls Church	VA	22042
Inova Loudoun Hospital	3289 Woodburn Road	Suite 235	Falls Church	VA	22042
Integrus Baptist Medical Center	3433 NW 56 th Street, Suite 805		Oklahoma City	OK	73112
Integrus Health	600 S. Monroe Street		Enid	OK	73701
Integrus Southwest Medical Center	4401 South Western Avenue		Oklahoma City	OK	73109
Interfaith Medical Center	1545 Atlantic Avenue		Brooklyn	NY	11213
Intermountain Medical Center	PO Box 577000		Murray	UT	84157-7000
Iowa Lutheran Hospital	700 E. University Avenue		Des Moines	IA	50316
Iowa Methodist Medical Center	700 E. University Avenue		Des Moines	IA	50316
Iredell Memorial Hospital	557 Brookdale Drive		Statesville	NC	28687

Iroquois Memorial Hospital	200 Fairman Avenue	Watseka	IL	60970
Jackson Hospital and Clinic	1725 Pine Street	Montgomery	AL	36106
Jackson Madison General Hospital	708 West Forrest Avenue	Jackson	TN	38301
Jackson Memorial Hospital	1611 N.W. 12 th Avenue	Miami	FL	33136
Jacobi Medical Center	1400 Pelham Parkway	Bronx	NY	10461-1101
Jamaica Hospital Medical Center	8900 VanWyck Expressway	Jamaica	NY	11418
Jane Phillips Memorial Medical Center	3500 Frank Phillips Boulevard	Bartlesville	OK	74006
Jeanes Hospital	7600 Central Avenue	Philadelphia	PA	19111
Jeff Anderson Regional Medical Center	2124 14 th Street	Meridian	MS	39301
Jefferson Memorial Hospital	PO BOX 350	Crystal City	MO	63019
Jefferson Regional Medical Center	1600 West 40 th Avenue	Pine Bluff	AR	71603
Jefferson Regional Medical Center	PO Box 18119 565 Coal Valley Road	Pittsburgh	PA	15236-0119
Jennie Edmundson Memorial Hospital	933 E. Pierce Street	Council Bluffs	IA	51503
Jersey City Medical Center	355 Grand Street	Neptune	NJ	07307

Jersey Shore University Medical Center	1945 State Route 33	Neptune	NJ	07753
Jewish Hospital	4777 East Galbraith Road	Cincinnati	OH	45236
Jewish Hospital	200 Abraham Flexner Way	Louisville	KY	40202
JFK Medical Center	5631 Glencrest Boulevard	Tampa	FL	33625-1008
John C. Lincoln Hospital - Deer Valley	19829 N. 27 th Ave.	Phoenix	AZ	85027-4002
John C. Lincoln Hospital - North Mountain	250 E. Dunlap Avenue	Phoenix	AZ	85020-2871
John F. Kennedy Memorial Hospital	47-111 Monroe Street	Indio	CA	92201
John Muir Medical Center - Concord Campus	1601 Ygnacio Valley Road	Walnut Creek	CA	94550
John Muir - Walnut Creek	1601 Ygnacio Valley Road	Walnut Creek	CA	94550
Johns Hopkins Bayview Medical Center	4940 Eastern Avenue	Baltimore	MD	21224
Johns Hopkins Hospital	600 N. Wolfe Street	Baltimore	MD	21287
Johnson City Medical Center Hosp	400 N State of Franklin	Johnson City	TN	37604

Jordan Valley Hospital	3580 W. 9000 S.		West Jordan	UT	84088
Kadlec Medical Center	888 Swift Boulevard		Richland	WA	99352
Kaiser Foundation Hospital	1526 Edgemont Street		Los Angeles	CA	90027
Kaiser Foundation Hospital	6600 Bruceville Road		Sacramento	CA	95823
Kaiser Permanente - Moanalua Medical Center	3288 Moanalua Road		Honolulu	HI	96819
Kaiser Permanente - Panorama City	13652 Cantara Street		Panoram City	CA	91402
Kaiser Permanente - San Diego Medical Center	4647 Zion Avenue		San Diego	CA	92120
Kaiser Permanente Medical Center	2350 Geary Boulevard	1 st Floor - CV Surgery	San Francisco	CA	94115
Kaiser Permanente Medical Center - Santa Clara	710 Lawrence Expressway	Department 212	Santa Clara	CA	95051
Kaiser Permanente Medical Center Health Sciences Library	9400 E. Rosecrans Avenue		Bellflower	CA	90706
Kaiser Sunnyside Medical Center	10180 SE Sunnyside Road		Clackamas	OR	97015
Kansas Heart Hospital	3601 N Webb Road		Wichita	KS	67226
Kansas Heart Hospital	3601 N Webb Road		Wichita	KS	67226

Kansas Medical Center	1124 West 21 st Street		Andover	KS	67002
Kansas University Hospital Authority	3901 Rainbow Boulevard		Kansas City	KS	66160
Kapi'olani Medical Center Pali Momi	98-1079 Moanalua Road		Aiea	HI	96701
Katherine Shaw Betha Hospital	403 E. First Street		Dixon	IL	61021
Kaweah Delta Hospital District	Kaweah Delta Hospital District	400 W. Mineral King Avenue	Visalia	CA	93291
Kendall Regional Medical Center	5631 Glencrest Boulevard		Tampa	FL	33625-1008
Kershaw County Medical Center	1315 Roberts Street		Camden	SC	29020
Kettering Medical Center	3535 Southern Boulevard		Kettering	OH	45429
Kingman Regional Medical Center	3269 Stockton Hill Road		Kingman	AZ	86401
Kings Daughters Hospital	1901 Southwest H.K. Dodgen Loop		Temple	TX	76502
Kings Daughters Medical Center	2201 Lexington Avenue		Ashland	KY	41101
Kingwood Medical Center	22999 Highway 59 N		Kingwood	TX	77339
Kishwaukee Community Hospital	One Kish Hospital Drive		Dekalb	IL	60115
Knox Community Hospital	1330 Coshocton Road		Mount Vernon	OH	43050

	2003 Lincoln Way	Coeur d' Alene	ID	83814
Kootenai Medical Center	2003 Lincoln Way			
Kuakini Medical Center	347 North Kuakini Street	Honolulu	HI	96817
Lafayette General Medical Center	1214 Coolidge Avenue	Lafayette	LA	70505
LaGrange Memorial Hospital	120 North Oak Street	Hinsdale	IL	60521
Lahey Clinic	41 Mall Road	Burlington	MA	01805
Lake Charles Memorial Hospital	1701 Oak Park Boulevard	Lake Charles	LA	70601
Lake City Medical Center	340 NW Commerce Boulevard	Lake City	FL	32055
Lake Hospital System	36000 Euclid Avenue	Willoughby	OH	44094
Lake Pointe Medical Center	6800 Scenic Drive	Rowlett	TX	75088
Lake Regional Health System	54 Hospital Drive	Osage Beach	MO	65065
Lakeland Hospital	1234 Napier Avenue	Saint Joseph	MI	49085-2112
Lakeland Regional Medical Center	1324 Lakeland Hills Boulevard	Lakeland	FL	33804
Lakeside Hospital	6901 N. 72 nd Street Suite 3300	Omaha	NE	68122
Lakeview Regional Medical Center	95 East Fairway Drive	Covington	LA	70433-7500
Lakeway Regional Hospital	726 McFarland Street	Morristown	TN	37814
Lakewood Hospital	14519 Detroit Avenue	Lakewood	OH	44107

Lakewood Ranch Medical Center	8330 Lakewood Ranch Boulevard	Bradenton	FL	34202
Lakewood Regional Medical Center	3700 East South Street	Lakewood	CA	90712
Lancaster Community Hosp.	43830 North 10 th Street West	Lancaster	CA	93534
Lancaster General Hospital	555 N. Duke Street PO Box 3555	Lancaster	PA	17604-3555
Lancaster Regional Medical Center	250 College Avenue	Lancaster	PA	17604
Landmark Medical Center	115 Cass Avenue	Woonsocket	RI	02895
Lane Regional Medical Center	6300 Main Street	Zachary	LA	70791
Lankenau Hospital	Suite 557 Lankenau MOB East	Wynnewood	PA	19096
La Porte Hospital	1007 Lincolnway	La Porte	IN	46352
Laredo Medical Center	1720 Bustamante Street	Laredo	TX	78044
Largo Medical Center	201 14 th Street SW	Largo	FL	33770
Las Colinas Medical Center	6800 North MacArthur Boulevard	Irving	TX	75039
Las Palmas Medical Center	1801 N. Oregon Street	El Paso	TX	79902
Latrobe Hospital	One Mellon Way	Latrobe	PA	15601
Lawnwood Medical Center	1700 S. 23 rd Street	Fort Pierce	FL	34950
Lawrence & Memorial Hospital	365 Montauk Avenue	New London	CT	06375

Lawrence Hospital	55 Palmer Avenue		Broxville	NY	10708-3491
Lee Memorial Health System-Cape Coral Hospital	276 Cleveland Avenue		Fort Myers	FL	33901
Lee Memorial Health System-Health Park Med Center	276 Cleveland Avenue		Fort Myers	FL	33901
Lee's Summit Medical Center	2100 SE Blue Parkway		Lee's Summit	MO	64063
Leesburg Regional Medical Center	600 East Dixie Avenue		Leesburg	FL	34748
Legacy Emanuel Hospital	1919 NW Lovejoy Street		Portland	OR	97209
Legacy Good Samaritan Hospital	1919 NW Lovejoy Street		Portland	OR	97209
Legacy Meridian Park Hospital	1919 NW Lovejoy Street		Portland	OR	97209
Legacy Salmon Creek Hospital	1919 NW Lovejoy Street		Portland	OR	97209
Lehigh Regional Medical Center	1500 Lee Boulevard		Lehigh Acres	FL	33963
Lehigh Valley Hospital	1200 S. Cedar Crest Boulevard	Jaindl Pavilion 1 st Floor	Allentown	PA	18103
Lehigh Valley Hospital - Muhlenberg	2545 Schoenersville Road	Invasive Cardiology 3 rd Floor	Bethlehem	PA	18017-7330
Lenoir Memorial Hospital	100 Airport Road		Kinston	NC	28501

Lenox Hill Heart and Vascular Institute of New York	100 East 77 th Street	New York	NY	10021
Lewis Gale Medical Center	1900 Electric Road	Salem	VA	24153
Lexington Medical Center	2720 Sunset Boulevard	West Columbia	SC	29169
Liberty Hospital	2525 Glenn Hendren Drive	Liberty	MO	64068
Licking Memorial Hospital	1320 W. Main Street	Newark	OH	43055
Lima Memorial Hospital	1001 Bellefontaine Avenue	Lima	OH	45804
Little Company of Mary Hospital	4101 Torrance Boulevard	Torrance	CA	90503
Little Company of Mary Hospital	2800 W. 95 th Street	Evergreen Park	IL	60805
Logan General Hospital, LLC	20 Hospital Drive	Logan	WV	25601
Loma Linda University Medical Center	11234 Anderson Street Room 2431	Loma Linda	CA	92354
Long Beach Memorial Medical Center	2801 Atlantic Avenue	Long Beach	CA	90806
Long Island College Hospital	339 Hicks Street	Brooklyn	NY	11201
Long Island Jewish Medical Center	270-05 76 th Avenue	New Hyde Park	NY	11040
Longmont United Hospital	1950 Mountain View Avenue	Longmont	CO	80501

Longview Regional Medical Center	PO Box 14000		Longview	TX	75607
Los Alamitos Medical Center	3751 Katella Avenue		Los Alamitos	CA	90720
Los Robles Hospital & Medical Center	215 W. Janss Road		Thousand Oaks	CA	91360-1899
Louisiana Medical Center and Heart Hospital	64030 Louisiana Highway 434		Lacombe	LA	70445
Lourdes Hospital	1530 Lone Oak Road		Paducah	KY	42003
Lowell General Hospital	295 Varnum Avenue		Lowell	MA	01854
Lower Bucks Hospital	501 Bath Road		Bristol	PA	19007
Lower Keys Medical Center	5900 College Road		Key West	FL	33040
Loyola University Medical Center	2160 S. First Avenue	Rm. 1318 Bldg. 104 Att: Mike	Maywood	IL	60153
LSU Bogalusa Medical Center	433 Plaza Street		Bogalusa	LA	70427
Lubbock Heart Hospital	4810 N. Loop 289		Lubbock	LA	79416
Lutheran Hospital of Indiana	7950 W. Jefferson Boulevard		Fort Wayne	IN	46804
Lutheran Medical Center	150 55 th Street		Brooklyn	NY	11220
Lynchburg General Hospital	1901 Tate Springs Road	Cardiac Cath Lab	Lynchburg	VA	24501-1167
MacNeal Hospital	3249 S. Oak Park Avenue		Berwyn	IL	60402

Magnolia Regional Health Center	611 Alcorn Drive		Corinth	MS	38834
Maimonides Medical Center Division of Cardiology	4802 10th Avenue		Brooklyn	NY	11219
Maine Medical Center	22 Bramhall Street		Portland	ME	04102
Mainland Medical Center	6801 Emmett F. Lowry Expressway		Texas City	TX	77591
Manatee Memorial Hospital	206 Second Street East		Bradenton	FL	34208
Marian Medical Center	1400 East Church Street		Santa Maria	CA	93454
Maricopa Integrated Health System	2601 E. Roosevelt Street		Phoenix	AZ	85008
Marin General Hospital	250 Bon Air Road		Greenbrae	CA	94904
Marion General Hospital	441 N. Wabash Avenue		Marion	IN	46952
Marion General Hospital	1000 McKinley Park Drive		Marion	OH	43302-6397
Marquette General Hospital System	580 W. College Avenue		Marquette	MI	49855
Marshall University School of Medicine	420 West Magnetic Street		Huntington	WV	25701
Martha Jefferson Hospital	459 Locust Avenue		Charlottesville	VA	22902
Martin Memorial Medical Center	PO Box 9010		Stuart	FL	34995
Mary Black Hospital	1700 Skylyn Drive		Spartanburg	SC	29307

Mary Greeley Medical Center	1111 Duff Avenue		Ames	IA	50010
Mary Hitchcock Memorial Hospital	One Medical Center Drive		Lebanon	NH	03756
Mary Immaculate Hospital	5801 Bremono Road	Suite 310 N. Medical Office Building	Richmond	VA	23226
Mary Rutan Hospital	205 Palmer Avenue		Bellefontaine	OH	43311
Mary Washington Hospital	1001 Sam Perry Boulevard		Fredericksburg	VA	22401
Massachusetts General Hospital	55 Fruit Street		Boston	MA	02114
Mat-Su Regional Medical Center	2500 S. Woodworth Loop		Palmer	AR	99645
Maui Memorial Medical Center	221 Mahalani Street		Wailuku	HI	96793
Maury Regional Hospital	1224 Trotwood Avenue		Columbia	TN	38401
Mayo Clinic	4500 San Pablo Road		Jacksonville	FL	32216
Mayo Clinic Arizona	5777 E. Mayo Boulevard		Phoenix	AZ	85054
Mayo Clinic - St. Mary's Hospital	1216 2 nd Street SW		Rochester	MN	55902
McAlester Regional Health Center	1 Clark Bass Boulevard		McAlester	OK	74501
McAllen Medical Center	301 W. Expressway 83		McAllen	TX	78503
MCG Health Inc.	1120 15 th Street		Augusta	GA	30912

	BBR-8521					
McKay-Dee Hospital Center	4401 Harrison Boulevard		Ogden	UT		84405
McKee Medical Center	2000 Boise Avenue		Loveland	CO		80538
McLeod Regional Medical Center	555 E. Chaves Street		Florence	SC		29501
Mease Countryside Hospital	300 Pinellas Street	MS 73	Clearwater	FL		33756
Mease Dunedin Hospital	207 Jeffords Street MS 142		Clearwater	FL		33756
Med Central Mansfield	335 Glessner Avenue		Mansfield	OH		44903
Medcenter One	300 N. 7 th Street		Bismarck	ND		58501
Medical Center at Bowling Green	250 Park Street		Bowling Green	KY		42101
Medical Center Hospital	500 W. 4 th Street		Odessa	TX		79760
Medical Center of Arlington	3301 Matlock Road		Arlington	TX		76015
Medical Center of Aurora	1501 S. Potomac Street		Aurora	CO		80012
Medical Center of Central Georgia	777 Hemlock Street HB 53		Macon	GA		31208
Medical Center of Lewisville	500 West Main Street		Lewisville	TX		75057
Medical Center of Louisiana at New Orleans	1541 Tulane Avenue Room #203 Butterworth Building		New Orleans	LA		70112

Medical Center of McKinney	4500 Medical Center Drive	McKinney	TX	75069
Medical Center of Plano	3901 W. 15 th Street	Plano	TX	75075-7738
Medical Center of South Arkansas, LLC	700 West Grove Street	El Dorado	AR	71730
Medical Center of Southeastern Oklahoma	1800 University Boulevard	Durant	OK	74701
Medical Center of the Rockies	2500 Rocky Mountain Avenue	Loveland	CO	80538
Medical City Dallas Hospital	7777 Forest Lane	Dallas	TX	75230
Medical University of South Carolina	25 Countenay Drive	Charleston	SC	29425-2110
Memorial Health System	1400 E. Boulder Street	Colorado Springs	CO	80909-5599
Memorial Health University Medical Center	Cardiac Cath Lab Memorial Health University Medical Center	Savannah	GA	31404
Memorial Hermann Hospital	6411 Fannin Street	Houston	TX	77030
Memorial Hermann HVI South West	7787 Southwest Freeway	Houston	TX	77074
Memorial Hermann Hospital	921 Gessner Road	Houston	TX	77024
Memorial Hermann Northeast	18951 Memorial North	Humble	TX	77338

Memorial Hermann Northwest Hospital	1635 North Loop West		Houston	TX	77008
Memorial Hermann The Woodlands Hospital	9250 Pinecroft Drive		Spring	TX	77380
Memorial Hospital	800 West 9 th Street		Jasper	IN	47546
Memorial Hospital	2525 Desales Avenue		Chattanooga	TN	37404-1102
Memorial Hospital at Gulfport	4500 13 th Street	PO Box 1810	Gulfport	MS	39502
Memorial Hospital Carbondale	405 W. Jackson Street		Carbondale	IL	65902
Memorial Hospital Miramar	1901 SW 172 Avenue		Miramar	FL	33029
Memorial Hospital of Martinsville	320 Hospital Drive		Martinsville	VA	24112
Memorial Hospital of Rhode Island Brown University	111 Brewster Street		Pawtucket	RI	02860
Memorial Hospital of South Bend	615 N. Michigan Street		South Bend	IN	46601-1033
Memorial Hospital Pembroke/ South Broward Hospital	7800 Sheridan Street		Pembroke Pines	FL	33024
Memorial Hospital West/South Broward Hospital District	703 North Flamingo Road		Pembroke Pines	FL	33028
Memorial Hospital - Jacksonville	3625 University Boulevard South		Jacksonville	FL	32215

Memorial Hospitals Association	1700 Coffee Road		Modesto	CA	95355
Memorial Medical Center	701 N. First Street		Springfield	IL	62781
Memorial Medical Center	2450 S. Telshor Boulevard		Las Cruces	NM	88011
Memorial Medical Center	1086 Franklin Street		Johnstown	PA	15905-4398
Memorial Regional Hospital/South Broward Hospital	3501 Johnson Street		Hollywood	FL	33021
Memphis Hospital (Germantown Campus)	1265 Union Avenue		Memphis	TN	38104-3499
Memphis Hospital (North Campus)	1265 Union Avenue		Memphis	TN	38104-3499
Menifee Valley Medical Center	28400 McCell Boulevard		Sun City	CA	92585
Menorah Medical Center	5721 West 119 th Street		Overland Park	KS	66209
Mercy Fitzgerald Hospital	1500 Lansdowne Avenue		Darby	PA	19023
Mercy General Health Partners	1500 E. Sherman Boulevard		Muskegon	MI	49444
Mercy General Hospital - Sacramento	3939 J Street	Suite 215	Sacramento	CA	95819
Mercy Gilbert Medical Center	3555 South Val Vista Drive	Attn.: Cardiac Cath Lab	Gilbert	AZ	85296

Mercy Health System of Northwestern Arkansas	2710 Rife Medical Lane		Rogers	AR	72756
Mercy Hospital	144 State Street		Portland	ME	04101
Mercy Hospital	2925 Chicago Avenue		Minneapolis	MN	55407
Mercy Hospital - Scranton	746 Jefferson Avenue		Scranton	PA	18501
Mercy Hospital & Medical Center	2525 South Michigan Avenue		Chicago	IL	60616-2477
Mercy Hospital Anderson	7500 State Road		Cincinnati	OH	45255
Mercy Hospital Attn.: Accounts Payable	3663 South Miami Avenue		Miami	FL	33133
Mercy Hospital of Buffalo	515 Abbott Road	Marion Building Suite 306	Buffalo	NY	14220
Mercy Hospital Attn: A/P	271 Carew Street PO Box 9012		Springfield	MA	01102
Mercy Iowa City	500 East Market Street		Iowa City	IA	52245
Mercy Medical Center	2700 Steward Parkway		Roseburg	OR	97470
Mercy Medical Center	801 5 th Street		Sioux City	IA	51101
Mercy Medical Center	1111 6 th Avenue		Des Moines	IA	51101
Mercy Medical Center	1320 Mercy Drive	Cardiology Management and Support	Canton	OH	44708

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Mercy Medical Center	301 St. Paul Place		Baltimore	MD	21202	
Mercy Medical Center	2900 W. 9 th Avenue	Suite 107	Oshkosh	WI	54904	
Mercy Medical Center	701 10 th Street SE		Cedar Rapids	IA	52403	
Mercy Medical Center	1000 North Village Ave		Rockville Centre	NY	11571	
Mercy Medical Center Merced	301 E. 13 th Street		Merced	CA	95340	
Mercy Medical Center Redding	2175 Rosaline Avenue	PO Box 496009	Redding	CA	96049-6009	
Mercy Medical Center - North Iowa	1000 4 th Street SW		Mason City	IA	50401	
Mercy Memorial Health Center Sisters of Mercy	1011 14 th Avenue NW		Ardmore	OK	73401	
Mercy Regional Health Center	1823 College Avenue		Manhattan	KS	67218	
Mercy Regional Medical Center	1010 Three Springs Boulevard		Durango	CO	81301	
Mercy San Juan Hospital	3941 J Street	c/o Mercy General Hospital Administration	Sacramento	CA	95819	
Mercy St. Vincent Medical Center	2213 Cherry Street		Toledo	OH	43608	
MeritCare Hospital	801 Broadway North		Fargo	ND	58122	

	202 South Park Street	10 Tower - Heart Center	Madison	WI	53715
Meriter Hospital					
Methodist Charlton Medical Center (Methodist Health System)	MHS Sam & Anne Kesner Heart Center	1441 N. Beckley Avenue	Dallas	TX	75203
Methodist Dallas Medical Center (Methodist Health System)	MHS Sam & Anne Kesner Heart Center	1441 N. Beckley Avenue	Dallas	TX	75203
Methodist Hospital	7700 Floyd Curl Drive		San Antonio	TX	78229
Methodist Hospital	6500 Excelsior Boulevard 2 nd Floor HVC		St. Louis Park	MN	55426
Methodist Hospital of South CA	300 W Huntington Drive		Arcadia	CA	91007-3402
Methodist Lebonheur Health Care University Hospital (University Campus)	1265 Union Avenue		Memphis	TN	38104-3499
Methodist Mansfield Medical Center	MHS Sam & Anne Kesner Heart Center	1441 N. Beckley Avenue	Dallas	TX	75203
Methodist Medical Center	280 Fort Sanders Boulevard Building 4 Suite 218		Knoxville	TN	37922
Methodist Medical Center of Illinois	221 NE Glen Oak Avenue		Peoria	IL	61636
Methodist Medical Center of Oak Ridge	280 Fort Sanders West Boulevard	Building 4 Suite 218	Knoxville	TN	37922

Methodist Speciality and Transplant Hospital	7700 Floyd Curl Drive		San Antonio	TX	78229
Methodist Stone Oak Hospital	1139 E. Sonterra Boulevard		San Antonio	TX	78258
Methodist Sugar Land Hospital	16655 Southwest Freeway		Sugar Land	TX	77479
Methodist Willowbrook Hospital	18220 Tomball Parkway		Houston	TX	77070
Metro Health Hospital	5900 Byron Center Road		Wyoming	MI	49519
MetroHealth Medical Center	2500 MetroHealth Drive		Cleveland	OH	44109
Metroplex Hospital	2201 S. Clear Creek Road		Killeen	TN	76549
Metropolitan Methodist Hospital	1310 McCullough Avenue		San Antonio	TX	78212
MetroSouth Medical Center	12935 Gregory Street		Blue Island	IL	60406-2470
Metro West Medical Center	115 Lincoln Street	Cardiac Cath Lab	Framingham	MA	01702-6327
Miami Valley Hospital	One Wyoming Street		Dayton	OH	45409
Michael Reese Hospital	2929 S. Ellis Avenue		Chicago	IL	60616
Middle Tennessee Medical Center	400 N. Highland Avenue		Murfreesboro	TN	37130
Midland Memorial Hospital	2200 W. Illinois Avenue c/o Heart Institute		Midland	TX	79701
Midlands-Community Hospital	6901 N. 72nd Street		Omaha	NE	68122

MidMichigan Medical Center-Midland	4005 Orchard Drive		Midland	MI	48670
Midwest Regional Medical Center	2825 Parklawn Drive		Midwest City	OK	73110
Milford Regional Medical Center	14 Prospect Street		Milford	MA	01568
Millard Fillmore Hospital	3 Gates Circle	Room 4-EB-13	Buffalo	NY	14209
Millard Fillmore Suburban	100 High Street		Buffalo	Ny	14203
Mills-Peninsula Hospital	1783 Elcamino Real		Burlingame	CA	94010
Miriam Hospital	164 Summit Avenue		Providence	RI	02906
Mission Hospital Regional Medical Center	27700 Medical Center Road		Mission Viejo	CA	92691-6426
Mission Hospitals, Inc.	509 Biltmore Avenue		Asheville	NC	28801-4690
Mission Regional Medical Center	900 S. Bryan Road		Mission	TX	78572
Mississippi Baptist Medical Center	1225 N State Street		Jackson	MS	39202-2097
Missouri Baptist Medical Center	3015 N. Ballas Road	3105 North Ballas Road	Saint Louis	MO	63131-2374
Moberly Regional Medical Center	1515 Union Avenue		Moberly	MO	65270
Mobile Infirmary Medical Center	5 Mobile Infirmary Circle		Mobile	AL	36607

Monongalia General Hospital	1200 JD Anderson Drive		Morgantown	WV	26505
Monroe Hospital	4011 South Medical Park Boulevard		Bloomington	IN	47403
Montefiore Medical Center	111 East 210th Street		Bronx	NY	10467-2490
Montgomery General Hospital	18101 Prince Philip Drive		Olney	MD	20832
Morris Hospital	150 West High Street		Morris	IL	60450
Morristown Memorial Hospital	100 Madison Avenue		Morristown	NJ	07962
Morton Plant Hospital	300 Pinellas Street	MS 73	Clearwater	FL	33756
Morton Plant North Bay Hospital	6600 Madison Street		New Port Richey	FL	34652
Moses Cone Health System	1200 N. Elm Street		Greensboro	NC	27401
Mother Frances Hospital	800 E. Dawson Street		Tyler	TX	75701
Mount Auburn Hospital	330 Mount Auburn Street	South 2 - Administration	Cambridge	MA	02138
Mount Carmel East	6150 East Broad Street	Office EB 148	Columbus	OH	42313
Mount Carmel St. Ann's Hospital	6150 East Broad Street	Office EB 148	Columbus	OH	42313
Mount Carmel West	6150 East Broad Street	Office EB 148	Columbus	OH	42313
Mount Clemens Regional Medical Center	1000 Harrington Street		Mount Clemens	MI	48043-2992

Mount Sinai Medical Center	4300 Alton Road		Miami Beach	FL	33140
Mountain View Regional Center	4311 E. Lohman Avenue		Las Cruces	NM	88011
Mountain Vista Medical Center	1301 S. Crismon Road		Mesa	AZ	85209
Mountainview Hospital	3100 N. Tenaya Way		Las Vegas	NV	89128
Munroe Regional Medical Center	1500 SW 1 st Avenue PO Box 6000		Ocala	FL	34478
Munson Medical Center	1105 Sixth Street		Traverse City	MI	49684-2386
Muskogee Regional Medical Center	300 Rockefeller Drive		Muskogee	OK	74401
Nacogdoches Medical Center	4920 NE Stallings Drive		Nacogdoches	TX	75965
Naples Community Hospital	350 7 th Street South		Naples	FL	34102
Nashoba Valley Medical Center	200 Groton Road		Ayer	MA	01432
National Park Medical Center	1910 Malvern Avenue		Hot Springs	AR	71901
NEA Baptist Memorial Hospital	3024 Stadium Boulevard		Jonesboro	AR	72401
Nebraska Heart Hospital	7500 South 91 st Street		Lincoln	NE	68526

Nebraska Methodist Hospital	8303 Dodge Street		Omaha	NE	68114
New Hanover Regional Medical Center	2131 S. 17 th Street		Wilmington	NC	28402
New Milford Hospital	21 Elm Street		New Milford	CT	06776
New York Community Hospital	2525 Kings Highway		Brooklyn	NY	11229
New York Hospital Medical Center of Queens Health Education Library	5645 Main Street	Floor 1	Flushing	NY	11355
New York Methodist Hospital	506 6 th Street Brooklyn		New York City	NY	11215
New York Presbyterian Hospital	6220 West 168 th Street	PH-2	New York City	NY	10032
Newark Beth Israel Medical Center	201 Lyons Avenue at Osborne Terrace		Newark	NJ	07112
Niagara Falls Memorial Medical Center	621 Tenth Street		Niagara Falls	NY	14302
Nicholas H. Noyes Memorial Hospital	111 Clara Barton Street		Dansville	NY	14437
NIX Healthcare System	414 Navarro Street		San Antonio	TX	78205
Norman Regional Health System	PO Box 1308		Norman	OK	73070-1308

North Austin Medical Center	5103 Hereford Way		Austin	TX	78727
North Bay Medical Center	1200 B. Gale Wilson Boulevard		Fairfield	CA	94533
North Broward Medical Center	201 E. Sample Road		Pompano Beach	FL	33064
North Carolina Baptist Hospital	Medical Center Boulevard		Winston-Salem	NC	27157
North Central Baptist Hospital	730 North Main Avenue	Suite 409	San Antonio	TX	78205
North Colorado Medical Center	1801 16 th Street		Greeley	CO	80631
North Cypress Medical Center	21214 Northwest Freeway		Cypress	TX	77429
North Florida Regional Medical Center	6500 Newberry Road		Gainesville	FL	32605
North Hills Hospital	4401 Booth Calloway Road		North Richland Hills	TX	76180
North Kansas City Hospital	2800 Clay Edward Drive		North Kansas City	MO	64116
North Memorial Medical Center	3300 Oakdale Avenue, N		Robbinsdale	MN	55422
North Mississippi Medical Center	830 S. Gloster Street		Tupelo	MS	38801
North Oaks Medical Center	15790 Paul Vega MD Drive		Hammond	LA	70403
North Shore Medical Center	1100 NW 95 th Street		Miami	FL	33150

North Shore Medical Center FMC Campus	5000 W. Oakland Park Boulevard		Ft. Lauderdale	FL	33313
North Shore Medical Center - Salem Hospital	81 Highland Avenue	Davenport 5	Salem	MA	01970
North Shore University Medical System Cardiology					
North Shore University Hospital	300 Community Drive		Manhasset	NY	11030
North Suburban Medical Center	9191 Grant Street		Denver	CO	80229
North Vista Hospital	1409 E. Lake Mead Boulevard		North Las Vegas	NV	89030
Northeast Alabama Regional Medical Center	400 East 10th Street		Anniston	AL	36202
Northeast Baptist Hospital	730 N. Main Avenue	Suite 409	San Antonio	TX	78205
Northeast Georgia Medical Center	743 Spring Street		Gainesville	GA	30501
NorthEast Medical Center	920 Church Street North		Concord	NC	28025
Northeast Methodist Hospital	12412 Judson Road		San Antonio	TX	78233
Northeast Regional Medical Center	315 S. Osteopathy		Kirksville	MO	63501
Northern Illinois Medical Center	4201 Medical Center Drive		McHenry	IL	60050

Northern Michigan Regional Hospital	416 Connable Avenue		Petoskey	MI	49770
Northern Nevada Medical Center	2375 E. Prater Way		Sparks	NV	89434
Northlake Medical Center	1455 Montreal Road		Tucker	GA	30084
Northridge Hospital Medical Center	18300 Roscoe Avenue		Northridge	CA	91325
Northshore Regional Medical Center	100 Medical Center Drive		Slidell	LA	70461
Northside Hospital	1000 Johnson Ferry Road		Atlanta	GA	30342
Northside Hospital	6000 49 th Street, N		Pinellas Park	FL	33709
Northside Hospital - Forsyth	1200 Northside Forsyth Drive		Cumming	GA	30041
Northwest Community Hospital	800 W. Central Road		Arlington Heights	IL	60005
Northwest Hospital	1550 North 115 th Street		Seattle	WA	98113
Northwest Hospital Center	5401 Old Court Road		Randallstown	MD	21133
Northwest Medical Center	2801 N. State Road 7		Margate	FL	33063
Northwest Medical Center	Northwest Medical Center	6200 N. La Cholla Boulevard	Tucson	AZ	85741
Northwest Medical Center - Bentonville	3000 Medical Center Parkway		Bentonville	AR	72712
Northwest Arkansas Hospitals LLC, dba NMC	609 West Maple Street		Springdale	AR	72764

Northwest Mississippi Regional Medical Center	1970 Hospital Drive	Clarksdale	MS	38614
Northwestern Memorial Hospital	676 N. St. Clair Street, Suite 1700	Chicago	IL	60611
Norton Audubon	PO Box 35070	Louisville	KY	40232
Norton Hospital	PO Box 35070	Louisville	KY	40232
Norwalk Hospital	24 Stevens Street	Norwalk	CT	06856
NYU Medical Center	560 First Avenue	New York	NY	10016
Oak Hill Hospital	11375 Cortez Boulevard	Brooksville	FL	34613
Obici Hospital	2800 Godwin Boulevard	Suffolk	VA	23434
Ocala Regional Medical Center	1431 SW First Avenue	Ocala	FL	34474
Ocean Springs Hospital	3109 Bienville Boulevard	Ocean Springs	MS	39564
Ochsner Medical Center - Baton Rouge	17000 Medical Center Drive	Baton Rouge	LA	70816
Ochsner Medical Center - West Bank	2500 Belle Chasse Highway	Gretna	LA	70056
Ochsner Medical Center - Kenner (Kenner Regional Medical Center)	180 West Esplanade Avenue	Kenner	LA	70065
Ochsner Medical Foundation	1514 Jefferson Highway	New Orleans	LA	70121
Oconee Regional Medical Center	812 N. Cobb Street	Milledgeville	GA	31061
O'Connor Hospital	2105 Forest Avenue	San Jose	CA	95128

Odessa Regional Hospital	520 East Sixth Street	Odessa	TX	79760
Ogden Regional Medical Center	5475 South 500 East	Ogden	UT	84403
Ohio Valley Medical Center	2000 Eoff Street	Wheeling	WV	26003
Oklahoma Heart Hospital	4050 W. Memorial Road	Oklahoma City	OK	73120
Oklahoma State University Medical Center	744 W. 9 th Street	Tulsa	OK	74127
Olathe Medical Center	20333 W. 151 st Street	Olathe	KS	66061-7211
Opelousas General Health System	539 E. Prudhomme Street	Opelousas	LA	70570
Orange Coast Memorial Medical Center	9920 Talbert Avenue	Fountain Valley	CA	92708
Orange Regional Medical Center	60 Prospect Avenue	Middletown	NY	10940
Oregon Health & Science University	3181 SW Sam Jackson Road	Portland	OR	97239
Orlando Regional Medical Center	1414 Kuhl Avenue	Orlando	FL	32806
Osceola Regional Medical Center	700 W. Oak Street	Kissimmee	FL	34745
OSF Saint Anthony Medical Center	5666 East State Street	Rockford	IL	61108
OSF Saint Joseph Medical Center	2200 E. Washington Street	Bloomington	IL	61701

OSF Saint Francis Medical Center	530 N.E. Glen Oak Avenue	Peoria	IL	61637
QU MEDICAL CENTER	700 NE 13 th Street	Oklahoma City	OK	73104
Our Lady of Lourdes Medical Center	1600 Haddon Avenue	Camden	NJ	08103
Our Lady of Lourdes Regional Medical Center	611 Saint Landry Street PO Box 4027	Lafayette	LA	70506
Our Lady of The Lake Regional	5000 Hennessy Boulevard	Baton Rouge	LA	70808-4350
Our Lady of the Resurrection Medical Center	5645 W. Addison Street	Chicago	IL	60634
Overlake Hospital Medical Center	1035 116 th Avenue NE	Bellevue	WA	98004
Overland Park Regional Medical Center/ Health Midwest	10500 Quivira Road	Overland Park	KS	66215
Owensboro Medical Health System	811 E. Parrish Avenue	Owensboro	KY	42303
Ozarks Medical Center	1100 Kentucky Avenue	West Plains	MO	65775
P and S Surgical Hospital	312 Grammont Street	Monroe	LA	71201

Palm Beach Gardens Medical Center	3360 Burns Road		Palm Beach Gardens	FL	33410
Palmetto General Hospital	2001 West 68 th Street		Hialeah	FL	33016
Palmetto Health Heart Hospital	6 Richland Medical Park Drive	Suite 4525	Columbia	SC	29203
Palomar Medical Center	555 East Valley Parkway		Escondido	CA	92025
Palos Community Hospital	12251 S. 80 th Avenue	Cardiovascular Services	Palos Heights	IL	60463-0930
Paoli Hospital	557 Lankenau MOB East	100 Lancaster Avenue	Wynnewood	PA	19096
Paradise Valley Hospital	3929 E. Bell Road		Phoenix	AZ	85032
Paradise Valley Hospital	2400 E. Fourth Street		National City	CA	91950
Paris Regional Medical Center	865 DeShong Drive		Paris	TX	75462
Park Plaza Hospital	1313 Hermann Drive		Houston	TX	77004
Parkland Health and Hospital Systems	5201 Harry Hines Boulevard		Dallas	TX	75235
Parkridge Medical Center	2333 McCallie Avenue		Chattanooga	TN	37404
Parkview Hospital	2200 Randallia Drive		Fort Wayne	IN	46805
Parkview Medical Center	400 W. 16 th Street		Pueblo	CO	81003
Parkway Regional Medical Center	160 NW 170 th Street		North Miami	FL	33169

Parkwest Medical Center	9352 Parkwest Boulevard	Knoxville	TN	37923
Parma Community General Hospital	7007 Powers Boulevard	Parma	OH	44129
Parrish Medical Center	951 N. Washington Avenue	Titusville	FL	32796
Pasco Regional Medical Center	13000 100 Fort King Road	Dade City	FL	33525
PBI Regional Medical Center	350 Boulevard	Passaic	NJ	07055
Peace River Regional Medical	2500 Harbor Boulevard	Port Charlotte	FL	33952
Peninsula Regional Medical Center	100 East Carroll Street	Salisbury	MD	21801
Penn Presbyterian Medical Center	39 th & Market Streets	Philadelphia	PA	19104
Penn State Hershey Medical Center	PO Box 850 H139	Hershey	PA	17033
Pennsylvania Hospital	800 Spruce Street	Philadelphia	PA	19107-6192
Penrose - St. Francis Health Services	2222 North Nevada, #3000	Colorado Springs	CO	80907
Phelps County Regional Medical Center	1000 W. 10 th Street	Rolla	MO	65401
Phoebe Putney Memorial Hospital	417 Third Avenue	Albany	GA	31701
Phoenix Baptist Hospital	2000 W. Bethany Home Road	Phoenix	AZ	85015

Phoenixville Hospital	140 Nutt Road	Phoenixville	PA	19460-3906
Piedmont Hospital	95 Collier Road Suite 2075	Atlanta	GA	30309
Piedmont Medical Center	222 S. Herlong Avenue	Rock Hill	SC	29732
Pikesville Medical Center	911 Bypass Road	Pikesville	KY	41501
Pinnacle Health Invasive Cardiology	111 South Front Street	Harrisburg	PA	17101-2099
Pioneer Valley Hospital	3590 West 9000 South, Suite 315	West Jordan	UT	84088
Pitt County Memorial Hospital	2100 Statonsburg Road	Greenville	NC	27835
Plantation General Hospital	401 NW 42 nd Avenue	Plantation	FL	33317
Plaza Medical Center of Fort Worth	900 Eighth Avenue	Fort Worth	TX	76104
Pocono Medical Center	206 East Brown Street	East Stroudsburg	PA	18301
Pomona Valley Hospital Med Center	1798 N. Garey Avenue	Pomona	CA	91768
Pontiac Osteopathic Hospital	50 N. Perry Street	Pontiac	MI	48342
Poplar Bluff Regional Medical Center	2620 N. Westwood Boulevard	Poplar Bluff	MO	63901
Port Huron Hospital	1221 Pine Grove Avenue	Port Huron	MI	48060
Porter Adventist Hospital	2525 S. Downing Street	Denver	CO	80210-5817

Porter Valparaiso Hospital Campus	814 Laporte Avenue	Valparaiso	IN	46383
Portneuf Medical Center	651 Memorial Drive	Pocatello	ID	83201
Portsmouth Regional Hospital	333 Borthwick Avenue	Portsmouth	NH	03801
Prairie Lakes Healthcare	401 9 th Avenue	Watertown	SD	57201
Presbyterian Healthcare Services	PO Box 26666	Albuquerque	NM	87125
Presbyterian Hospital	200 Hawthorne Lane	Charlotte	NC	28233
Presbyterian Hospital - Denton	3000 I-35 N	Denton	TX	76201
Presbyterian Hospital - Dallas	Presbyterian Hospital	Dallas	TX	75231
Presbyterian Hospital - Plano	6200 West Parker Road	Plano	TX	75093-7914
Presbyterian Intercommunity Hospital	12401 Washington Boulevard	Whittier	CA	90602
Presbyterian/ St. Luke's Medical Center	1719 E. 19 th Avenue	Denver	CO	80218-1235
Prince George's Hospital Center	3001 Hospital Drive	Cheverly	MD	20785
Princeton Baptist Medical Center	Princeton BMC, Nursing Administration 701 Princeton Avenue, SW	Birmingham	AL	35211-1399

Proctor Hospital	5409 N. Knoxville Avenue	Peoria	IL	61614
Promise Regional Medical Center Hutchinson	1701 E. 23rd Avenue	Hutchinson	KS	67501
Protestant Memorial Medical Center	4500 Memorial Drive	Belleville	IL	62226
Provena Covenant Medical Center	1400 West Park Street	Urbana	IL	61801-9901
Provena Mercy Medical Center	1325 North Highland Avenue	Aurora	IL	60506
Provena Saint Joseph Medical Center	333 North Madison Street	Joliet	IL	60435-6595
Provena Saint Marys Hospital	500 West Court Street	Kankakee	IL	60901
Provena St. Joseph Hospital	77 N. Airlite Street	Elgin	IL	60123
Providence Alaska Medical Center	3200 Providence Drive	Anchorage	AK	99508-4662
Providence Everett Medical Center	1321 Coby Avenue	Everett	WA	98206-1147
Providence Health Center	6901 Medical Parkway	Waco	TX	76712
Providence Holy Cross Medical Center	501 South Buena Vista Street	Burbank	CA	91505
Providence Hospital	6801 Airport Boulevard	Mobile	AL	36608
Providence Hospital	2435 Forest Drive	Columbia	SC	29204
Providence Medford Medical	1111 Crater Lake Avenue	Medford	OR	97504
Providence Medical	8929 Parallel Parkway	Kansas City	KS	66112-1689

Center						
Providence Memorial Hospital	2001 North Oregon Street		El Paso	TX		79902
Providence Park Hospital	16001 W. Nine Mile Road		Novi	MI		48374
Providence Portland Medical Center	9205 SW Barnes Road	9205 South West Barnes Road	Portland	OR		97225
Providence Saint Joseph Medical Center	501 South Buena Vista Street		Burbank	CA		91505
Providence Saint Vincent Medical Center	Regional Heart Data Services	9205 South West Barnes Road #33	Portland	OR		97225
Providence St. Peter Hospital	413 N. Lilly Road		Olympia	WA		98506
Providence Tarzana Medical Center	18321 Clark Street		Tarzana	CA		91356-3501
Putnam Hospital Center	670 Stoneleigh Avenue		Carmel	NY		10512
Queen of the Valley Medical Center	1000 Trancas Street		Napa	CA		94558
Queens Medical Center	1301 Punchbowl Street		Honolulu	HI		96813
Rancho Spring Medical Center	25500 Medical Center Drive		Murrieta	CA		92562
Rankin Medical Center	350 Crossgates Boulevard		Brandon	MS		39042

Rapid City Regional Hospital	353 Fairmont Boulevard		Rapid City	SD	57702
Rapides Regional Medical Center	211 4 th Street Box 30101		Alexandria	LA	71301
Raulerson Hospital (HCA)	1796 Highway 441 North		Okeechobee	LA	34972
Redmond Regional Medical Center	501 Redmond Road		Rome	GA	30165
Reedsburg Area Medical Center	2000 N. Dewey Avenue		Reedsburg	WI	53959
Regents of the University of Michigan	300 N. Ingalls Street 7A10		Ann Arbor	MI	48109
Regional Hospital of Jackson	367 Hospital Boulevard		Jackson	TN	38305
Regional Medical Center	225 N. Jackson Avenue		San Jose	CA	95116
Regional Medical Center	3000 St. Matthews Road		Orangeburg	SC	29118
Regional Medical Center	900 Hospital Drive		Madisonville	KY	42431-1644
Regional Medical Center Bayonet Point	14000 Fivay Road		Hudson	FL	34667
Regions Hospital	640 Jackson Street	Mail Stop 11102-M	St. Paul	MN	55101
Reid Hospital & Healthcare Services	1401 Chester Boulevard		Richmond	IN	47374
Renown Regional Medical Center	1155 Mill Street	R 11	Reno	NV	89502

Research Medical Center	2316 East Meyer Boulevard	Cardiology Services	Kansas City	MO	64132
Reston Hospital Center	1850 Town Center Parkway		Reston	VA	20190
Resurrection Medical Center	7435 Talcott Avenue		Chicago	IL	60631
Rex Hospital	4420 Lake Boone Trail		Raleigh	NC	27607
Rhode Island Hospital	593 Eddy Street		Providence	RI	02903
Richardson Regional Medical Center	401 W. Campbell Road		Richardson	TX	75080
Richmond University Medical Center	355 Bard Avenue		Staten Island	NY	10310
Riddle Memorial Hospital	1068 W. Baltimore Pike		Media	PA	19063-5177
Rideout Memorial Hospital	726 4 th Street		Maryville	CA	95901
Ridgecrest Regional Hospital	1081 N. China Lake Boulevard		Ridgecrest	CA	93555
Riley Hospital	1102 Constitution Avenue		Meridian	MS	39301
Rio Grande Regional Hospital	101 E. Ridge Road		McAllen	TX	78503
River Oaks Hospital	1030 River Oaks Drive		Flowood	MS	39232
River Park Hospital	1559 Sparta Road		McMinnville	TN	37110
River Region Medical Center	2100 Highway 61 North		Vicksburg	MS	39183
Riverside Community Hospital	4445 Magnolia Avenue		Riverside	CA	92501
Riverside Medical Center	350 N. Wall Street		Kankakee	IL	60901

Riverside Methodist Hospital	3535 Olentangy River Road		Columbus	OH	43214
Riverside Regional Medical Center	500 J Clyde Morris Boulevard		Newport News	VA	23601
Riverview Hospital	395 Westfield Road		Noblesville	IN	46060
Riverview Regional Medical Center	600 South Third Street	PO Box 268	Gadsden	AL	35901
Robert Packer Hospital	1 Guthrie Square		Gadsden	AL	18840
Robert Wood Johnson University Hospital	1 Robert Wood Johnson Place		New Brunswick	NJ	08901
Robinson Memorial Hospital	6847 N. Chestnut Street		Ravenna	OH	44266
Rochester General Hospital	1425 Portland Avenue		Rochester	NY	14621
Rockford Memorial Hospital	2400 North Rockton Avenue		Rockford	IL	61103
Rogue Valley Medical Center	2825 E. Barnett Road	Performance Improvement Dept.	Medford	OR	97504
Roper Hospital	316 Calhoun Street		Charleston	SC	29401
Rose Medical Center	4567 E. 9th Avenue		Denver	CO	80220-3941
Round Rock Medical Center	2400 Round Rock Medical Center		Round Rock	TX	78681
Rush Hospital	1314 19 th Avenue		Meridian	MS	39301
Rush University Medical Center	1653 West Congress Parkway		Chicago	IL	60612
Rush-Copley Medical Center	2000 Ogden Avenue		Alexander City	AL	60504

Attn: Health Science Library						
Russell Medical Center	3316 Highway 280 PO Box 939		Alexander City	AL	35011	
Rutland Regional Medical Center	160 Allen Street		Rutland	VT	05701	
Sacred Heart Hospital of Pensacola	5151 North 9th Avenue		Pensacola	FL	32504-8721	
Sacred Heart Hospital Attn: A/P	900 W. Clairemont Avenue		Eau Claire	WI	54701	
Sacred Heart Medical Center	770 E. 11th Avenue		Eugene	OR	97401	
Sacred Heart Medical Center	101 W. Eighth Avenue		Spokane	WA	99204	
Saddleback Memorial Medical Center	24451 Health Center Drive		Laguna Hills	CA	92653	
Saint Agnes Medical Center	1303 E. Herndon Avenue		Fresno	CA	93720	
Saint Anthony Medical Center	1201 S. Main Street		Crown Point	IN	46307	
Saint Bernadine Medical Center	2101 N. Waterman Avenue	2101 N. Waterman Avenue	San Bernadino	CA	92404-4836	
Saint Clare's Hospital	611 St. Joseph's Avenue		Marshfield	WI	54449	
Saint Elizabeth Health Center	1044 Belmont Avenue		Youngstown	OH	44511	
Saint Elizabeth Hospital	2700 W. 9th Avenue Suite 107		Oshkosh	WI	54904	
Saint Elizabeth Medical Center-South	1 Medical Village Drive		Edgewood	KY	41017-3403	

Saint Elizabeth Regional Medical Center	555 S. 70th Street	Lincoln	NE	68510-2462
Saint Elizabeth's Hospital	211 South 3rd Street	Belleville	IL	62220-1915
Saint Francis Hospital	2122 Manchester Expressway	Columbus	GA	31904
Saint Francis Hospital	5959 Park Avenue	Memphis	TN	38119
Saint Francis Hospital & Health Center	6161 S. Yale Avenue	Tulsa	OK	74136
Saint Francis Hospital & Medical Center	8111 S. Emerson Avenue	Indianapolis	IN	46237
Saint Francis Hospital & Medical Center	114 Woodland Street	Hartford	CT	06105
Saint Francis Hospital of Evanston	355 Ridge Avenue	Evanston	IL	60202
Saint John Hospital & Medical Center	22151 Moross Road	Detroit	MI	48236-2148
Saint John Macomb-Oakland Hospital	11800 E. 12 Mile Road	Warren	MI	48093
Saint Johns Mercy Medical Center	615 S. New Ballas Road	St. Louis	MO	63141
Saint Joseph - London	310 East 9th Street	London	KY	40741
Saint Joseph Hospital	2900 N. Lake Shore Drive	Chicago	IL	60657-6274
Saint Joseph Hospital	Saint Joseph Hospital & Medical Center	Phoenix	AZ	85013
Saint Joseph Hospital	1100 W. Steward Drive	Orange	CA	92868

Saint Joseph Hospital	2700 Dolbeer Street		Eureka	CA	95501
Saint Joseph Hospital	3001 W. Martin Luther King Boulevard		Tampa	FL	33607
Saint Joseph Hospital	2900 N. Lake Shore Drive		Chicago	IL	60657
Saint Joseph Regional Health Center	2801 Franciscan Street		Bryan	TX	77802-2544
Saint Joseph's Hospital	1824 Murdoch Avenue		Parkersburg	WV	26102-0327
Saint Josephs Hospital / Marshfield Clinic	611 St. Joseph Avenue		Marshfield	WI	54449-1832
Saint Joseph's Hospital of Atlanta	5665 Peachtree Dunwoody Road		Atlanta	GA	30342
Saint Josephs Regional Medical Center - SB	801 East LaSalle Avenue		South Bend	IN	46617
Saint Louis University Hospital	3635 Vista at Grand		Saint Louis	MO	63110
Saint Luke's East - Lee's Summit	100 NE Saint Luke's Boulevard		Lee's Summit	MO	64086
Saint Luke's Hospital	1026 A Avenue, North East		Cedar Rapids	IA	52406-3026
Saint Luke's Hospital	4401 Wornall Road (MAHI 5th Floor)		Kansas City	MO	64111
Saint Luke's Northland	Saint Luke's Hospital	4401 Wornall Road	Kansas City	MO	64111
Saint Luke's Hospital	232 S. Woods Mill Road		Chesterfield	MO	63017-3417
Saint Luke's Regional Medical Center	190 E. Bannock Street		Boise	ID	83712-6241

Saint Margaret Mercy	5454 Hohman Avenue		Hammond	IN	46320
Saint Mary Corwin Medical Center	1008 Minnequa Avenue		Pueblo	CO	81004-3798
Saint Mary Mercy Hospital	36475 West Five Mile Road		Livonia	MI	48154
Saint Mary's Hospital	56 Franklin Street		Waterbury	CT	06706
Saint Mary's Hospital and Regional Medical Center	2635 N. 7th Street		Grand Junction	CO	81501-8209
Saint Mary's Medical Center	2900 First Avenue		Huntington	WV	25702
Saint Mary's Medical Center	3700 Washington Avenue		Evansville	IN	47750
Saint Mary's Regional Medical Center	235 W. Sixth Street		Reno	NV	89503
Saint Peter's Hospital	315 South Manning Boulevard		Albany	NY	12208
Saint Rita's Medical Center	730 West Market Street		Lima	OH	45801-4602
Saint Rose Dominican - Siena Campus	3001 St. Rose Parkway		Henderson	NV	89052
Saint Thomas Health Care Services	4220 Harding Road		Nashville	TN	37236
Saint Vincent Health Center	252 West 25th Street		Erie	PA	16544
Saint Vincent Hospital	123 Summer Street	Suite 270	Worcester	MA	01608
Saint Vincent	170 W. 12th Street		New York	NY	10011

Hospital Manhattan Saint Vincent Medical Center/Health Center	2 St. Vincent Circle	Little Rock	AR	72205
Saint Vincent's Medical Center	2800 Main Street	Bridgeport	CT	06606
Salem Hospital (Regional Health Services)	665 Winter Street SE	Salem	OR	97301-3919
Salina Regional Health Center	400 S. Santa Fe Avenue	Salina	KS	67401
Salinas Valley Memorial Hospital	450 E. Romie Lane	Salinas	CA	93901-4098
Salt Lake Regional Medical Center	1050 E South Temple	Salt Lake City	UT	84102
San Antonio Community Hospital	999 San Bernardino Road	Upland	CA	91786
San Francisco Heart and Vascular Institute	1900 Sullivan Avenue	Daly City	CA	94015
San Jacinto Methodist Hospital	4401 Garth Road	Baytown	TX.	77521
San Joaquin Community Hospital	2615 Eye Street	Bakersfield	CA	93301
San Joaquin General Hospital	500 W. Hospital Road	French Camp	CA	95231
San Juan Regional Medical Center	801 W. Maple Street	Farmington	NM	87401
San Ramon Regional Medical Center	6001 Norris Canyon Road	San Ramon	CA	94583
Sanford USD Medical Center	900 East 54th Street	Sioux Falls	SD	57104

Santa Barbara Cottage Hospital	PO Box 689	Santa Barbara	CA	93102-0689
Santa Rosa Memorial Hospital	1165 Montgomery Drive PO Box 522	Santa Rosa	CA	95402
Sarasota Memorial Hospital	1700 S. Tamiami Trail	Sarasota	FL	34239
Satilla Heart Center	410 Darling Avenue	Waycross	GA	31501
Savoy Medical Center	801 Poincianna Street	Mamou	LA	70554
Scott and White Hospital	2401 South 31st Street	Temple	TX	76508
Scottsdale Healthcare Osborn	7400 E. Osborn Road	Scottsdale	AZ	85260
Scottsdale Healthcare Shea	9003 E. Shea Boulevard - Administration	Scottsdale	AZ	85260
Scottsdale Healthcare Thompson Peak	7400 E. Osborn Road	Scottsdale	AZ	85251
Scripps Green Hospital - La Jolla	10666 North Torrey Pines Road	La Jolla	CA	92037
Scripps Memorial Hospital Encinitas	354 Santa Fe Drive	Encinitas	CA	92024
Scripps Memorial Hospital - La Jolla	9888 Genessee Avenue	La Jolla	CA	92037
Scripps Mercy Hospital - San Diego	4077 5th Avenue	San Diego	CA	92103
Scripps Mercy Hospital - Chula Vista	435 H Street	Chula Vista	CA	91910
Sebastian River Medical Center	13695 US Highway 1	Sebastian	FL	32962

Self Regional Healthcare	1325 Spring Street		Greenwood	SC	29646
Sentara Norfolk General Hospital	600 Gresham Drive		Norfolk	VA	23507
Sentara Obici Hospital	2800 Goodwin Boulevard		Suffolk	VA	23434
Sentara Virginia Beach General Hospital	1060 First Colonial Road		Virginia Beach	VA	23454-0685
Sequoia Hospital	Whipple and Alameda Avenues	170 Alameda de Las Pulgas	Redwood City	CA	94062
Seton Medical Center	1201 W. 38th Street		Austin	TX	78705
Seton Medical Center Williamson	201 Seton Parkway		Round Rock	TX	78665
Shady Grove Adventist Hospital	9901 Medical Center Drive		Rockville	MD	20850
Shands at AGH	801 SW 2nd Avenue		Gainesville	FL	32601
Shands Jacksonville Medical Center	655 West 8th Street		Jacksonville	FL	32209
Sharon Regional Health System	740 E. State Street		Sharon	PA	16146
Sharp Chula Vista Medical Center	8695 Spectrum Center Court		San Diego	CA	92123
Sharp Grossmont	5555 Grossmont Center Drive		La Mesa	CA	91942
Sharp Memorial Hospital	7901 Frost Street		San Diego	CA	92123
Shasta Regional Medical Center	1100 Butte Street		Redding	CA	96001

Shawnee Mission Medical Center	9100 West 74th Street	Shawnee Mission	KS	66204-4004
Shelby Baptist Medical Center	1000 First Street North	Alabaster	AL	35007
Sherman Hospital	934 Center Street	Elgin	IL	60120
Shore Health System of Maryland	219 South Washington Street	Easton	MD	21601
Sierra Medical Center	1625 Medical Center Drive	El Paso	TX	79902
Sierra Providence East Medical Center	1625 Medical Center Drive	El Paso	TX	79902
Sierra Vista Regional Medical Center	1010 S. Murray Avenue	San Luis Obispo	CA	93405
Silver Cross Hospital	1200 Maple Road	Joliet	IL	60432
Simi Valley Hospital & Health Care Services	2975 North Sycamore Drive	Simi Valley	CA	93065
Sinai - Grace Hospital	6071 W. Outer Drive	Detroit	MI	48235
Sinai Hospital of Baltimore	2401 West Belvedere Avenue	Baltimore	MD	21215-5271
Singing River Hospital	3109 Bienville Boulevard	Ocean Springs	MS	39564
Sisters of Charity Hospital	2157 Main Street	Buffalo	NY	14120
Skaggs Community Health Center	PO Box 650	Branson	MO	65615-0650
Skagit Valley Hospital Cardiac Cath Lab	1415 E. Kincaid Street	Mt. Vernon	WA	98273

Skokie Hospital	9600 Gross Point Road	Cardiac Cath Lab	Skokie	IL	60076-1214
Sky Ridge Medical Center	10101 Ridgeway Parkway		Lone Tree	CO	80124
Skyline Medical Center/ HTI Memorial Hospital Corp.	3441 Dickerson Pike		Nashville	TN	37207
Somerset Hospital	225 South Center Avenue		Somerset	PA	15501-2088
South Baldwin Regional Medical Center	1613 N. McKenzie Street		Foley	AL	36535
South Bay Hospital	4016 Sun City Center Boulevard		Sun City Center	FL	33570
South Crest Hospital	8801 S. 101st Avenue E		Tulsa	OK	74133
South Fulton Medical Center	1170 Cleveland Avenue		East Point	GA	30344
South GA Medical Center	PO Box 1727		Valdosta	GA	31603-1727
South Lake Hospital	1099 Citrus Tower Boulevard		Clermont	FL	34711
South Miami Hospital	6200 SW 73 rd Street		Miami	FL	33143
South Nassau Communities Hospital	One Healthy Way		Oceanside	NY	11572
South Shore Hospital	55 Fogg Road		South Weymouth	MA	02190-2432
Southeast Alabama Medical Center	1108 Ross Clark Circle		Dothan	AL	36301
Southeast Baptist Hospital	730 North Main Avenue	Suite 409	San Antonio	TX	78205

Southeast Missouri Hospital	1701 Lacey Street	Cape Girardeau	MO	63701
Southern Hills Hospital	9300 West Sunset Road	Las Vegas	NV	89148
Southern Hills Medical Center	391 Wallace Road	Nashville	TN	37211
Southern New Hampshire Medical Center	8 Prospect Street	Nashua	NH	03060
Southern Ohio Medical Center	1805 27th Street	Portsmouth	OH	45662
Southern Regional Medical Center	11 Upper Riverdale Road SW	Riverdale	GA	30274
Southside Hospital	301 East Main Street	Bayshore	NY	11706
South View Hospital	1997 Miamisburg-Centerville Road	Dayton	OH	45459
Southwest General Health Center	18697 Bagley Road	Middleburg Heights	OH	44130-3417
Southwest General Hospital	7400 Barlite Boulevard	San Antonio	TX	78224
Southwest Medical Center	2810 Ambassador Caffrey Parkway	Lafayette	LA	70506
Southwest MS Regional Medical Center	303 Marion Avenue	McComb	MS	39648
Southwest Washington Medical Center	600 NE 92nd Avenue	Vancouver	WA	98664

Southwestern Medical Center	5602 SW Lee Boulevard		Lawton	OK	73505
Spalding Regional Medical Center	601 South 8th Street		Griffin	GA	30224
Sparks Regional Medical Center	1311 South I Street		Fort Smith	AR	72917-7006
Sparrow Health System	1215 East Michigan Avenue		Lansing	MI	48909-7980
Spartanburg Regional Medical Center	101 East Wood Street	Cardiac Cath Lab / 3 rd Floor Heart Center	Spartanburg	SC	29303
Spectrum Health	100 Michigan Street NE	MC 037, Rm 3825A	Grand Rapids	MI	49503-2560
Spring Branch Medical Center	8850 Long Point Road		Houston	TX	77055
Spring Valley Hospital	5400 S. Rainbow Boulevard		Las Vegas	NV	89118
Springfield Regional Medical Center - High Street Campus	2615 E. High Street		Springfield	OH	45505
Springhill Memorial Hospital	3719 Dauphin Street		Mobile	AL	36608
Springs Memorial Hospital	800 West Meeting Street		Lancaster	SC	29720
SSM St. Joseph Health Center	300 First Capitol Drive		St. Charles	MO	63301
SSM St. Joseph Hospital of Kirkwood	525 Couch Avenue		Kirkwood	MO	63122
St. Anthony Central Hospital	4231 W. 16 th Avenue		Denver	CO	80204-1335

St. Anthony North Hospital	4231 W. 16 th Avenue	Denver	CO	80204
St. James Hospital and Health Centers	3800 West 203 rd Street Suite 207	Olympia Fields	IL	60461
St. Joseph Hospital	700 Broadway	Fort Wayne	IN	46802
St. Joseph Hospital-Oakland	44405 Woodward Avenue	Pontiac	MI	48341-5023
St. Joseph Medical Center	1717 South J Street	Tacoma	WA	98405-4933
St. Josephs Hospital	69 W. Exchange Street	St Paul	MN	55102
St. Joseph Hospital Health Center	301 Prospect Avenue	Syracuse	NY	13203
St. Luke's Cornwall Hospital	70 DuBois Street	Newburgh	NY	12550
St. Mary's Health Care Systems	1230 Baxter Street	Athens	GA	30606
St. Mary's Hospital	400 North Pleasant	Centralia	IL	62801
St. Mary's Regional Medical Center	305 S. 5 th Street	Enid	OK	73701
St. Agnes Hospital	900 Caton Avenue	Baltimore	MD	21229
St. Agnes Hospital	430 E. Division Street	Fond du lac	WI	54935
St. Alexius Medical Center	1555 Barrington Road	Hoffman Estates	IL	60194-1018
St. Alphonsus Regional Medical Center	1055 N. Curtis Road	Boise	ID	83706
St. Anthony Hospital	1000 N. Lee Avenue	Oklahoma City	OK	73102

St. Anthony Memorial Health Centers	301 N. Homer Street	Cath Lab	Michigan City	IN	46360
St. Anthony's Health Care	1200 7 th Avenue North	MS 2019	St. Petersburg	FL	33705
St. Anthony's Medical Center	10010 Kennerly Road		St. Louis	MO	63128-2106
St. Barnabas Medical Center	94 Old Short Hills Road		Livingston	NJ	07039
St. Bernard's Medical Center	225 E. Jackson Avenue		Jonesboro	AR	72401
St. Catherine Hospital East Chicago	1500 South Lake Park Avenue		Hobart	IN	46342
St. Catherine of Siena	50 Route 25A		Smithtown	NY	11787
St. Charles Hospital	200 Belle Terre Road		Port Jefferson	NY	11777
St. Charles Medical Center	2500 North East Neff Road		Bend	OR	97701-6015
St. Clair Hospital	St. Clair Hospital	1000 Bower Hill Road	Pittsburgh	PA	15243
St. Cloud Regional Medical Center	2906 17 th Street		St. Cloud	FL	34769
St. David's Medical Center	919 East 32 nd Street		Austin	TX	78765
St. David's South Austin Hospital	901 W. Ben White Boulevard		Austin	TX	78704
St. Dominic-Jackson Memorial Hospital	969 Lakeland Drive		Jackson	MS	39216
St. Edwards Mercy Medical Center	7301 Rogers Avenue		Ft. Smith	AR	72917-7000

St. Elizabeth Hospital Medical Center	1501 Hartford Street		Lafayette	IN	47904
St. Elizabeth Medical Center	2209 Genesee Street		Utica	NY	13501
St. Francis Health Center	1700 SW 7 th Street		Topeka	KS	66605
St. Francis Hospital	One St. Francis Drive		Greenville	SC	29601
St. Francis Hospital	7 th & Clayton Streets		Wilmington	DE	19805
St. Francis Hospital	333 Laidley Street	PO Box 44 Culloden, WV 25510	Charleston	WV	25322
St. Francis Hospital	100 Port Washington Boulevard		Roslyn	NY	11576
St. Francis Medical Center	211 Saint Francis Drive		Cape Girardeau	MO	63703-5049
St. Francis Medical Center	3630 Imperial Highway		Lynwood	CA	90265
St. Francis Medical Center	309 Jackson Street		Monroe	LA	71201
St. Francis Medical Center	601 Hamilton Avenue		Trenton	NJ	08629
St. Francis North Hospital	309 Jackson Street		Monroe	LA	71201
St. Helena Hospital	10 Woodland Road		St. Helena	CA	94574
St. James Health Care	400 South Clark Street		Butte	MT	59701
St. John Medical Center	1923 S. Utica Avenue	Heart Institute Education/ Research	Tulsa	OK	74104

St. John Medical Center	1615 Delaware Street		Longview	WA	98632
St. John Providence Hospital	16001 W. Nine Mile Road		Southfield	MI	48075
St. John West Shore Hospital	29000 Center Ridge Road		Westlake	OH	44145
St. John's Hospital	800 E. Carpenter Street		Springfield	IL	62769
St. John's Hospital	1235 East Cherokee Street		Springfield	MO	65804
St. Johns Regional Medical Center	2727 McClelland Boulevard		Joplin	MO	64804
St. Johns Regional Medical Center	1600 N. Rose Avenue		Oxnard	CA	93030-3722
St. Joseph Hospital	172 Kinsley Street		Nashua	NH	03060
St. Joseph Hospital	360 Broadway		Bangor	ME	04401
St. Joseph Hospital	1 Saint Joseph Drive		Lexington	KY	40504
St. Joseph Hospital	2901 Squalicum Parkway		Bellingham	WA	98225
St. Joseph Medical Center	2200 E. Washington Street		Bloomington	IL	61701
St. Joseph Medical Center	12 th & Walnut Streets		Reading	PA	19603
St. Joseph Medical Center	1401 St. Joseph Parkway		Houston	TX	77002
St. Joseph Medical Center	7601 Olser Drive		Towson	MD	21204
St. Joseph Mercy Hospital	5325 Elliot Drive		Ann Arbor	MI	48106

St. Joseph Reg. Medical Center	801 E. Lasalle Avenue		South Bend	IN	46617
St. Joseph Regional Medical Center	703 Main Street		Paterson	NJ	07503
St. Joseph's Hospital	11705 Mercy Boulevard		Savannah	GA	31419
St. Joseph's Hospital	350 N. Wilnot Road		Tucson	AZ	85711
St. Joseph's Medical Center	127 S. Broadway		Yonkers	NY	10701
St. Josephs Medical Center of Stockton	1805 North California Street Suite 303	Suite #303	Stockton	CA	95204
St. Josephs Mercy Health Center	300 Werner Drive		Hot Springs	AR	71913
St. Jude Medical Center	101 East Valencia Mesa		Fullerton	CA	92835
St. Luke Hospital East	85 N. Grand Avenue		Ft. Thomas	KY	41075
St. Luke Hospital West	7380 Turfway Road		Florence	KY	41042
St. Luke's Baptist Hospital	730 North Main Avenue	Suite 409	San Antonio	TX	78205
St. Luke's Community Medical Center (The Woodlands)	17200 St. Luke's Way		The Woodlands	TX	77384
St. Luke's Episcopal Hospital	3100 Main Street	MC5-313	Houston	TX	77030
St. Lukes Hospital	363 Highland Avenue		Falls River	MA	02720
St. Lukes Hospital	5901 Monclova Road		Maumee	OH	43537
St. Luke's Hospital	915 E. First Street		Duluth	MN	55805

St. Luke's Hospital & Health Network	801 Ostrum Street	St. Luke's Hospital & Health Network	Bethlehem	PA	18015
St. Luke's Hospital and Health Network (Allentown Campus)	801 Ostrum Street	St. Luke's Hospital & Health Network	Bethlehem	PA	18015
St. Luke's Medical Center	2901 West Oklahoma Avenue		Milwaukee	WI	53215-4330
St. Luke's Medical Center	1800 E. Van Buren Street		Phoenix	AZ	85006
St. Luke's Regional Medical Center	2720 Stone Park Boulevard		Sioux City	IA	51104
St. Luke's South Hospital	Saint Luke's Hospital	4401 Wornal Road	Kansas City	MO	64111
St. Luke's Sugar Land Hospital	3100 Main Street Suite 647D		Houston	TX	77002
St. Luke's-Roosevelt Hospital Center	1111 Amsterdam Avenue		New York City	NY	10025
St. Mark's Hospital/Northern Utah Healthcare Corporation	1200 East 3900 South		Salt Lake City	UT	84124
St. Mary Hospital	1201 Langhorne Newton Road		Langhorne	PA	19047
St. Mary Medical Center	18300 Highway 18		Apple Valley	CA	92307
St. Mary Medical Center	1050 Linden Avenue		Long Beach	CA	90813-3321

St. Mary Medical Center	1500 South Lake Park Avenue	Hobart	ID	46342
St. Mary of Nazareth Hospital Center	2233 W. Division Street	Chicago	IL	60622
St. Mary's Health Center	6420 Clayton Road	St. Louis	MO	63117
St. Mary's Hospital	707 S. Mills Street	Madison	WI	53715-1849
St. Mary's Hospital (Passaic)	350 Boulevard	Passaic	NJ	07055
St. Mary's Medical Center	901 45 th Street	West Palm Beach	FL	33407
St. Mary's Medical Center	450 Stanyan Street	San Francisco	CA	94117
St. Mary's Medical Center	900 E. Oak Hill Avenue	Knoxville	TN	37917
St. Mary's Medical Center	407 East Third Street	Duluth	MN	55805
St. Mary's of Michigan	800 S. Washington Avenue	Saginaw	MI	48601
St. Mary's Regional Medical Center	PO Box 291 Campus Avenue	Lewiston	ME	04243-0291
St. Michael's Medical Center	111 Central Avenue	Newark	NJ	07102
St. Patrick Hospital and Health Sciences Center	500 W. Broadway	Missoula	MT	59802
St. Rose Dominican - De Lima Campus	102 E. Lake Mead Boulevard	Henderson	NV	89052

St. Rose Dominican - San Martin	8280 W. Warm Springs Road	Las Vegas	NV	89113
St. Rose Hospital	27200 Calaroga Avenue	Hayward	CA	94539
St. Tammany Parish Hospital	1202 S. Tyler Street	Covington	LA	70433
St. Vincent Charity Hospital	2351 East 22 nd Street	Cleveland	OH	44115
St. Vincent Healthcare	1233 N. 30 th Street	Billings	MT	59101
St. Vincent Hospital	2660 10 th Avenue South #738	Birmingham	AL	35205
St. Vincent Hospital	835 S. Van Buren Street	Green Bay	WI	54301
St. Vincent Medical Center	2131 W. 3 rd Street	Los Angeles	CA	90703
St. Vincent's Medical Center	1800 Barrs Street	Jacksonville	FL	32204
St. Vincent's East	50 Medical Park East Drive	Birmingham	AL	35235-3499
Stamford Hospital Health Sciences Library	30 Shelbourne Road PO Box 9317	Stamford	CT	06904-9317
Stamford Hospital and Clinics	Falk Building 2 nd Floor 300 Pasteur Drive	Stamford	CA	94305
Staten Island University Hospital	475 Seaview Avenue	Staten Island	NY	10305
Stone Crest Medical Center	200 Stonecrest Boulevard	Smyrna	TN	37167

Stony Brook University Medical Center	3 Technology Drive		East Setauket	NY	11733-4073
Stormont-Vail Regional Medical Center	929 SW Mulvane Street		Topeka	KS	66606
Straub Clinic & Hospital: Cath Lab	888 S. King Street		Honolulu	HI	96813
Stringfellow Memorial Hospital	301 East 18 th Street		Anniston	AL	36202
Suburban Hospital	8600 Old Georgetown Road		Bethesda	MD	20814
Summitlin Hospital Medical Center	657 Town Center Drive		Las Vegas	NV	89144
Summit Healthcare Regional Medical Center	2200 East Show Low Lake Road		Show Low	AZ	85901
Summit Medical Center	East Main & South 20th Street		Van Buren	AZ	72956
Summit Medical Center	5655 Frist Boulevard		Hermitage	TN	37076
Sunrise Hospital and Medical Center	3186 S. Maryland Parkway		Las Vegas	NV	89109
Sutter Delta Medical Center	3901 Lone Tree Way		Antioch	CA	94509
Sutter Medical Center - Sacramento	3528 Eisenhower Drive		Sacramento	CA	95826
Sutter Medical Center of Santa Rosa	3325 Chanate Road		Santa Rosa	CA	95404

Sutter Roseville Medical Center	One Medical Plaza	Roseville	CA	95661
Swedish American Hospital	1401 E. State Street	Rockford	IL	61104
Swedish Covenant Hospital	5145 N. California Avenue	Chicago	IL	60625
Swedish Health Services	500 17 th Avenue #A85C	Seattle	WA	98104
Swedish Medical Center	501 East Hampden Avenue	Englewood	CO	80113
T. J. Samson Community Hospital	1301 North Race Street	Glasgow	KY	42141
Tacoma General Hospital	315 Martin Luther King, Jr. Way	Tacoma	WA	98415
Tahlequah City Hospital	1400 East Downing Street	Tahlequah	OK	74465-1008
Tallahassee Memorial Hospital	1300 Miccosukee Road	Tallahassee	FL	32308
Tampa General Hospital	1 Tampa General Circle	Tampa	FL	33601-1289
Temple University Hospital	3401 North Broad Street	Philadelphia	PA	19140
Terre Haute Regional Hospital	3901 South 7 th Street	Terre Haute	IN	47802
Terrebonne General Medical Center	8166 Main Street	Houma	LA	70360
Texoma Medical Center	8701 Broadway	Merrillville	IN	46410

TexSan Heart Hospital	6700 IH-10 West	San Antonio	TX	78201-2009
The Christ Hospital	2139 Auburn Avenue	Cincinnati	OH	45219
The George Washington University Hospital	900 23 rd Street, NW	Washington	DC	20037
The Good Samaritan Hospital	PO Box 1281	Lebanon	PA	17042
The Heart Hospital at Deaconess Gateway, LLC	600 Mary Street	Evansville	IN	47747
The Heart Hospital Baylor Plano	1100 Allied Drive	Plano	TX	75093
The Heart Hospital of Northwest Texas	1501 S. Coulter Street	Amarillo	TX	79175
The Hospital at Westlake Medical Center	5656 Bee Caves Road M-302	Austin	TX	78746
The Hospital of West Central Connecticut	100 Grand Street PO Box 100	New Britain	CT	06050
The Indiana Heart Hospital	8075 North Shadeland Avenue	Indianapolis	IN	46250
The Medical Center (TMC)	1000 Dutch Ridge Road	Beaver	PA	15009
The Medical Center of Southeast Texas	2555 Jimmy Johnson Boulevard	Port Arthur	TX	77640

The Methodist DeBakey Heart Center	6565 Fannin Street		Houston	TX	77030
The Monroe Clinic	515 22nd Avenue		Monroe	WI	53566
The Mount Sinai Medical Center	The Mount Sinai Medical Center		New York	NY	10029
The Nebraska Medical Center	987551 Nebraska Medical Center		Omaha	NE	68198-7551
The Ohio State University Medical Center	410 W. 10th Avenue	142 Doan Hall	Columbus	OH	43210
The Reading Hospital and Medical Center	Sixth Avenue and Spruce Street		West Reading	PA	19611
The Surgery Center on Soncy	3501 Soncy Road Suite 118		Amarillo	TX	79119
The Toledo Hospital	2142 North Cove Boulevard	Jobst Tower Suite 200	Toledo	OH	43606
The Uniontown Hospital	500 West Berkeley Street		Uniontown	PA	15401
The Valley Hospital	223 North Van Dien Avenue		Ridgewood	NJ	07450
The Village Regional Hospital	600 East Dixie Avenue		Leesburg	FL	34748
The Washington Hospital	155 Wilson Avenue		Washington	PA	15301-3398
The Western Pennsylvania Hospital	4800 Friendship Avenue	CVI	Pittsburgh	PA	15224
Thomas Hospital	750 Morphy Avenue		Fairhope	AL	36532

Thomas Jefferson University Hospital	TJUH	111 S. 11th Street Gibbon Building	Philadelphia	PA	19107
Tift Regional Medical Center	PO Box 747	901 E. 18th Street	Tifton	GA	31794
Timpanogos Regional Hospital	750 W. 800 S.		Orem	UT	84057
Tobey Hospital	363 Highland Avenue		Fall River	MA	
Tomball Regional Hospital	605 Holderrieth Boulevard		Tomball	TX	77375
Torrance Memorial Medical Center	3330 Lomita Boulevard		Torrance	CA	90505
Tri-City Medical Center	3909 Waring Road		Oceanside	CA	92056
Trident Regional Medical Center	9330 Medical Plaza Drive		Charleston	SC	29406
Trinity Hospitals	PO Box 5020		Minot	ND	58702
Trinity Medical Center	Attn: Cardio Vascular Services	800 Montclair Road	Birmingham	AL	35213
Trinity Medical Center	2701 17 th Street	3 rd Floor	Rock Island	IL	61201
Trinity Medical Center	4343 Josey Lane		Carrollton	TX	75010
Trinity Medical Center West	4000 Johnson Road		Steubenville	OH	43952
Trinity Regional Medical Center	802 Kenyon Road		Fort Dodge	IA	50501
Trinity Regional Medical Center	2701 17 th Street	3 rd Floor	Rock Island	IL	61201

Truman Medical Centers	2301 Holmes Street		Kansas City	MO	64108
Tucson Heart Hospital	4888 North Stone Avenue		Tucson	AZ	85704
Tucson Medical Center	5301 E. Grant Road		Tucson	AZ	85712
Tufts Medical Center	750 Washington Street		Boston	MA	02111
Tulane Medical Center	1415 Tulane Avenue		New Orleans	LA	70112
Tuomey Healthcare System Tuomey Regional Medical Center	129 N. Washington Street		Sumter	SC	29150
UC San Diego Medical Center	200 W. Arbor Drive		San Diego	CA	92103
UMASS Memorial Medical Center	55 Lake Ave North		Worcester	MA	01655-0002
Union Hospital	1606 N. 7th Street		Terre Haute	IN	47804
Union Hospital	106 Bow Street		Elkton	MD	21921
Union Memorial Hospital	201 E. University Parkway		Baltimore	MD	21218-2891
United Health Services Hospitals/Wilson Regional Medical Center	33 - 57 Harrison Street	Decker 4 Lobby	Johnson City	NY	13790
United Hospital	333 N. Smith Avenue		St. Paul	MN	55102
United Hospital	PO Box 1680		Clarksburg	WV	53143

Center, Inc.						
United Hospital System	6308 8 th Avenue		Kenosha	WI		53143
United Regional Healthcare System	1600 11 th Street		Wichita Falls	TX		76301
Unity Health Center	1102 West MacArthur		Shawnee	OK		74804
Unity Hospital	550 Osbourne Road NE		Minneapolis	MN		55432
Unity Hospital	1555 Long Pond Road		Rochester	NY		14626
University Community Hospital	3100 East Fletcher Avenue		Tampa	FL		33613
University Community Hospital Carrollwood Campus	3100 East Fletcher Avenue		Tampa	FL		33613
University of Alabama Hospital	620 19 th Street South		Birmingham	AL		35249
University Hospital	234 Goodman Street		Cincinnati	OH		45219
University Hospital	1350 Walton Way		Augusta	GA		30901
University Hospitals Bedford Medical Center	44 Blaine Avenue		Bedford	OH		44146
University Hospitals Case Medical Center	11100 Euclid Avenue		Cleveland	OH		44106
University Hospitals Geauga Medical Center	13207 Ravenna Road		Chardon	OH		44024
University Hospitals Richmond Medical Center	27100 Chardon Road		Richmond Heights	OH		44143
University Hospital	150 Bergen Street		Newark	NJ		07101

UMDNJ University Medical Center	1501 N. Campbell Avenue		Tucson	AZ	85724
University Medical Center	1411 Baddour Parkway		Lebanon	TN	37087
University Medical Center	602 Indiana Avenue		Lubbock	TX	79410
University Medical Center LSU	2390 W. Congress Street		Lafayette	LA	70506
University Medical Center of El Paso	4815 Alameda Avenue		El Paso	TX	79905
University Medical Center Southern Nevada	1800 W. Charleston Boulevard		Las Vegas	NV	89102
University of Arkansas Medical Sciences	4301 West Markham Street Suite 532		Little Rock	AR	72205
University of California, Irvine Division of Cardiology	101 The City Drive		Orange	CA	92868
University of California (UCLA)	757 Westwood Boulevard Rm. 2412		Los Angeles	CA	90095
University Of California Davis Medical Center	2315 Stockton Boulevard Main Hospital, Rm 6312		Sacramento	CA	95817
University of California San Francisco	505 Parnassus Avenue L-523 Box 0210		San Francisco	CA	94143-0210

Medical Center						
University of Chicago Hospitals	5841 S. Maryland Avenue	University of Chicago Medical Center	Chicago	IL	60637	
University of Colorado Hospital Authority	12401 E. 17th Avenue	Mailstop B-132	Aurora	CO	80045	
University of CT Health Center/John Dempsey Hospital	263 Farmington Avenue		Farmington	CT	06030	
University of Florida (Shands) College of Medicine	1600 SW Archer Road		Gainesville	FL	32610	
University of Illinois Medical Center at Chicago	1740 W. Taylor Street	Bldg 949 Rm 2181	Chicago	IL	60610	
University of Iowa Hospitals and Clinics	200 Hawkins Drive	UIHC UI Heart	Iowa City	IA	52242	
University of Kentucky	800 Rose Street		Lexington	KY	40536	
University of Louisville Hospital	530 S. Jackson Street		Louisville	KY	40202	
University of Maryland Medical Center Cardiology	22 S. Greene Street		Baltimore	MD	21201-1544	
University of Miami	1400 NW 12th Street		Miami	FL	33136	
University of Minnesota Medical Center Fairview	420 Delaware Street SE MMC 815		Minneapolis	MN	55455	

University of Mississippi Medical Center	2500 N. State Street		Jackson	MS	39216
University of Missouri Hospital and Clinics	1 Hospital Drive C4003		Columbia	MO	65212
University of New Mexico Hospital	2211 Lomas Boulevard		Albuquerque	NM	87106
University of North Carolina Hospitals	UNC Hospitals	101 Manning Drive CB#7075	Chapel Hill	NC	27514
University of Rochester Medical Center	601 Elmwood Avenue		Rochester	NY	14642
University of South Alabama Cardiology Department	2451 Fillingim Street		Mobile	AL	36617
University of Tennessee Medical Center	1924 Alcoa Highway	Box 95	Knoxville	TN	37920-6999
University of Texas Health Science Center at Tyler	11937 US Highway 271		Tyler	TX	75728
University of Texas Medical Branch at Galveston	301 University Boulevard		Galveston	TX	77555-0294
University of Texas Southwestern-University Hospital	5323 Harry Hines Boulevard		Dallas	TX	75390-9013

University of Toledo Medical Center	3065 Arlington Avenue	DH2261	Toledo	OH	43614
University of Utah Hospitals and Clinics	50 North Medical Drive	4040b	Salt Lake City	UT	84132
University of Virginia Medical Center	2441 Barringer West Complex	PO Box 800134	Charlottesville	VA	22908-0679
University of Washington Medical Center	1959 NE Pacific Street		Seattle	WA	98195-6422
University of Wisconsin Hospital & Clinics	600 Highland Avenue MC 3204		Madison	WI	53792
University Physicians HealthCare	2800 E. Ajo Way		Tucson	AZ	85713
UPMC Mercy	1400 Locust Street		Pittsburgh	PA	15219
UPMC Passavant Hospital	9100 Babcock Boulevard		Pittsburgh	PA	15237
UPMC Presbyterian Hospital	461 Baum Road	2 nd Floor	Pittsburgh	PA	15213
UPMC Shadyside Hospital	461 Baum Road	2 nd Floor	Pittsburgh	PA	15213
Upper Chesapeake Medical Center, Inc.	500 Upper Chesapeake Drive		Bel Air	MD	21014
Upstate Medical University (SUNY)	750 East Adams Street		Syracuse	NY	13120
USC University Hospital	1500 San Pablo Street		Los Angeles	CA	90033
Utah Valley Regional Medical Center	1034 S. 500 W		Provo	UT	84605

Val Verde Regional Medical Center	801 Bedell Avenue		Del Rio	TX	78840
Valley Baptist Medical Center	2101 Pease Street		Harlingen	TX	78550
Valley Care Medical Center	1111 East Stanley Boulevard		Livermore	CA	94550
Valley Hospital Medical Center	620 Shadow Lane		Las Vegas	NV	89106
Valley Medical Center	400 South 43 rd Street		Renton	WA	98058
Valley Presbyterian Hospital	15107 Vanowen Street		Van Nuys	CA	91405
Valley Regional Medical Center	Valley Regional Medical Center	100A East Alton Gloor Boulevard	Brownsville	TX	78526
Vanderbilt Heart Institute	1215 21 st Avenue	MCE 5 th floor	Nashville	TN	37232
Vassar Brothers Medical Center	45 Reade Place		Poughkeepsie	NY	12601
Vaughan Regional Medical Center	1015 Medical Center Parkway		Selma	AL	36701
VCU - Medical College of Virginia	PO Box 980036		Richmond	VA	23298
Venice Regional Medical Center	540 The Rialto		Venice	FL	34285
Verde Valley Medical Center	269 South Candy Lane		Cottonwood	AZ	86326
Verdugo Hills Hospital	1812 Verdugo Boulevard		Glendale	CA	91208

Via Christi Wichita Health Network	929 N. St. Francis Street		Wichita	KS	67214
Ville Platte Medical Center	800 East Main Street		Ville Platte	LA	70586
Virginia Hospital Center	1701 N. George Mason Drive		Arlington	VA	22205-3698
Virginia Mason Medical Center	1100 Ninth Avenue	X3-CVL	Seattle	WA	98111
WakeMed Cary Hospital	3000 New Bern Avenue		Raleigh	NC	27610
WakeMed Raleigh Campus	3000 New Bern Avenue		Raleigh	NC	27610
Walker Regional Medical Center	3400 Highway 78 E		Jasper	AL	35501
Washington Adventist Hospital	7600 Carroll Avenue		Takoma Park	MD	20912
Washington County Hospital	251 East Antietam Street		Hagerstown	MD	21740
Washington Hospital	2000 Mowry Avenue		Fremont	CA	94538
Washington Hospital Center	110 Irving Street NW Rm 5A14		Washington	DC	20010
Washington Regional Medical Center	1125 N College Avenue		Fayetteville	AR	72703-1994
Waterbury Hospital	PO Box 2153		Waterbury	CT	06722-2153
Watsonville Community Hospital	75 Nielson Street		Watsonville	CA	75076
Waukesha Memorial Hospital	N-17 W24100 Riverwood Drive		Waukesha	WI	53188-1187
Wayne Memorial	PO Box 8001		Goldsboro	NC	27533

Hospital						
Weatherford Regional Medical Center	713 East Anderson Street	Weatherford	TX			76086
Weiss Memorial Hospital	4646 N. Marine Drive	Chicago	IL			60640
Wellmont Holston Valley Medical Center	130 W Ravine Road	Kingsport	TN			37660
Wellstar Cobb Hospital	677 Church Street	Marietta	GA			30066
Wellstar Kennestone Hospital	677 Church Street	Marietta	GA			30066
Wesley Medical Center	550 N. Hillside Street	Wichita	KS			67214
West Anaheim Medical Center	3033 West Orange Avenue	Anaheim	CA			92084
West Florida Hospital	8383 North Davis Highway	Pensacola	FL			32514
West Georgia Medical Center	1514 Vernon Road	LaGrange	GA			30240
West Hills Hospital	7300 Medical Center Drive	West Hills	CA			91307
West Houston Medical Center	12141 Richmond Avenue	Houston	TX			77082
West Jefferson Medical Center	1101 Medical Center Boulevard	Marrero	LA			70072
West Penn Hospital Forbes Regional Campus	2570 Haymaker Road	Monroeville	PA			15146
West Suburban Medical Center	3 Erie Court	Oak Park	IL			60302
West Valley Hospital	13677 W. McDowell Road	Goodyear	AZ			85338

West Virginia University Hospitals, Inc.	PO Box 8003	Medical Center Drive	Morgantown	WV	26506-8003
Westchester County Medical Center	95 Grasslands Road Suite 114		Valhalla	NY	10595
Western Arizona Regional Medical Center	2735 Silver Creek Road		Bullhead City	AZ	86442
Western Baptist Hospital	2501 Kentucky Avenue		Paducah	KY	42003
Western Medical Center Santa Ana	1001 North Tustin Avenue		Santa Ana	CA	92705
Western Plains Medical Center	3001 Avenue A		Dodge City	KS	67801
Westside Regional Medical Center	8201 West Broward Boulevard		Plantation	FL	33324
Wheaton Franciscan Healthcare-All Saints, Inc.	WFHC Clinical Data Management and Analysis	5000 West Chambers, M229	Milwaukee	WI	53210
Wheaton Franciscan Healthcare-St. Francis, Inc.	WFHC Clinical Data Management and Analysis	5000 West Chambers, M229	Milwaukee	WI	53210
Wheaton Franciscan Healthcare-St. Joseph, Inc.	WFH Clinical Data Management and Analysis	5000 West Chambers, M229	Milwaukee	WI	53210
Wheaton Franciscan - The Wisconsin Heart Hospital Center	WFH Clinical Data Management and Analysis	5000 West Chambers, M229	Milwaukee	WI	53210
Wheeling Hospital	1 Medical Park		Wheeling	WV	26003

White County Medical Center	3214 E. Race Avenue		Searcy	AR	72143-4810
White Memorial Medical Center	1720 Cesar E. Chavez Avenue		Los Angeles	CA	90033
White Plains Hospital Center	41 E. Post Road		White Plains	NY	10601
White River Medical Center	1710 Harrison Street		Batesville	AR	72501
William Beaumont Hospital	54373 Samara Drive		Macomb	MI	48073-2213
William Beaumont Hospital - Troy	44201 Dequindre Road		Troy	MI	48085
William W. Backus Hospital	326 Washington Street		Norwich	CT	06360
Willis-Knighton Pierremont	2600 Greenwood Road		Shreveport	LA	71103
Willis-Knighton Medical Center	2600 Greenwood Road		Shreveport	LA	71103
Wilson Memorial Hospital	915 West Michigan Street		Sidney	OH	45365
Wilson N. Jones Medical Center	500 N Highland Avenue		Sherman	TX	75092
Winchester Medical Center Inc.	220 Campus Boulevard	Suite 313	Winchester	VA	22601
Winter Haven Hospital	20005 Avenue F Northeast		Winter Haven	FL	33881
Winthrop University Hospital	19600 E. 39th Street		Independence	MO	64057
Wise Regional Health System	609 Medical Center Drive		Decatur	TX	76234

Woman's Christian Association Hospital	207 Foote Avenue		Jamestown	NY	14701
Woodland Heights Medical Center	505 S. John Redditt Drive		Lufkin	TX	75904
Wooster Community Hospital	1761 Beall Avenue		Wooster	OH	44691
Wuesthoff Health System	110 Longwood Avenue		Rockledge	FL	32956-5002
Wyckoff Heights Medical Center	374 Stockholm Street	Division of Cardiology - 3rd Floor	Brooklyn	NY	11237
Wyoming Medical Center	1233 East 2nd Street		Casper	WY	82601-2988
Wyoming Valley Health Care System	575 North River Street		Wilkes-Barre	PA	18764
Yakima Regional Medical Center/Cardiac Center	110 S. 9th Avenue		Yakima	WA	98902
Yakima Valley Memorial Hospital	2811 Tieton Drive		Yakima	WA	98902
Yale New Haven Hospital	20 York Street		New Haven	CT	06510
Yavapai Regional Medical Center	1003 Willow Creek Road		Prescott	AZ	86301
York Hospital	15 Hospital Drive		York	ME	03909
York Hospital	1001 South George Street		York	PA	17405
Yuma Regional Medical Center	2400 S. Avenue A		Yuma	AZ	85364

Addendum X
Active CMS Coverage-Related Guidance Documents
[July Through September 2009]

On September 24, 2004, we published a notice in the **Federal Register** (69 FR 57325), in which we explained how we would develop coverage-related guidance documents. These guidance documents are required under section 731 of the MMA. In our notice, we committed to the public that, "At regular intervals, we will update a list of all guidance documents in the **Federal Register**."

Addendum X includes a list of active CMS guidance documents as of the ending date of the period covered by this notice. To obtain full-text copies of these documents, visit the CMS Coverage Web site at

http://www.cms.hhs.gov/mcd/index_list.asp?list_type=mcd_1.

Document Name: Factors CMS Considers in Commissioning External Technology Assessments

Date of Issuance: April 11, 2006

Document Name: Factors CMS Considers in Opening a National Coverage Determination

Date of Issuance: April 11, 2006

Document Name: (Draft) Factors CMS Considers in Referring Topics to the Medicare Coverage Advisory Committee

Date of Issuance: March 9, 2005

Document Name: National Coverage Determinations with Data Collection as a Condition of Coverage: Coverage With Evidence Development

Date of Issuance: July 12, 2006

Addendum XI
List of Special One-Time Notices Regarding National Coverage Provisions
[July Through September 2009]

As medical technologies, the contexts under which they are delivered, and the health needs of Medicare beneficiaries grow increasingly complex, our national coverage determination (NCD) process must adapt to accommodate these complexities. As part of this adaptation, our national coverage decisions often include multi-faceted coverage determinations, which may place conditions on the patient populations eligible for coverage of a particular item or service, the providers who deliver a particular service, or the methods in which data are collected to supplement the delivery of the item or service (such as participation in a clinical trial).

We outline these conditions as we release new or revised NCDs. However, details surrounding these conditions may need to be shared with the public as "one-time notices" in the **Federal Register**. For example, we may require that a particular medical service may be delivered only in the context of a CMS-recognized clinical research study, which was not named in the NCD itself. We would then use Addendum XI of this notice, along with our coverage Web site at <http://www.cms.hhs.gov/coverage>, to provide the public with information about the clinical research study that it ultimately recognizes.

Addendum XI includes any additional information we may need to share about the conditions under which an NCD was issued as of the ending date of the period covered by this notice.

There were no Special One-Time Notices Regarding National Coverage

Provisions published this quarter.

Addendum XII-National Oncologic PET Registry (NOPR)

In January 2005, we issued our decision memorandum on **positron emission tomography (PET)** scans, which stated that CMS would cover PET scans for particular oncologic indications, as long as they were performed in the context of a clinical study. We have since recognized the National Oncologic PET Registry as one of these clinical studies. Therefore, in order for a beneficiary to receive a Medicare-covered PET scan, the beneficiary must receive the scan in a facility that participates in the Registry. The following facilities have met the CMS's requirements for performing PET scans under National Coverage Determination CAG-00181N.

Facility Name	Provider Number	Date Approved	State	Other Information
Barnes-Jewish Hospital Barnes-Jewish Plaza Mailstop # 90-72-374 St. Louis, MO 63110	E40080o	03/07/2006	MO	
Duke University Medical Center PET Facility Room 0402 Duke So. Durham, NC 27710	34003	03/07/2006	NC	Yellow Zone Box 3949
VCU Health System-Molecular Imaging Center Dept of Nuclear Medicine - North Hospital 7th Floor Richmond, VA 23298	490032	03/07/2006	VA	1300 East Marshall- PO Box 980001
Acadiana Oncologic Imaging 2311 Kaliste Saloom Lafayette, LA 70508	5CA64	03/06/2006	LA	

Adler Institute for Advanced Imaging 261 Old York Road Suite 106 Jenkintown, PA 19046		03/07/2006	PA	
Advanced Medical Imaging San Saba 215 N San Saba Suite 107 San Antonio, TX 78207	00BC90	03/07/2006	TX	
Advanced Medical Imaging Stone Oak 540 Oak Centre Suite 100 San Antonio, TX 78258	00BC90	03/07/2006	TX	
Advanced Radiological PET Imaging, PC 2334 30th Avenue Astoria, NY 11102	05677	03/07/2006	NY	Lower Level
Akron Regional PET Scan, LLC 3009 Smith Road Suite 350 Akron, OH 44333	AKID01691	03/07/2006	OH	
American Radiology Services- Owings Mills 21 Crossroads Drive, Suite 100 Owings Mills, MD 21117	434L	03/07/2006	MD	

American Radiology Services- Bethesda 6430 Rockledge Drive, Suite 100 Bethesda, MD 20817	G00000	03/07/2006	MD	
American Radiology Services- Waldorf 3510 Old Washington Road Suite 101 Waldorf, MD 20602	435L	03/07/2006	MD	
American Radiology Services- Columbia 8820 Columbia Parkway 100 Columbia, MD 21045	434L	03/07/2006	MD	
American Radiology Services- Frederick 141 Thomas Johnson Drive Suite 170 Frederick, MD 21702	435L	03/07/2006	MD	
American Radiology Services- Timonium 2080 York Road Suite 160 Timonium, MD 21093	434L	03/07/2006	MD	
Angel Williamson Imaging Center- Ft. Walton Beach 1013-D Mar-Walt Drive Ft. Walton Beach, FL 32547	39953A	03/07/2006	FL	

Angel Williamson Imaging Center-Pensacola 5120 Bayou Boulevard Suite 9 Pensacola, FL 32503	39953	03/07/2006	FL	
Edison Imaging Center 3900 Park Avenue Suite 107 Edison, NJ 08820	AS008835	03/07/2006	NJ	
Avon Medical Diagnostic Center 1480 Center Road Suite C Avon, OH 44011	MC4039571	03/07/2006	OH	
Baltimore Imaging Centers 3708 Mountain Road Pasadena, MD 21122	H476	03/07/2006	MD	
Baptist Hospital PET/CT 1000 West Moreno Street Pensacola, FL 32501	100093	03/07/2006	FL	
Bethesda Health City 2623 S Seacrest Boulevard Boynton Beach, FL 33435	40237	03/07/2006	FL	
PET/CT Imaging at White Marsh 9900 Franklin Square Drive Suite D Nottingham, MD 21236	FMNX01	03/07/2006	MD	
Biomedical Research Foundation PET Imaging Center 1505 Kings Highway Shreveport, LA 71103	5D914	03/07/2006	LA	

BodyScan of Louisville LLC 807 Shelbyville Road Suite 201 Louisville, KY 40222	9372701	03/07/2006	KY	
Bradley Regional PET Imaging Cleveland, TN 37311	3373976	03/07/2006	TN	2305 Chambliss Ave NW
PET Imaging Institute of NJ 1608 Rte 88 West Suite 302 Brick, NJ 08724	070684	03/07/2006	NJ	
Broward PET Imaging Center, LLC 4850 W. Oakland Park Boulevard Suite A Fort Lauderdale, FL 33313	E5709	03/07/2006	FL	
Camelback Imaging 15215 S. 48th Street, #110 Phoenix, AZ 85044	100488	03/07/2006	AZ	
California Imaging and Treatment Center 3000 Oak Road, #111 Walnut Creek, CA 95497	ZZZ27175Z	03/07/2006	CA	
Cancer Care Centers of Brevard 1430 S Pine Street Melbourne, FL 32901	39835	03/07/2006	FL	
Center for Medical Imaging- Florida Hospital. 1922 Salk Avenue Tavares, FL 32778	100057	03/07/2006	FL	

Cancer Center of Colorado Springs 320 E. Fontanero Suite 200 Colorado Springs, CO 80907	79804	03/07/2006	CO	
Centro Sononuclear de Rio Piedras 1028 Los Angeles Street. San Juan, PR 00926	83910	03/07/2006	PR	
Chattanooga Imaging East 1710 Gunbarrel Road Chattanooga, TN 37421	3716643	03/07/2006	TN	
Chester County PET Associates 701 East Chester Marshall Street West Chester, PA 19380	085698	03/07/2006	PA	
Cincinnati PET Scan, LLC-Kenwood 7730 Montgomery Road Suite 120 Cincinnati, OH 45236	311754291	03/07/2006	OH	
Cincinnati PET Scan, LLC Monfort Heights 5575 Cheviot Road Cincinnati, OH 45247	311754291	03/07/2006	OH	
Clinical PET of Hernando 4003 Mariner Boulevard Spring Hill, FL 34609	L13228	03/07/2006	FL	
Clinical PET of Citrus 6140 W Corporate Oaks Drive Crystal River, FL 34429	U0121	03/07/2006	FL	

Clinical PET of Lake City 484 SW Commerce Drive Suite 145 Lake City, FL 32025	V2683	03/07/2006	FL	
Clinical PET of Ocala 3143 SW 32nd Avenue, Suite 100 Ocala, FL 34474	E7179	03/07/2006	FL	
Columbus Regional Hospital 2400 East 17th Street Columbus, IN 47201	150112	03/07/2006	IN	
Concord Imaging 18802 Meisner Drive San Antonio, TX 78258	00126Z	03/07/2006	TX	
Dartmouth Hitchcock Medical Center One Medical Center Drive. Lebanon, NH 03756		03/07/2006	NH	
Dedicated PET Imaging 2315 Sunset Boulevard, Suite E Steubenville, OH 43952	01181	03/07/2006	OH	
Diablo Valley Oncology & Hematology Medical Group 3000 Oak Road, #111 Walnut Creek, CA 94597	ZZZ26796Z	03/07/2006	CA	
Diagnostic Imaging at Baywalk 129 1st Avenue N St. Petersburg, FL 33701	00022	03/07/2006	FL	
DMS Imaging 2101 N. University Drive Fargo, ND 58109		03/07/2006	ND	PO Box 8070

Doylestown PET Associates 599 W. State Street Doylestown, PA 18901	059536	03/07/2006	PA	Suite 202
East Bay Medical Oncology- Hematology Assoc., Inc 3000 Oak Road, #111 Walnut Creek, CA 94597	ZZZ267792	03/07/2006	CA	
East River Medical Imaging 519 East 72 Street Suite 103 New York, NY 10021	W11781	03/07/2006	NY	
El Camino Imaging Center 8020 Constitution Place NE Albuquerque, NM 87110	237150	03/07/2006	NM	
Elite Imaging, LLC 2845 Aventura Boulevard Suite 145 Aventura, FL 33180	K3535	03/07/2006	FL	
EPIC Imaging Center 233 NE 102nd Avenue Portland, OR 97220	0000WCGNQ	03/07/2006	OR	
Evergreen Radia 11521 NE 128th Street Kirkland, WA 98034	GAB39931	03/07/2006	WA	
Excel Diagnostics Imaging Clinics 9701 Richmond Avenue Suite 122 Houston, TX 77042	FTA109	03/07/2006	TX	
First Imaging of the Carolinas 30 Memorial Drive Pinehurst, NC 29374	2346997	03/07/2006	NC	

Florida Hospital Advanced Nuclear Imaging PET 328 Spruce Street Orlando, FL 32804	100007	03/07/2006	FL	
Fort Jesse Imaging Center, LLC 2200 Fort Jesse Road Suite 120 Normal, IL 61761	209824	03/07/2006	IL	
Fox Chase Cancer Center 333 Cotman Avenue Philadelphia, PA 19111	390196	03/07/2006	PA	
Frederick Imaging Centers 46B Thomas Johnson Drive Frederick, MD 21702	H476	03/07/2006	MD	
Fusion Diagnostic Group, LLC 1700 California Street Suite 260 San Francisco, CA 94109	00G366470	03/07/2006	CA	
Fusion Imaging Institute 2419 E. Commercial Boulevard Suite 101 Ft. Lauderdale, FL 33308	18281	03/07/2006	FL	
Future Diagnostics Group 254 N. Republic Avenue Joliet, IL 60435	200825	03/07/2006	IL	
Greater Niagra PET, LLC 1 Columbia Drive Suite 3 Niagra Falls, NY 14305	BA0213	03/07/2006	NY	Witmer Park Medical Center
Hematology Oncology Associates of Baton Rouge 4950 Essen Lane Baton Rouge, LA 70809	5C696	03/07/2006	LA	

Gulf Coast Cancer & Diagnostic of Southeast 12811 Beamer Road Houston, TX 77089	149949301	03/07/2006	TX	
Henry Ford, Department of Radiology 2799 W. Grand Boulevard Detroit, MI 48202	230053	03/07/2006	MI	
High Point Regional Health System 601 N. Elm Street High Point, NC 27262	3400040	03/07/2006	NC	
Highlands Oncology Group 3232 N. North Hills Boulevard Fayetteville, AR 27203	5B823	03/07/2006	AR	
Holy Name Hospital 718 Teaneck Road Teaneck, NJ 07666	310008	03/07/2006	NJ	PET/CT Center
Holy Family Memorial Medical Center PO Box 1450 Manitowoc, WI 54221	520107	03/07/2006	WI	2300 Western Ave
Hospital of Saint Raphael 1450 Chapel Street New Haven, CT 05611	070001	03/07/2006	CT	
San Patricio MRI & CT Center 1508 Roosevelt Avenue, Suite 103 San Juan, PR 00920	84997	03/07/2006	PR	

Imaging Center of Hartford Hospital 80 Seymour Street PO Box 5037 Hartford, CT 06102	070025	03/07/2006	CT	
Indian Wells PET/CT Center 74785 Highway 111, #101 Indian Wells, CA 92210	1264523891	03/07/2006	CA	
Imaging Technology Associates 3800 Reservoir Road NW Washington, DC 20007	FDNCX1	03/07/2006	DC	Gorman 2043, PET Scan
San Francisco Magnetic Resonance Center 1180 Post Street San Francisco, CA 94109	ZZZ27498Z	03/07/2006	CA	
Intermountain Medical Imaging 2929 E Magic View Drive Meridian, ID 83642	82-05144-22	03/07/2006	ID	
Jefferson Center City Imaging 850 Walnut Street Philadelphia, PA 19107	66277	03/07/2006	PA	
Kansas City Cancer Center- Kansas 12200 W. 110th Street Overland Park, KS 66210	5650000D	03/07/2006	KS	
Kansas City Cancer Center- Missouri 4881 Goodview Circle Lee's Summit, MO 66064	5650000E	03/07/2006	MO	
Kreitchman PET Center 180 Ft. Washington Avenue, HP3-315 New York, NY 10032	WEM661	03/07/2006	NY	

LakePointe PET 10914 Hefner Pointe Drive Suite 100 Oklahoma City, OK 73120	700522143	03/07/2006	OK	
Lakeshore PET Imaging, LLC 4932 W 95th Street Oak Lawn, IL 60453	200108	03/07/2006	IL	
Larchmont Imaging Associates, LLC 210 Ark Road Mt. Laurel, NJ 08054	517216	03/07/2006	NJ	
Las Cruces PET/CT Imaging 1121 Mall Drive Suite D Las Cruces, NM 88011	300521065	03/07/2006	NM	
Lehigh Valley Diagnostic Imaging PET/CT 1230 S. Cedar Crest Boulevard Suite 104 Allentown, PA 18103	563802	03/07/2006	PA	
LifeScan Louisville, LLC 4046 Dutchmans Lane Louisville, KY 40207	9365601	03/07/2006	KY	
Limerick PET Associates 420 W. Linfield-Trappe Road Limerick, PA 19468	075015	03/07/2006	PA	Suite 3400, Third Floor, Rear
LifeScan Minnesota 6525 France Avenue S Suite 225 Edina, MN 55435	470000014	03/07/2006	MN	
Louisiana PET Imaging of Alexandra, LLC 5419 A Jackson Street Exit Alexandria, LA 71303	5C743	03/07/2006	LA	
LMR PET 12600 Creekside Lane Ft. Meyers, FL 33919	E5725	03/07/2006	FL	

Louisiana PET Imaging of Lake Charles, LLC 1750 Ryan Street Lake Charles, LA 70601	5C905	03/07/2006	LA	
Insight Diagnostic Center- Forest Lane 11617 N. Central Expressway #132 Dallas, TX 75243	FTA016	03/07/2006	TX	
MDI of Thousand Oaks 300 Lombard Street Thousand Oaks, CA 91360	W14186	03/07/2006	CA	
Meadowbrook PET Associates 1695 Huntington Pike Meadowbrook, PA 19046	064866	03/08/2006	PA	
Medical Imaging of Baltimore 6715 N. Charles Street Baltimore, MD 21204	258L	03/08/2006	MD	
Metabolic Imaging of Laredo 2344 Laguna Del Mar Suites 5 & 6 Laredo, TX 78045	FTN029	03/08/2006	TX	
Methodist Hospital PET Imaging Center 301 W. Huntington Drive Suite 120 Arcadia, CA 91007	9511643336	03/08/2006	CA	
Metro Region PET Center at Chevy Chase 5454 Wisconsin Avenue Suite 810 Chevy Chase, MD 20815	724811	03/08/2006	MD	
Clinical PET of St. Charles County 1475 Kisker Road St. Charles, MO 63304	000047047	03/08/2006	MO	

Metro Region PET Center at Woodburn Nuclear Medicine 3289 Woodburn Road Annandale, VA 22003	724811	03/08/2006	VA	
Michiana Hematology-Oncology, PC 100 Navarre Place Suite 5550 South Bend, IN 46601	216950	03/08/2006	IN	
Michigan State University-Radiology 184 Radiology Building East Lansing, MI 48824	OC36350	03/08/2006	MI	
Clinical PET of West County 450 N. New Ballas Road Creve Coeur, MO 63141	000093043	03/08/2006	MO	
Modality Integration Services, Inc. 1854 SW Greenway Circle West Linn, OR 97068		03/08/2006	OR	
Molecular Imaging Center 1733 Curie Drive Suite 305 El Paso, TX 79912	00315U	03/08/2006	TX	
Molecular Imaging of Suburban Chicago, LLC 908 N. Elm Street Suite 110 Hinsdale, IL 60521	212300	03/08/2006	IL	
Montclair Road Imaging LLC 924 Montclair Road Suite 108 Birmingham, AL 35213	000056277	03/08/2006	AL	
Montefiore Medical Center 1695A Eastchester Road Bronx, NY 10461	W06552	03/08/2006	NY	

Neurodiagnostics, PSC 1725 Harrodsburg Road Suite 100 Lexington, KY 40504	0406	03/08/2006	KY	
New Century Imaging 555 Kinderkamack Road Oradel, NJ 07649	085146	03/08/2006	NJ	
Newport Diagnostic Center 1605 Avocado Avenue Newport Beach, CA 92660.	W13396	03/08/2006	CA	
Next Generation Radiology PET/CT 560 Northern Boulevard Suite 111 Great Neck, NY 11021	WR6091	03/08/2006	NY	
North Valley MRI and CT 1638 Esplanade Chico, CA 95926	ZZZ247802	03/08/2006	CA	
Northwest Alabama Cancer Center Radiology Services 302 W. Dr. Hicks Boulevard Florence, AL 35630	051552219	03/08/2006	AL	
Northern Kentucky PET Scan, LLC 651 Centre View Boulevard Crestview Hills, KY 41017	311754291	03/08/2006	KY	
Northwest Cancer Center 17323 Red Oak Drive Houston, TX 77090	00D29C	03/08/2006	TX	
Northwestern Memorial Hospital 251 East Huron Street Chicago, IL 60611	140281	03/08/2006	IL	Galter 8-113
Northern Shared Medical Services-Atlantic, IA 1501 East Tenth Street Atlantic, IA 50022	I16068	03/08/2006	IA	Cass County Memorial Hospital

Northern Shared Medical Services-Audubon, IA 515 Pacific Street Audubon, Iowa 50025	I16068	03/08/2006	IA	Audobon County Memorial Hospital
Northern Shared Medical Services-Beloit, KS 400 West Eighth Beloit, KS 67420	130618	03/10/2006	KS	Mitchell County Hospital
Northern Shared Medical Services-Bloomfield, IA 507 North Madison Street Bloomfield, IA 52537	I16068	03/10/2006	KS	Davis County Hospital
Northern Shared Medical Services-Carrollton, MO 1502 North Jefferson Carrollton, MO 64633	000047013	03/10/2006	MO	Carroll County Memorial Hospital
Northern Shared Medical Services-Centerville, IA 1st St. Joseph Drive Centerville, IA 52544	I16068	03/10/2006	IA	Mercy Medical Center
Northern Shared Medical Services-Carthage, IL 160 S. Adams Street Carthage, IL 62321	208196	03/10/2006	IL	Memorial Hospital
Northern Shared Medical Services-Clarinda, IA 823 S. 17th Street Clarinda, IA 51632	I16068	03/10/2006	IA	Clarinda Regional Health Center
Northern Shared Medical Services-Chanute, KS 629 South Plummer Avenue Chanute, KS 66720	130618	03/10/2006	KS	Neosho Memorial Regional Medical Center

Northern Shared Medical Services-Edwardsville, IL 1121 University Drive Edwardsville, IL 62025	208196	03/10/2006	IL	Edwardsville Health Center
Northern Shared Medical Services- El Dorado, AR 700 West Grove Street. El Dorado, AR 71730	5F168	03/10/2006	AR	Medical Center of South Arkansas
Northern Shared Medical Services-Farmington, MO 1212 Weber Road Farmington, MO 63640	000047013	03/10/2006	MO	Mineral Area Regional Medical Center
Northern Shared Medical Services-Janesville, WI 1321 Creston Park Drive Janesville, WI 53545	000092420	03/10/2006	WI	Janesville Occupational Health & Medical Center
Northern Shared Medical Services-Hiawatha, KS 300 Utah Street Hiawatha, KS 66434	130618	03/10/2006	KS	Hiawatha Community Hospital
Northern Shared Medical Services-Keokuk, IA 1600 Morgan Street Keokuk, IA 52632	116068	03/10/2006	IA	Keokuk Area Hospital
Northern Shared Medical Services-Macomb, IL 525 East Grant Street Macomb, IL 61455	208196	03/10/2006	IL	McDonough District Hospital
Northern Shared Medical Services-Mexico, MO 620 East Monroe Street Mexico, MO 65265	000047013	03/10/2006	MO	Audrain Medical Center
Northern Shared Medical Services-Moberly, MO 1515 Union Avenue Moberly, MO 65270	000047013	03/10/2006	MO	Moberly Regional Medical Center

Northern Shared Medical Services-Mountain Home, AR 899 Burnett Drive Mountain Home, AR 72653	5F168	03/10/2006	AR	Cogburn Cancer Clinic
Northern Shared Medical Services- Poplar Bluff, MO 221 Physicians Park Drive Poplar Bluff, MO 63901	000047013	03/10/2006	MO	Poplar Bluff Medical Partners
Northern Shared Medical Services-Perryville, MO 434 North West Street Perryville, MO 63775	000047013	03/10/2006	MO	Perry County Memorial Hospital
Northern Shared Medical Services- Rolla, MO 1000 West Tenth Street Rolla, MO 65401	000047013	03/10/2006	MO	Phelps Co Regional Medical Center
Northern Shared Medical Services-Virginia, MN 901 Ninth Street North Virginia, MN 55792	470000057	03/10/2006	MN	Virginia Regional Medical Center
Northern Shared Medical Services-Russellville, AR 2504 West Main Street Russellville, AR 72801	5F168	03/10/2006	AR	Russellville Land Co
Northern Shared Medical Services- West Plains, MO 1100 Kentucky Avenue West Plains, MO 65775	000047013	03/10/2006	MO	Ozarks Medical Center
Oakwood Hospital Medical Center 18101 Oakwood Boulevard Dearborn, MI 48124	230020	03/10/2006	MI	

Oakwood Southshore Medical Center 5450 Fort Street Trenton, MI 48183	230176	03/10/2006	MI	
Ocean Medical Imaging Center 21 Stockton Drive Toms River, NJ 08755	158432	03/10/2006	NJ	
Orange County Regional PET Center, LLC 16300 Sand Canyon Avenue Suite 103 Irvine, CA 92618	TP018	03/10/2006	CA	
Orange Advanced Imaging Center 230 Main Street, #101 Orange, CA 92868	TP016A	03/10/2006	CA	
Pacific Coast Imaging-Irvine 250 E Yale Loop Suite A Irvine, CA 92604	WG87478B	03/10/2006	CA	
Pacific Coast Imaging-Newport 3300 West Coast Highway Newport Beach, CA 92663	WG87478	03/10/2006	CA	
Pacific Imaging and Treatment Center 5395 Ruffin Road Suite 202 San Diego, CA 92123	TP126	03/10/2006	CA	
Palm Beach Cancer Institute 1395 State Road 7 Suite 310 Wellington, FL 33414	34754	03/10/2006	FL	
Pennsylvania PET Associates 800 Spruce Street Philadelphia, PA 19107	066282	03/10/2006	PA	Second Floor, Widener Building
PET Center of Western NY 127 North Street Batavia, NY 14020	187140	03/10/2006	NY	

Pet Imaging at CDR 7600 N 15th Street Suite 102 Phoenix, AZ 85020	WCFDG	03/10/2006	AZ	
PET Imaging at the Lake 5000 Hennessy Boulevard Baton Rouge, LA 70809	5C868	03/10/2006	LA	
PET Imaging Center at Harford County 602 S. Atwood Road Suite 201 Bel Air, MD 21014	FMN006	03/10/2006	MD	
PET Imaging Institute of South Florida East 150 N 35th Avenue #665 Hollywood, FL 33021	E3783	03/10/2006	FL	
PET Imaging Institute of South Florida-West 603 N Flamingo Road S-155 Pembroke Pines, FL 33028	E3783	03/10/2006	FL	
PET Scan Arizona-Peoria 13460 N 94th Drive Suite J1 Peoria, AZ 85381	75400	03/10/2006	AZ	
PET Scan Arizona-Phoenix 6036 N 19th Avenue Suite 305 Phoenix, AZ 85015	66860	03/10/2006	AZ	

PET/CT Diagnostic Medical Imaging, PC 1200 Waters Place Suite M108 Bronx, NY 10461	W31091	03/10/2006	NY	
Precision Imaging 4416 East West Highway Suite 410 Bethesda, MD 20814	FMN005	03/10/2006	MD	
Preferred PET Imaging of Kansas, LLC 928 N. St. Francis Street Wichita, KS 67214	110693	03/10/2006	KS	
Premium Diagnostics Center 5319 Hoag Drive Suite 130 Elyria, OH 44035	ID01851	03/10/2006	OH	
PET Center Ft. Worth 800 W. Magnolia Avenue Fort Worth, TX 76104	0J062	03/10/2006	TX	Suite 100
Radiology Associates, LLP 6001 S. Staples Street Corpus Christi, TX 78413	00E816	03/10/2006	TX	
S. Arlington Imaging Center 4601 Matlock Road Arlington, TX 76018	0J062	03/10/2006	TX	
Radiology Group Imaging Center, LLC 1970 E. 53rd Street Davenport, IA 52807	16031	03/10/2006	IA	
PET/CT Scan Center Pembroke 11325 Pembroke Square Suite 116 Waldorf, MD 20603	521454775	03/10/2006	MD	
New York MedScan 751 Second Avenue New York, NY 10017	978701	03/10/2006	NY	

Rex Healthcare 4420 Lake Boone Trail Raleigh, NC 27607	340114	03/10/2006	NC	
San Fernando Regional PET Center 6855 Noble Avenue Van Nuys, CA 91405	TP078	03/10/2006	CA	
PET/CT Imaging Center of Northwest Florida 5149 North 9th Avenue Suite 124 Pensacola, FL 32504	U4696	03/10/2006	FL	
Saint Joseph's Hospital-Nuclear Medicine 611 St. Joseph Avenue Marshfield, WI 54449	520037	03/10/2006	WI	
Shared PET Imaging, LLC- Brooklyn, NY 6300 Eight Avenue Brooklyn, NY 11220	97Z661	03/10/2006	NY	
SC Cancer Specialists 25 Hospital Center Boulevard #301 Hilton Head Island, SC 29926	1285633289	03/10/2006	SC	
Shared PET Imaging, LLC- Granger, IN 6901 N. Main Street Granger, IN 46530	232800	03/10/2006	IN	
University Hospital-Cincinnati Eden Avenue & Albert Sabin Way Cincinnati, OH 45219		03/10/2006	OH	
Shared PET Imaging, LLC - Marion, OH 1050 Delaware Avenue Marion, OH 43302	ID01511	03/10/2006	OH	
Shared PET Imaging, LLC-Terre Haute IN	201320	03/10/2006	IN	

3702 South Fourth Street Terre Haute, IN 47802				
South Jersey Radiology Associates, PA 100 Carnie Boulevard Suite B5 Voorhees, NJ 08043	S0429966	03/10/2006	NJ	
Southwest PET/CT Institute- Tucson 3503 N. Campbell Avenue Suite 155 Tucson, AZ 85719	1396736922	03/10/2006	AZ	
Southwest PET/CT Institute- Yuma 1951 W. 25th Street Suite G Yuma, AZ 85364	106077	03/10/2006	AZ	
St. Francis Health Center 1700 SW 7th Street Topeka, KS 66606	17-0016	03/10/2006	KS	
Southwoods PET Scan, LLC 250 Debartolo Place Building B Youngstown, OH 44512	PCN05210036	03/10/2006	OH	
St. Louis PET Centers, LLC 12637 Olive Boulevard Creve Coeur, MO 63376	1861470734	03/10/2006	MO	
St. Vincent's PET Center, LLC 2660 10th Avenue S, POBI Suite 104 Birmingham, AL 35205	051555054	03/10/2006	AL	
Sun Molecular Imaging -Peoria 13090 N. 94th Drive #103 Peoria, AZ 85381	71585	03/10/2006	AZ	
Sun Molecular Imaging -Sun City West 13909 W Camino Del Sol	71585	03/10/2006	AZ	

#101 Sun City West, AZ 85375				
Tarzana Advanced Imaging 5536 Reseda Boulevard Tarzana, CA 91356	TP051A	03/10/2006	CA	
The Methodist Hospital PET Center 6565 Fannin Street MBI-066 Houston, TX 77030	450358	03/10/2006	TX	
Texarkana PET Imaging Institute, LP 1929 Moores Lane Texarkana, TX 75503	FTN008	03/10/2006	TX	
The PET/CT Center of North Florida 5742 Booth Road Jacksonville, FL 32207	K7038P	03/10/2006	FL	
The Washington Hospital 155 Wilson Avenue Washington, PA 15301	390042	03/10/2006	PA	
The PET/CT Scanning Center 235 18th Street, SE Hickory, NC 28602	2881788	03/10/2006	NC	
Thompson Cancer Survival Center PET Imaging Center 9711 Sherrill Boulevard Knoxville, TN 37923	3791106	03/10/2006	TN	
Thunderbird MRI and PET Center 6591 W. Thunderbird Road Suite A-1 Glendale, AZ 85306	79467	03/10/2006	AZ	

Tower Imaging Roxsan 465 N. Roxbury Drive Suite 101 Beverly Hills, CA 90210	TP114	03/10/2006	CA	
Tower Hematology Oncology Medical Group 9090 Wilshire Boulevard Suite 200 Beverly Hills, CA 90211	W11793	03/10/2006	CA	
TRA Medical Imaging 2202 S Cedar Street Suite 200 Tacoma, WA 98405	001055600	03/10/2006	WA	
Trident PET of Fayette 1275 Highway 54 West Suite 102 Fayetteville, GA 30214	47BBBJJ	03/10/2006	GA	
Trident PET of Gwinnett 545 Old Norcross Road Lawrenceville, GA 30045	47BBBGX	03/10/2006	GA	Suite 200
Trident PET of Savannah 7135 Hodgson Memorial Drive Savannah, GA 31406	47BBBKP	03/10/2006	GA	Suite 10A
Tristan Associates 4520 Union Deposit Road Harrisburg, PA 17111	112344	03/10/2006	PA	
Union Square Diagnostic Imaging 144 Fourth Avenue New York, NY 10003	WR7502	03/10/2006	NY	

UCLA-Dept. of Molecular & Medical Pharmacology 10833 Le Conte Avenue Los Angeles, CA 90095	HW13029	03/10/2006	CA	AR-115-CHS
UCLA-Dept. of Molecular & Medical Pharmacology 10833 Le Conte Avenue Los Angeles, CA 90095	HW13029	03/10/2006	CA	AR-115-CHS
University Nuclear Medicine, Inc. 105 Parker Hall Buffalo, NY 14214	14414A	03/10/2006	NY	3435 Main St
University Radiology Group 75 Veronica Avenue Suite 102 Somerset, NJ 08873	425699	03/10/2006	NJ	
Anne Arundel Medical Center 2001 Medical Parkway Annapolis, MD 21401	210023	03/10/2006	MD	
US Imaging Center Corp., LLC 842 Sunset Lake Boulevard Suite 301 Venice, FL 34292	U0331	03/10/2006	FL	
USC PET Imaging Science Center 1510 San Pablo Street Suite 350 Los Angeles, CA 90033	W11874	03/10/2006	CA	
Rolling Oaks Radiology 415 Rolling Oak Drive, Suite 160 Thousand Oaks, CA 91361	W10746	03/10/2006	CA	

Vero Radiology Associates, Inc. 777 37th Street Suite A-103 Vero Beach, FL 32960	97445	03/10/2006	FL	
Ventura Coast Imaging Center 4601 Telephone Road Suite 101 Ventura, CA 93003	W11335	03/10/2006	CA	
Washington Imaging Services, LLC 1135-116th Avenue, NE Bellevue, WA 98004	GAB23386	03/10/2006	WA	
Washington Hospital Center 110 Irving Street, NW Washington, DC 20010	090011	03/10/2006	DC	
Washoe Med Imaging Services at 75 Kirman 75 Kirman Avenue Reno, NV 89502	WCHBB	03/10/2006	NV	
Wesley Long Hospital-Moses Cone Health System 501 North Elam Avenue Greensboro, NC 27403	34-0091	03/10/2006	NC	
Westcoast Radiology 36463 US Highway, 19 N. Palm Harbor, FL 34684	E4187	03/10/2006	FL	
Western Washington Oncology 4525 3rd Avenue SE Lacey, WA 98503	1497749642	03/10/2006	WA	
Windber Medical Center 600 Somerset Avenue Windber, PA 15963	390112	03/10/2006	PA	

Wyoming Valley PET Associates 190 Welles Street Forty Fort, PA 18704	045012	03/10/2006	PA	
Youngstown Regional PET Scan 850 McKay Court Youngstown, OH 44512	Y0ID0174	03/10/2006	OH	
X-RAY Associates at Santa Fe 490 A West Zia Road Suite 130 Santa Fe, NM 87505	2258263	03/10/2006	NM	
Sibley Memorial Hospital 5255 Loughboro Road, NW Washington, DC 20016	090005	03/10/2006	DC	
Lerman Diagnostic Imaging 6511 Fort Hamilton Parkway Brooklyn, NY 11215	16H771	03/10/2006	NY	
XRC Medical Imaging 53940 Carmichael Drive South Bend, IN 46635	187390	03/10/2006	IN	
St. Luke's Hospital 1026 A. Avenue N.E. Cedar Rapids, IA 52406-3026	160045	03/10/2006	IA	P.O. Box 3026
University Imaging at Science Park 110 Science Parkway Suite 100 Rochester, NY 14620	16624A	03/10/2006	NY	
Kadlec Medical Center/Nuclear Medicine Dept. 945 Goethals Street Richland, WA 99352	1972507580	03/10/2006	WA	
Central Georgia PET, LLC 1650 Hardmon Macon, GA 31201	47BBBKC	03/10/2006	GA	

PET/CT Imaging at Swedish Cancer Institute 1221 Madison Street First Floor Seattle, WA 98104	8857387	03/10/2006	WA	
National PET Scan Duval, LLC 425 North Lee Street Jacksonville, FL 32204	E7348	03/10/2006	FL	
National PET Scan Pinellas, LLC 805 Executive Center Drive W St. Petersburg, FL 33702	E7503	03/10/2006	FL	
National PET Scan Dade, LLC 7867 North Kendall Drive Suite 121 Miami, FL 33156	E5427	03/10/2006	FL	
National PET Scan Broward, LLC 6290 North Federal Highway Fort Lauderdale, FL 33308	E5432	03/10/2006	FL	
Scottsdale Medical Imaging, Ltd. 7624 E. Indian School Road Suite 109-1 Scottsdale, AZ 85251	WCFKX	03/10/2006	AZ	
Lakes Regional General Hospital 80 Highland Street Laconia, NH 03246	300005	03/10/2006	NH	
Northern California PET Imaging Center 3195 Folsom Boulevard Sacramento, CA 95816	ZZZ15725Z	03/10/2006	CA	
Northern California PET Imaging Center-Mobile 3195 Folsom Boulevard Sacramento, CA 95816	ZZZ25157Z	03/10/2006	CA	

Northern California PET Imaging Center-VAPA 3801 Miranda Avenue Palo Alto, CA 94304	ZZZ21308Z	03/10/2006	CA	
Advanced Medical Imaging 3548 Route 9 South Old Bridge, NJ 08857	595865	03/10/2006	NJ	
St. Vincent Infirmary Medical Center PET/CT Center 2 St. Vincent Circle Little Rock, AR 72205-5499	04-0007	03/10/2006	AR	
Lincoln Trail Diagnostics 1111 Woodland Drive Elizabethtown, KY 42701	470001408	03/10/2006	KY	
LifeScan Imaging 607 Clifty Street Somerset, KY 42503	7614	03/10/2006	KY	
St. John's Hospital Springfield Nuclear Medicine 1235 E. Cherokee Street Springfield, MO 65804	26-0065	03/10/2006	MO	
City of Hope 1500 E. Duarte Road Duarte, CA 91010	050146	03/10/2006	CA	Dept. of Nuclear Medicine
Hackettstown Regional Medical Center 651 Willow Grove Street Hackettstown, NJ 07840	310115	03/10/2006	NJ	

Imaging Alliance-Nashville PET, LLC 52 White Bridge Road. Nashville, TN 37205	3791068	03/10/2006	TN	
Molecular Imaging of Bradenton 2301 60th Street Court West Suite A Bradenton, FL 34209	U1334	03/10/2006	FL	
Molecular Imaging of Charlotte County 4130 Tamiami Trail Port Charlotte, FL 33952	U1934	03/10/2006	FL	
Imaging For Life 3830 Bee Ridge Road Suite A Sarasota, FL 34233	E6704	03/10/2006	FL	
Seattle Nuclear Medicine/Ultrasound Associates 1229 Madison Street Suite 1050 Seattle, WA 98104	G000158400	03/10/2006	WA	
Columbus Circle Imaging 1790 Broadway, 9th Floor Yonkers, NY10704	W00691	03/10/2006	NY	
Bryn Mawr Imaging Center-PET 100 Lancaster Avenue Wynnewood, PA 19096	473120	03/10/2006	PA	
Beth Israel Deaconess Medical Center 330 Brookline Avenue Boston, MA 02215	220086	03/10/2006	MA	
Boca Raton Community Hospital 800 Meadows Road Boca Raton, FL 33486	100168	03/10/2006	FL	

Centro Tomografico de PR, Inc. 1409 Ashford Avenue San Juan, PR 00907	0087834	03/10/2006	PR	
Comprehensive Cancer Centers of Nevada 3730 S. Eastern Avenue Las Vegas, NV 89109	WCHCX	03/10/2006	NV	
Grossman Imaging Center of CMH 2151 E. Gonzales Road Suite 101 Oxnard, CA 93036	W17252	03/10/2006	CA	
Cookeville Regional Medical Center 142 W. 5th Street Cookeville, TN 38501	440059	03/10/2006	TN	
Instituto Central de Diagnostico, Inc. 1er. Floor Oncologic Hospital San Juan, PR 00928	007835	03/10/2006	PR	PR Medical Center
Mercy Medical Center-Cedar Rapids 701 Tenth Street SE Cedar Rapids, IA 52403	16-0079	03/10/2006	IA	
Midwest Radiologic Imaging- 1144217241 4087 Gateway Boulevard Newburgh, IN 47630	1144217241	03/10/2006	IN	
Miami Valley Hospital 1 Wyoming Street Dayton, OH 45409	360051	03/10/2006	OH	

Midwest Radiologic Imaging- 214790 4087 Gateway Boulevard Newburgh, IN 47630	214790	03/10/2006	IN	
Midwest Regional PET/CT Center 6001 S. Sharon Avenue Suite #2 Sioux Falls, SD 57108	41406	03/10/2006	SD	
Mission Hospital PET Center 222 Asheland Avenue Asheville, NC 28801	3400002	03/10/2006	NC	
Mobile Molecular Imaging, LLC 100 Memorial Hospital Drive Suite 1E Mobile, AL 36608	1003804345	03/10/2006	AL	
Nebraska Health Imaging 7819 Dodge Street Omaha, NE 68114	098975	03/13/2006	NE	
Montgomery Metabolic & Memory Imaging Center 7100 University Court Montgomery, AL 36117	057554625	03/13/2006	AL	
Orange County Diagnostic Radiology, Inc. 17150 Euclid Street Suite 101 Fountain Valley, CA 92708	TD057	03/13/2006	CA	
Northwest PET Imaging 265 N. Broadway Portland, OR 97227	105512	03/13/2006	OR	
Nevada Cancer Institute Medical Group One Breakthrough Way, 10441 W. Twain Avenue Las Vegas, NV 89135	100505	03/13/2006	NV	

Positron Emission Tomography Institute at Hampton 5357 Henneman Drive Norfolk, VA 23513	FVN001	03/13/2006	VA	
Positron Imaging Facility 1311 Record Crossing Road Mail Code 9140 Dallas, TX 75235	UT000F626	03/13/2006	TX	
Premier Diagnostic Imaging 10019 Forest Green Boulevard Louisville, KY 40299	9375201	03/13/2006	KY	
Positron PET/CT of the Southern Tier 169 Riverside Drive Binghamton, NY 13905	AA1047	03/13/2006	NY	
Radiology Regional Center, PA, Inc.-Naples 700 Goodlette Road Naples, FL 34102	77185	03/13/2006	FL	
Somascan Plaza, Inc. Suite 405 Torre de Plaza Plaza Las Americas San Juan, PR 00917	0089178	03/13/2006	PR	
Somascan, Inc. Jose Marti #56 San Juan, PR 00917	0082435	03/13/2006	PR	
Southern Indiana Radiological Associates 500 Landmark Avenue Bloomington, IN 47403	214160	03/13/2006	IN	
Southern Illinois Cancer Center 10286 Fleming Road Carterville, IL 62918	643740	03/13/2006	IL	
South Nassau PET One Healthy Way Oceanside, NY 11572	97z851	03/13/2003	NY	

Southwest Diagnostic Center for Molecular Imaging 8440 Walnut Hill Lane Suite 100 Dallas, TX 75231	FTN-015	03/13/2006	TX	
St. Mary's Health Systems 900 E. Oakhill Avenue Knoxville, TN 37917	440120	03/13/2006	TN	
Tower Diagnostic Center 4719 N. Habana Avenue Tampa, FL 33614	00169	03/13/2003	FL	
Torrance Morial Medical Center 3330 Lomita Boulevard Torrance, CA 90505	050351	03/13/2006	CA	
University of Colorado Hospital (AOP) 1635 N. Ursula Street Aurora, CO 80045	06-0024	03/13/2006	CO	
William Beaumont Hospital- Royal Oak 3601 West 13 Mile Road Royal Oak, MI 48073-6769	23030	03/13/2006	MI	
Esther Quijoy Catalya, M.D. 3000 Oak Road #111 Walnut Creek, CA 94597	00A449120	03/13/2006	CA	
Valley PET Institute 311 S. Ham Lane Lodi, CA 95242	00C283720	03/13/2006	CA	
Dan Ben-Zeev, M.D. 3000 Oak Road #111 Walnut Creek, CA 94597	00G129831	03/13/2006	CA	
Midwest Center for Advanced Imaging 1307 Macom Drive Naperville, IL 60564	L72461	03/13/2006	IL	

Crittenton Hospital Medical Center 1101 W. University Drive Rochester, MI 48307	230054	03/13/2006	MI	
Medical Specialists of Palm Beaches, Inc. 5700 Lake Worth Road Suite 204 Lake Worth, FL 33463	33941A	03/13/2006	FL	
PET Medical Imaging Center 3264 North Evergreen Drive Grand Rapids, MI 49525	0P02650	03/13/2006	MI	
Radiology Regional Center, PA, Inc.-RPET 6100 Winkler Road Suite A Fort Myers, FL 33919	77185	03/13/2006	FL	
Good Samaritan Hospital 520 S. 7th Street Vincennes, IN 47591	150042	03/13/2006	IN	
Central Indiana Cancer Center 6845 Rama Drive Indianapolis, IN 46219	065910	03/13/2006	IN	
Decatur PET Imaging 2774 W. Decatur Road Decatur, GA 30033	47BBBLP	03/13/2006	GA	
Community Memorial Hospital, Medical Imaging 855 S. Main Street Oconto Falls, WI 54154	00439MPN	03/13/2006	WI	
Olympic Radiology 2700 Clare Avenue Bremerton, WA 98310	000242100	03/13/2006	WA	
Capitol Imaging 3161 L Street Sacramento, CA 95816	1285615294	03/13/2006	CA	

National Medical Imaging-Bryn Mawr 574 W. Lancaster Avenue Bryn Mawr, PA 19010	024513	03/13/2006	PA	
National Medical Imaging-Langhorne 2 Doublewoods Road Suite B Langhorne, PA 19047	024513	03/13/2006	PA	
National Medical Imaging-Philadelphia 1903-05 South Broad Street Philadelphia, PA 19148	024513	03/13/2006	PA	
University of VA Health System, Radiology 1215 Lee Street Charlottesville, VA 22908	490009	03/13/2006	VA	
Florida Institute for Advanced Diagnostic Imaging 9238 US 19 Port Richey, FL 34668	59-3475930	03/13/2006	FL	
Roseville PET & Nuclear Medicine Imaging 2241 Douglas Boulevard #110 Roseville, CA 95661	1194706689	03/13/2006	CA	
Memorial Sloan Kettering Cancer Center 1275 York Avenue New York, NY 10021	330154	03/13/2006	NY	
Northeast PET Imaging Center 8400 Roosevelt Boulevard Suite 208 Philadelphia, PA 19152	083723	03/13/2006	PA	Medical Arts Center at Parte Ridge
UAMS PET Center 4301 West Markham Street Little Rock, AR 72205	50528	03/13/2006	AR	

Joliet Oncology-Hematology Assoc., Ltd. 1600 W. Route 6 Morris, IL 60450	205474	03/13/2006	IL	
Saint Luke's Hospital 4323 Wornall Road Kansas City, MO 64111	26-0138	03/13/2006	MO	AH Peet Center
Mercy Medical Center 1320 Mercy Drive Canton, OH 44708	360070	03/13/2006	OH	
Dayton Medical Imaging Center 7901 Schatz Pointe Drive Dayton, OH 45459	US1D00231	03/13/2006	OH	
Community Radiology of Virginia 2000 Leatherwood Lane Bluefield, VA 24605	FVA002	03/13/2006	VA	
Bab Radiology-Huntington 75 East Main Street Huntington, NY 11743	W1L612	03/13/2006	NY	
Bab Radiology-Hauppauge 521 Route 111 Suite 312 Hauppauge, NY 11788	W1L601	03/13/2006	NY	
Center for Diagnostic Imaging-37 5775 Wayzata Boulevard #190 St. Louis Park, MN 55416	470000037	03/13/2006	MN	
Center for Diagnostic Imaging 5775 Wayzata Boulevard Suite 190 St. Louis Park, MN 55416	C01307	03/13/2006	MN	
Center for Diagnostic Imaging-Mendota Heights 910 Sibley Memorial Highway Mendota Heights, MN 55118	470000038	03/13/2006	MN	

Huntsville Hospital Imaging Center 1963 Memorial Parkway Huntsville, AL 35801	010039	03/13/2006	AL	
Long Beach PET Imaging Center 2888 Long Beach Boulevard Suite 110 Long Beach, CA 90806	TG167	03/13/2006	CA	
Highway Imaging Associates, LLP 2095 Flatbush Avenue Brooklyn, NY 11234	W10671	03/13/2006	NY	
St. Vincent Hospital PO Box 13508 Green Bay, WI 54307	520075	03/13/2006	WI	
Park South Imaging Center 6215 21st Avenue West #A Bradenton, FL 34209	E1858	03/13/2006	FL	
Mary Bird Perkins Cancer Center 4950 Essen Lane Baton Rouge, LA 70809	57290	03/13/2006	LA	
Boston Diagnostic Imaging 398 Altamonte Drive Altamonte Springs, FL 32701	E3510	03/13/2006	FL	
Sioux Valley Hospital Medical Center 1305 W. 18th Street Sioux Falls, SD 57117	430027	03/13/2000	SD	
Indianapolis Regional PET Scan, LLC 3830 Shore Drive Indianapolis, IN 46254	207260	03/13/2006	IN	

St. Joseph's PET Center 1 Mercy Lane Suite 105 Hot Springs, AR 71913	5C739	03/13/2006	AR	
Hinsdale PET Scan, LLC 812 Ogden Avenue Westmont, IL 60559	206271	03/13/2006	IL	
Del Amo PET Imaging Center 3531 Fashion Way Torrance, CA 90501	TP120	03/13/2006	CA	
North Shore PET Imaging Center 85 Herrick Street Beverly, MA 1915	327110	03/13/2006	MA	Beverly Hospital
Robert D. Russo & Associates Radiology, PC PO Box 6128 Bridgeport, CT 06606	C02013	03/13/2006	CT	
Advanced Medical Specialties 9035 Sunset Drive Suite 102 Miami, FL 33173	K7806	05/03/2006	FL	
Baptist M & S Imaging Center- Downtown 215 E. Quincy Street #100 San Antonio, TX 78215	FTA078	05/03/2006	TX	
Community Cancer Center 545 W. Umpqua Street Roseburg, OR 97470	R116571	05/03/2006	OR	
Baptist M & S Imaging Center 7888 Fredericksburg Road San Antonio, TX 78228	FTA078	05/03/2006	TX	

Evanston Northwestern Healthcare-Highland Park 757 Park Avenue West Highland Park, IL 60035	14-0010	05/03/2006	IL	
Grenada Diagnostic Radiology 1300 Sunset Drive Suite U Grenada, MS 38901	470000034	05/03/2006	MS	
Huntsman Cancer Hospital 2000 Circle of Hope Suite 2121 Salt Lake City, UT 84112-5550	460009	05/03/2006	UT	
High Tech Medical Park 11800 Southwest Highway Palos Heights, IL 60463	0703070	05/03/2006	IL	
Cyrus Diagnostic Imaging, Inc. 165 Waymont Court Lake Mary, FL 32746	40586	05/03/2006	FL	
Indiana Regional PET Imaging 7891 Broadway Suite A Merrillville, IN 46410	229400	05/03/2006	IN	
Lancaster PET Imaging 2100 Harrisburg Pike Lancaster, PA 17601	054504	05/03/2006	PA	
James PET/CT Imaging Center 236 Doan Hall Columbus, OH 43210	360242	05/03/2006	OH	410 w. 10th Ave
Mary Lanning Memorial Hospital 715 N. St. Joseph Avenue Hastings, NE 68901	280032	05/03/2006	NE	

Maplewood Cancer Center- MOHPA 1580 Beam Avenue Maplewood, MN 55109	C01828	05/03/2006	MN	
Titusville Area Hospital 406 W. Oak Street Titusville, PA 16354	390122	05/03/2006	PA	
Memorial Hospital 325 S. Belmont Street York, PA 17403	390101	05/03/2006	PA	
Mercy Regional Health Center 1823 College Avenue Manhattan, KS 66502	17-0142	05/03/2006	KS	
Northshore Regional PET Scan, LLC 1464 Waukegan Road Glenview, IL 60025	206272	05/03/2006	IL	
Northwest Indiana PET/CT Center 1505 S. Calument Road Suites 7 & 8 Chesterton, IN 46304	229810	05/03/2006	AL	
Parkway Ventures, Inc. 9000 Franklin Square Drive Baltimore, MD 21237	FMN002	05/03/2006	MD	Franklin Square Hospital
PET Fusion Imaging 3707 New Vision Drive Fort Wayne, IN 46845	190320	05/03/2006	IN	
River Oaks Imaging & Diagnostics PO Box 4346 Houston, TX 77210	FTA059	05/03/2006	TX	Dept 848
Regional PET Scan, LLC- Beachwood 2000 Auburn Road Beachwood, OH 44122	REID02211	05/03/2006	OH	

Regional PET Scan, LLC- Fairview 20455 Lorain Road Fairview Park, OH 44126	REID02211	05/03/2006	OH	
Regional PET Scan, LLC- Ridgepark 7575 Northcliff Avenue Brooklyn, OH 44144	REID02211	05/03/2006	OH	
Saint Francis Hospital 114 Woodland Street Hartford, CT 06105	07-0002	05/03/2006	CT	
St Nicholas Hospital 3100 Superior Avenue Sheboygan, WI 53081	520044	05/03/2006	WI	
Swedish Medical Center 501 E. Hampton Avenue Englewood, CO 80113	060034	05/03/2006	CO	
St Bernards PET Center 225 E. Jackson Avenue Jonesboro, AR 72401	5C658	05/03/2006	AR	
Toledo Regional PET Scan, LLC 3442 Granite Circle Toledo, OH 43617	T0ID01881	05/03/2006	OH	
University MRI 3848 F.A.U. Boulevard Suite 200 Boca Raton, FL 33431	E1765	05/03/2006	FL	
Tucson PET Imaging 5355 E. Erickson Drive Tucson, AZ 85712	WCBBM	05/03/2006	AZ	
Via Christi Oklahoma Regional Medical Center 1900 N. 14th Street Ponca City, OK 74601	370006	05/03/2006	OK	

Christian Hospital 11133 Dunn Road St Louis, MO 63136	260180	05/03/2006	MO	
DRA Imaging PC 1 Columbia Street Poughkeepsie, NY 12601	W18691	05/03/2006	NY	
Cleveland Clinic Star Imaging 921 Jasonway Avenue Columbus, OH 43214	34-1932969	05/03/2006	OH	
Norman PET Associates, LLC 3750 W. Robinson Street Suite 130 Norman, OK 73072	900522224	05/03/2006	OK	
Rhode Island PET Services—St. Josephs 200 High Service Avenue N Providence, RI 02904	479003556	05/03/2006	RI	
Rhode Island PET Services—South County Hospital 100 Kenyon Avenue Wakefield, RI 02879	479003556	05/03/2006	RI	
Rhode Island PET Services—Roger Williams 825 Chalkstone Avenue Providence, RI 02908	479003556	05/03/2006	RI	
Rhode Island PET Services—Landmark 115 Cass Avenue Woonsocket, RI 02895	479003556	05/03/2006	RI	
Forest City Diagnostic Imaging 735 Perryville Road Rockford, IL 61107	546450	05/03/2006	IL	Lower Level 2

New England Molecular Imaging-York 15 Hospital Drive York, ME 03909	479003556	05/03/2006	ME	
Pavilion Imaging 750 Wellington Avenue Grand Junction, CO 81502	060023	05/03/2006	CO	
Lifescan Chicago 2242 W. Harrison Street Chicago, IL 600612	470000014	05/03/2006	IL	
Southeast Medical Imaging 300 Evergreen Drive Suite 210 Glen Mills, PA 19342	092801	05/03/2006	PA	
The Western Pennsylvania Hospital 4800 Friendship Avenue Pittsburgh, PA 15224	390090	05/03/2006	PA	
Southtowns PET/CT 550 Orchard Park Road West Seneca, NY 14224	14422A	05/03/2006	NY	
Main Street Radiology-Bayside 44-01 Francis Lewis Boulevard Bayside, NY 11361	04217	05/03/2006	NY	
Main Street Radiology-Bayside 44-01 Francis Lewis Boulevard Bayside, NY 11361	04217A	05/03/2006	NY	
West VA University Center for Advanced Imaging 1 Medical Center Drive Morgantown, WV 26506	9121131	05/03/2006	WV	PO Box 9236, Health Center South

Twin Lakes Medical Specialist, PA 228 Bucher Drive Mountain Home, AR 72653	5B019	05/03/2006	AR	
Valley Metabolic Imaging, LLC 6121 N Thesta Street Fresno, CA 93710	ZZZ23924Z	05/03/2006	CA	Suite 207
Johnson City Medical Center 400 North State of Franklin Johnson City, TN 37642	440063	05/03/2006	TN	
St Louis University Hospital 3665 Vista Avenue St Louis, MO 63110	000050109	05/03/2006	MO	
Margaret R. Pardee Memorial Hospital 800 North Justice Street Hendersonville, NC 28791	340017A	05/03/2006	NC	
Valley Imaging Partnership 1401 W. Merced Avenue #103 West Covina, CA 91790	TP035	05/03/2006	CA	
Sierra Imaging 155 Calle Portal Sierra Vista, AZ 85635	Z68496	05/03/2006	AZ	
Aspirus Wausau Hospital 333 Pine Ridge Boulevard Wausau, WI 54401	520030A	05/03/2006	WI	
Cancer Care Northwest PET Center 910 W 5th Avenue Spokane, WA 99204	1922072081	05/03/2006	WA	Suite 130

PET/CT Imaging of North Texas 2900 North I-35 Denton, TX 76201	00088Y	05/03/2006	TX	Suite 119
Loyola University Health System 2160 S. First Avenue Maywood, IL 60153	140276	05/03/2006	IL	
St. Elizabeth Medical Center One Medical Village Drive Edgewood, KY 41017	180035	05/03/2006	KY	
Cleveland Clinic 9500 Euclid Avenue Cleveland, OH 44195	9925511	05/03/2006	OH	
Ingalls Family Care Center 6701 159th Street Tinley Park, IL 60477	14-0191	05/03/2006	IL	
PET Fusion Center 4204 Houma Boulevard Metairie, LA 70006	5CB31	05/03/2006	LA	
United Regional Medical Center 1001 McArthur Drive Manchester, TN 37355	440007	05/03/2006	TN	
Joel Bernstein, MD 5395 Ruffin Road Suite 202 San Diego, CA 92123	W18972	05/03/2006	CA	
Hasnat Ahmed, MD 5395 Ruffin Road Suite 202 San Diego, CA 92123	W18370	05/03/2006	CA	

Meridian North Imaging Center 12188 N. Meridian Street Carmel, IN 46280	026010	05/03/2006	IN	Suite 100
Cancer Center Oncology Medical Group 5395 Ruffin Road Suite 202 San Diego, CA 92123	W12245A	05/06/2006	CA	
Firelands Regional Medical Center 1101 Decatur Street Sandusky, OH 44870	360025	05/03/2006	OH	
United Radiology-Greenbelt PO Box 34979 West Bethesda, MD 20827	FMN007	05/03/2006	MD	
Richard Just, MD 5395 Ruffin Road Suite 202 San Diego, CA 92123	W16197	05/03/2006	CA	
Michael Kipper, MD 5395 Ruffin Road Suite 202 San Diego, CA 92123	A24091	05/03/2006	CA	
McLaren Regional Medical Center 401 S. Ballenger Highway Flint, MI 48532	230141	05/03/2006	MI	
United Radiology- Silver Spring PO Box 34979 West Bethesda, MD 20827	FMN007	05/03/2006	MD	

United Radiology-Rockville PO Box 34979 West Bethesda, MD 20827	FMN007	05/03/2006	MD	
St Mary's Health Center 6420 Clayton Road St Louis, MO 63117	260091	05/03/2006	MO	
Bay Regional Medical Center 1900 Columbus Avenue Bay City, MI 48708	230041	05/03/2006	MI	
Lapeer Regional Medical Center 1375 N. Main Street Lapeer, MI 48446	230193	05/03/2006	MI	
Scottsdale Medical Imaging, Ltd.- SW Diagnostics 9003 E. Shea Boulevard Scottsdale, AZ 85260	1902896236	05/03/2006	AZ	
Valley Medical Oncology Consultants, Inc. 3000 Oak Road #111 Walnut Creek, CA 94597	ZZZ29659Z	05/03/2006	CA	
Northwest Community Hospital 800 W Central Road Arlington Heights, IL 60005	36-2340313	05/03/2006	IL	
PET Imaging of Dallas 8333 Douglas Avenue C-20 Dallas, TX 75225	FTN017	05/03/2006	TX	
PET Imaging of Dallas- Northeast 1250 R Northwest Highway Garland, TX 75041	FTN028	05/03/2006	TX	
St Joseph's Regional Medical Center 703 Main Street Paterson, NJ 07503	310019	05/03/2006	NJ	

PET Imaging of Houston 2493-A South Braeswood Blvd. Houston, TX 77030	FTN010	05/03/2006	TX	
Goshen General Hospital 200 High Park Avenue Goshen, IN 46526	150026	05/03/2006	IN	
PET Imaging of ELMC 8550 West 38th Avenue Suite 102 Wheat Ridge, CO 80033	800665	05/03/2006	CO	
PET Imaging of Houston- Southeast 6021 Fairmont Parkway Suite 120 Pasadena, TX 77505	FTN030	05/03/2006	TX	
Peninsula Imaging, LLC 560 Riverside Drive Suite A104 Salisbury, MD 21801	481L	05/03/2006	AL	
Zwanger-Pesiri 126 Hicksville Road Massapequa, NY 11758	W13931	05/03/2006	NY	
Las Calinas PET Imaging, LLP 1110 Cottonwood Lane Irving, TX 75038	FTN019	05/03/2006	TX	Suite 220
Mt Carmel Regional Medical Center 1102 East Centennial Drive Pittsburg, KS 66762	014041	05/03/2006	KS	
Iowa Blood & Cancer Care, PLC 855 A. Avenue NE Cedar Rapids, IA 52402	I6672	05/03/2006	IA	Medical Office Plaza, LL4
Hackensack University Medical Center 30 Prospect Avenue Hackensack, NJ 07601	310001	05/03/2006	NJ	

McLeod PET Imaging Center 800 East Cheves Street Florence, SC 29501	570370242001	05/03/2006	SC	Suite 170
St Alexius Medical Center 900 E. Broadway Avenue Bismarck, ND 58506	35-0002	05/03/2006	ND	PO Box 5510
Center for Diagnostic Imaging 1295 Orange Avenue Winter Park, FL 32789	K0097	05/03/2006	FL	
Charleston Radiologists, PA 9313 Medical Plaza Drive Charleston, SC 29406	1709	05/03/2006	SC	Suite 302
PET Imaging of Houston-West 9525 Katy Freeway Suite 102 Houston, TX 77024	FTN023	05/03/2006	TX	
University Hospitals of Cleveland 11100 Euclid Avenue Cleveland, OH 44106	36-0137	05/03/2006	OH	Mailstop BSHB5056
PET Imaging of Sugar Land 17320 W Grand Parkway S. Suite A Sugar Land, TX 77479	FTN027	05/03/2006	TX	
PET Imaging of Oklahoma City 1000 N. Lincoln Boulevard Suite 250 Oklahoma City, OK 73104	800522283	05/03/2006	OK	
PET Imaging of Tulsa 6711 S. Yale Avenue #104 Tulsa, OK 74136	400522320	05/03/2006	OK	

PET Imaging of The Woodlands 3091 College Park Drive Suite 340 The Woodlands, TX 77384	FTN021	05/03/2006	TX	
Tarrant Diagnostic Imaging 1121 8th Avenue Fort Worth, TX 76104	FTN012	05/03/2006	TX	
Wyandot Memorial Hospital 85 North Sandusky Avenue Upper Sandusky, OH 43351	361329	05/03/2006	OH	
Oregon Health & Science University 3181 SW Sam Jackson Park Road Portland, OR 97229	380009	05/03/2006	OR	
Saint John's Health System 2015 Jackson Street Anderson, IN 46016	150088	05/03/2006	IN	
Hudson Valley PET Imaging, LLC 160 North Midland Avenue Nyack, NY 10960	W1L903	05/03/2006	NY	
Kingston Diagnostic Center 167 Schwenk Drive Kingston, NY 12401	W1L921	05/03/2006	NY	
Appleton Medical Center 1818 N. Meade Street Appleton, WI 54911	520160	05/03/2006	WI	
St. Elizabeth Health Center 1044 Belmont Avenue Youngstown, OH 44501	360064	05/03/2006	OH	
Sinai Hospital of Baltimore 2401 West Belvedere Avenue Baltimore, MD 21215	210012	05/03/2006	MD	

Associates in Radiology of Plattsburgh, NY 762 Route 3 Suite 14 Plattsburgh, NY 12901	33572A	05/03/2006	NY	
Affiliated PET Systems- Rockville 9711 Medical Center Drive Rockville, MD 20850	FDNX01	05/03/2006	MD	
Lake Medical Imaging & Breast Center 1400 US Highway 441 North Suite 510 The Villages, FL 32159	59-3522082	05/03/2006	FL	
Affiliated PET Systems-Silver Spring 1400 Forest Glen Road Silver Spring, MD 20910	FDNX01	05/03/2006	MD	Suite 430
North Texas Clinical PET Institute 3535 Worth Street Suite 150 Dallas, TX 75246	99R339	05/03/2006	TX	
Lake Imaging Center 801 E. Dixie Avenue Suite 104 Leesburg, FL 34748	59-3635297	05/06/2006	FL	
Edwards Comprehensive Cancer Center 1400 Hal Greer Boulevard Huntington, WV 25701	510055	05/03/2006	WV	

Allison Cancer Center 301 North N Street Midland, TX 79701	140414744	05/03/2006	TX	
Clinical PET of Leesburg 8525 US Highway 441 Leesburg, FL 34748	E7179A	05/03/2006	FL	
Greene Medical Imaging, PC 159 Jefferson Heights D-106 Catskill, NY 12414	W25021	05/03/2006	NY	
Caritas PET Imaging, LLC- Norwood Hospital 70 Walnut Street Foxboro, MA 02035	32-7092	05/03/2006	MA	Caritas Norwood Hospital - Foxboro Campus
Caritas PET Imaging, LLC-New England Medical Center 750 Washington Street Boston, MA 02111	32-7092	05/03/2006	MA	Tufts - New England Medical Center
Austin, Radiological Assn.-San Marcos 1348 B Highway 123 South San Marcos, TX 78666	74-1597116	05/03/2006	TX	
ARA Imaging-Rock Creek 2120 N Mays Street #220 Round Rock, TX 78664	20-1651590	05/03/2006	TX	
ARA Imaging-Southwood 1701 W. Ben White Boulevard #170 Austin, TX 78704	20-1651590	05/03/2006	TX	

Elkhart General Hospital 600 East Boulevard Elkhart, IN 46514	15-0018	05/03/2006	IN	
Austin, Radiological Assn.- Midtown 1301 W. 38th Street Suite 100 Austin, TX 78705	74-1597116	05/03/2006	TX	
Caritas PET Imaging, LLC- St. Elizabeth's 736 Cambridge Street Boston, MA 02135	32-7092	05/03/2006	MA	St. Elizabeth's Medical Center
Global PET Imaging, LLC 1800 Hollister Drive Suite G-10 Libertyville, IL 60048	309590	05/03/2006	IL	Grand Oaks Health Center
Caritas PET Imaging, LLC- Carney Hospital 2100 Dorchester Avenue Dorchester, MA 02124	32-7092	05/03/2006	MA	Caritas Carney Hospital
Caritas PET Imaging, LLC- Milton Hospital 92 Highland Street Milton, MA 02186	32-7092	05/03/2006	MA	
Caritas PET Imaging, LLC-St. Anne's Hospital 795 Middle Street Fall River, MA 02721	32-7087	05/03/2006	MA	St. Anne's Hospital
Caritas PET Imaging, LLC- Good Samaritan 235 North Pearl Street Brockton, MA 02301	32-7087	05/03/2006	MA	Caritas Good Samaritan Medical Center
Panhandle PET Imaging 6700 W. 9th Avenue Amarillo, TX 79106	TFN0007	05/03/2006	TX	

PET Imaging of San Francisco 1700 California Street Suite 480 San Francisco, CA 94109	ZZZ-223-782	05/03/2006	CA	
PET/CT Imaging of Berkeley 2855 Telegraph Avenue Suite 100 Berkeley, CA 94705	ZZZ-288-837	05/03/2006	CA	
Western Maryland Health System-Sacred Heart Campus 902 Seton Drive Cumberland, MD 21502	210027	05/03/2006	MD	Western Maryland Health System- Sacred Heart Campus
Desert PET Imaging, LLC 1180 N. Indian Cyn Drive Palm Springs, CA 92262	ZZZ28648Z	05/03/2006	CA	
First PET of Stockton 4744 Quail Lake Drive Stockton, CA 95207	00A484230	05/03/2006	CA	
Utah Cancer Specialist 3838 South 700 East Salt Lake City, UT 84106	57172	05/03/2006	UT	Suite 100
Washington Radiology Associates, PC 2121 K Street, NW Washington, DC 20006	WA409885	05/03/2006	DC	Suite T-120
New Rochelle Radiology Associates, PC 175 Memorial Highway New Rochelle, NY 10801	W05571	05/03/2006	NY	
North Little Rock PET Associates, LLC 3500 Springhill Drive North Little Rock, AR 72117	5F437	05/03/2006	AR	Suite 100

Advanced Imaging Concepts, PL 13063 Cortez Boulevard Brooksville, FL 34613	94774	05/03/2006	FL	
Mansfield Imaging Center 536 S. Trimble Road Mansfield, OH 44906	MAD10921	05/03/2006	OH	
West Tennessee Imaging Center 300 Coatsland Drive Jackson, TN 38305	44-0002	05/03/2006	TN	
Imaging Center of North Central Indiana, Inc. 2201 W. Boulevard Kokomo, IN 46902	224110	05/03/2006	IN	
University of Kansas Hospital 3901 Rainbow Boulevard Kansas City, KS 66160	17-00040	05/03/2006	KS	Division of Nuclear Medicine
PET Imaging of SWLA, LLC 600 Bayou Pines East Lake Charles, LA 70601	5CK63	05/03/2006	LA	Suite A
Community Imaging Partners of Frederick 67 Thomas Johnson Drive Frederick, MD 21702	980M	05/03/2006	MD	
Community Imaging Partners of Olney 18111 Prince Phillip Drive #T-20 Olney, MD 20832	409410	05/03/2006	MD	Community Imaging Partners
The West Clinic, PC 100 N. Humphreys Boulevard Memphis, TN 38120	3704066	05/03/2006	TN	

Imaging Central LLC 7111 W. Central Avenue Toledo, OH 43617	IMID01641	05/03/2006	OH	
Advanced Radiology-Dixon 291 Stoner Avenue Westminster, MD 21157	527L	05/03/2006	MD	
Advanced Radiology-Harford Imaging 104 Plumtree Road Bel Air, MD 21015	527L	05/03/2006	MD	Suite 106
Advanced Radiology-Cross Roads 4801 Dorsey Hall Road Ellicott City, MD 21042	527L	05/03/2006	MD	Suite 101
Advanced Radiology-PET Imaging of MD 1700 Reisterstown Road Baltimore, MD 21208	527L	05/03/2006	MD	Suite 119
Cancer & Blood Disease Center 521 N. Lecanto Highway Lecanto, FL 34461	72840	05/03/2006	FL	
Huntington Outpatient Imaging Center, Inc. 800 S. Fairmount Avenue Pasadena, CA 91105	W1575B	05/03/2006	CA	Suite 120
Universal Imaging, Inc. 4600 Investment Drive Troy, MI 48083	ON69130	05/03/2006	MI	
Berger Health System 1170 North Court Street Circleville, OH 43113	360710	05/03/2006	OH	
Contemporary Imaging-Trenton 1676 Fort Street Trenton, MI 48183	OP23200	05/03/2006	MI	
South Tulsa PET, LLC 7712 S. Yale Avenue Tulsa, OK 74136	800522360	05/03/2006	OK	Ste 100

Cancer Center of the Carolinas 200 Andrews Street Greenville, SC 29601	6526	05/03/2006	SC	Suite 100
OSF Saint Francis Medical Center 530 NE Glen Oak Avenue Peoria, IL 61637	14-0067	05/03/2006	IL	
Sacred Heart-St. Mary's Hospitals, Inc. 2251 Northshore Drive Rhinelander, WI 54501	1100700	05/03/2006	WI	
Capital Region Radiation Therapy & Imaging 3400 W. Truman Boulevard Jefferson City, MO 65109	260047	05/03/2006	MO	PO 150832
University PET/CT Imaging 19 Bradhurst Avenue Hawthorne, NY 10532	W2Y371	05/03/2006	NY	Suite 1200
Aztech Radiology-Apache Trail 1840 W. Apache Trail Apache Junction, AZ 85222	Z72398	05/03/2006	AZ	
Aztech Radiology-Casa Grande 1669 E McMurray Boulevard Casa Grande, AZ 85222	Z25341	05/03/2006	AZ	
Missouri Cancer Associates 105 N. Keene Street Columbia, MO 65201	000012700	05/03/2006	MO	Suite 100
White River Medical Center 1710 Harrison Street Batesville, AR 72501	040119	05/03/2006	AR	
Englewood Hospital & Medical Center 350 Engle Street Englewood, NJ 07631	310045	05/03/2006	NJ	

Regional Imaging & Therapeutic Radiology Services 360 Bard Avenue Staten Island, NY 10310	1023095445	05/03/2006	NY	
Rocky Mountain Cancer Centers-South 7951 E. Maplewood Avenue Suite 300 Greenwood Village, CO 80111.	204508	05/03/2006	CO	
Rocky Mountain Cancer Centers-North 7951 E. Maplewood Avenue Suite 300 Greenwood Village, CO 80111	204508	05/03/2006	CO	
Molecular Imaging of Hamilton County-Bethesda 4197 Fulton Road NW, Suite C Canton, OH 44718	MOID01221	05/03/2006	OH	
Molecular Imaging of Hamilton County-Good Sam 4197 Fulton Road NW, Suite C Canton, OH 44718	MOID01221	05/03/2006	OH	
Kettering Medical Center 3535 Southern Boulevard Kettering, OH 45429	360079	05/03/2006	OH	
St. Mary's Hospital 5801 Bremono Road Richmond, VA 23226	540793767	05/03/2006	VA	

Columbus Medical Institute of NY 97-85 Queens Boulevard Rego Park, NY 11374	05679	05/03/2006	NY	
Meadville Medical Center 1034 Grove Street Meadville, PA 16335	39-0113	05/03/2006	PA	
Chambersburg Hospital- Radiology 112 North Seventh Street Chambersburg, PA 17201	390151	05/03/2006	PA	
Oregon Advanced Imaging 881 O'Hare Parkway Medford, OR 97504	R114546	05/03/2006	OR	
Singing River Hospital 2809 Denny Avenue Pascagoula, MS 39581	250040	05/03/2006	MS	
East Texas Medical Center- Tyler 1000 S. Beckham Avenue Tyler, TX 75701	4500833	05/03/2006	TX	
Columbia, St. Mary's Hospital 2025 E. Newport Avenue Columbia Campus Milwaukee, WI 53211	520051	05/03/2006	WI	
Sharon Regional Health System 740 East State Street Sharon, PA 16146	390211	05/03/2006	PA	
Northern Ohio Imaging Center 1900 West River Road Elyria, OH 44035	36-0172	05/03/2006	OH	
Oxford Valley Diagnostic Center 940 Town Center Drive Langhorne, PA 19047	232745550	05/03/2006	PA	Suite F50>

The Emory Clinic 1365 Clifton Road Building C Room Court 048 Atlanta, GA 30322	582030692	05/03/2006	GA	
Alegent Health Bergan Mercy Medical Center 7500 Mercy Road Omaha, NE 68124	280060	05/03/2006	NE	
University Center Imaging 1065 Delaware Avenue Marion, OH 43302	20-3873307	05/03/2006	OH	
Elk Regional Health Center 763 Johnsonburg Road St Mary's, PA 15857	39-0154	05/03/2006	PA	
Health Park Hospital 1636 Higdon Ferry Road Hot Springs, AR 71913	04-0142	05/03/2006	AR	
Johnsonburg Health Center 81 Clarion Road Johnsonburg, PA 15845	39-0104	05/03/2006	PA	
Jane Phillips Medical Center 3500 E. Frank Phillips Boulevard Bartlesville, OK 74006	370015	05/03/2006	OK	
North Main Imaging Center 7650 First Place Suite B Oakwood Village, OH 44146	NEID01521	05/03/2006	OH	
PET Imaging Center of Delaware County-DCMH 501 North Lansdowne Avenue Drexel Hill, PA 19026	390081	05/03/2006	PA	

NEO-PET CRC Imaging 7650 First Place Suite B Oakwood Village, OH 44146	NEID01521	05/03/2006	OH	
PET Imaging Center of Delaware County-Springfield 190 West Sproul Road. Springfield, PA 19064	381080	05/03/2006	PA	
Harper University-Hospital 3990 John R Street Detroit, MI 48201	230104	05/03/2006	MI	
Sinai-Grace Hospital 6071 W. Outer Drive Detroit, MI 48235	23-0024	05/03/2006	MI	
Seattle Radiologists APC 1229 Madison Street Seattle, WA 98104	G0001589600	05/03/2006	WA	#900
Huron Valley-Sinai Hospital 1 William Carl Drive Commerce, MI 48382	23-0277	05/03/2006	MI	
East Memphis PET Imaging 6005 Park Avenue Memphis, TN 38119	3374526	05/03/2006	TN	Suite 101B
UPMC-PET Imaging Facility 200 Lothrop Street Pittsburgh, PA 15213	390164	05/03/2006	PA	9th Floor B-Wing PUH
UPMC-PET Imaging Facility 300 Halket Street Pittsburgh, PA 15213	390114	05/03/2006	PA	
Rhode Island Hospital 593 Eddy Street Providence, RI 02903	05-025-8954	05/03/2006	RI	
David C. Pratt Cancer Center 607 South New Bulbs Road St Louis, MO 63141	260020	05/03/2006	MO	

Lewistown Hospital 400 Highland Avenue Lewistown, PA 17044	390048	05/03/2006	PA	
Lawrence Memorial Hospital 325 Maine Street Lawrence, KS 66044	170137	05/03/2006	KS	
Jameson Hospital 1211 Wilmington Avenue New Castle, PA 16105	39-0016	05/03/2006	PA	
Diagnostic Clinic of Houston 1200 Binz Street Houston, TX 77004	76-0203506	05/03/2006	TX	
Arlington Heights Radiology Center, LLC 121 South Wilke Road Arlington Heights, IL 60005	212301	05/03/2006	IL	
Oregon Imaging Center 1200 Hilyard Street Eugene, OR 97401	R0000WCPGH	05/03/2006	OR	#330
Arlington Heights Radiology Center, LLC 121 South Wilke Road Arlington Heights, IL 60005	212301	05/03/2006	IL	
Indiana Univ Radiology Assoc PET Imaging Center 950 W. Walnut Street Room E124 Indianapolis, IN 46202	959090	05/03/2006	IN	
Morristown Memorial Hospital 100 Madison Avenue Morristown, NJ 07962	310015	05/03/2006	NJ	
Baton Rouge Radiology Group 5422 Dijon Drive Baton Rouge, LA 70808	5B039	05/03/2006	LA	

North Texas PET Imaging 3720 South I-35E Denton, TX 76210	752131429	05/03/2006	TX	
Children's Hospital of Michigan PET Center 3901 Beaubien Street Detroit, MI 48201	23-3300	05/03/2006	MI	
Winchester Medical Center 1840 Amherst Street Winchester, VA 22601	490005	05/03/2006	VA	
Decatur Health Imaging, LLC 1123 16th Avenue SE Decatur, AL 35601	051555161	05/03/2006	AL	
Health Imaging Services, LLC 1760 Warnke Circle NE Cullman, AL 35058	051553273HEA	05/03/2006	AL	
PET/CT Imaging of the Mainline 21 Industrial Boulevard Suite 103 Paoli, PA 19301	097715	05/03/2006	PA	
PET Imaging of Brevard 1430 Pine Street Melbourne, FL 32901	39254	05/03/2006	FL	
North Carolina Baptist Hospital Medical Center Boulevard Winston Salem, NC 27157	34-0047	05/03/2006	NC	

St Francis Hospital 34515 9th Avenue S Federal Way, WA 98003	500108	05/03/2006	WA	
Saint Barnabas Outpatient Center 200 S. Orange Avenue Livingston, NJ 07039	440149	05/03/2006	NJ	
PET/CT Imaging of Ramapa Radiology 972 Route 45 Suite 106 Pomona, NY 10970	W21711	05/03/2006	NY	
Medical University of South Carolina PET/CT 169 Ashley Avenue Charleston, SC 29425	420004	05/03/2006	SC	
Akron General Medical Center 300 Wabash Avenue Akron, OH 44307	36-0027	05/03/2006	OH	
New England Molecular Imaging-Mercy Hospital 144 State Road Portland, ME 04103	NE327075	05/03/2006	ME	
New England Molecular Imaging-Penobscot Bay 6 Glenn Cove Drive Rockport, ME 04856	NE327076	05/03/2006	ME	
Center for Outpatient Services- St. Joseph 3900 Hollywood Road St. Joseph, MI 49085	23-0021	05/03/2006	MI	
New England Molecular Imaging-Central Maine 12 High Street Lewiston, ME 04240	NE327076	05/03/2006	ME	

Imaging Consultants, Inc.- Berkshire 8 Conte Drive Pittsfield, MA 01210	327085	05/03/2006	MA	
Imaging Consultants, Inc.- Boston Medical 840 Harrison Avenue Boston, MA 02118	327083	05/03/2006	MA	
Imaging Consultants, Inc.- Boston PET One Brookline, Place Brookline, MA 02445	327083	05/03/2006	MA	
Baptist Memorial Hospital PET Center 6027 Walnut Grove Road Memphis, TN 38120	44-0048	05/03/2006	TN	
Southern Oklahoma PET/CT Imaging 701 E. Robinson Street Norman, OK 73071	90015477	05/03/2006	OK	
Ann G. Fetters Diagnostic Imaging Center 2151 N. Harbor Boulevard Fullerton, CA 92835	050168	05/03/2006	CA	
Pitt County Memorial Hospital 2100 Stantonsburg Road Greenville, NC 27835	56-0585243	05/03/2006	NC	
Inland Imaging, LLC 105 W. 8th Avenue Spokane, WA 99202	AB01749	05/03/2006	WA	Suite 100C
University of Chicago Hospitals 5758 S. Maryland Avenue Chicago, IL 60637	140088	05/03/2006	IL	Room #0150

Birch Medical Imaging Center 20162 SW Birch Street Newport Beach, CA 92660	W19353	05/03/2006	CA	
Tennessee Oncology PET Services 2018 Murphy Avenue Nashville, TN 37203	3709319	05/03/2006	TN	Suite 200
Tennessee PET Scan 1020 N. Highland Avenue Murfreesboro, TN 37130	3791187	05/03/2006	TN	Suite A
Texas Oncology-Harris Center HEB 1615 Hospital Parkway Bedford, TX 76022	00R66C	05/03/2006	TX	Suite 300
Greater Dayton Cancer Center 3120 Governor's Place Boulevard Kettering, OH 45409	9295791	05/03/2006	OH	
Martha Jefferson Hospital 459 Locust Avenue Charlottesville, VA 22902	490077	05/03/2006	VA	
Modern Diagnostic Imaging 600 S. Dobson Road Chandler, AZ 85224	107628	05/03/2006	AZ	Suite B-16
Christiana Care Nuclear Medicine/PET 4755 Ogletown-Stanton Road Newark, DE 19718	080001	05/03/2006	DE	

Advanced Imaging of Port Charlotte, LLC 2625 Tamiami Trail Port Charlotte, FL 33952	K6802	05/03/2006	FL	Suite 1
St. Joseph's Diagnostic Center- MLK 3003 Martin Luther King, Jr. Boulevard Tampa, FL 33067	97779	05/03/2006	FL	
South Carolina Oncology Associates 166 Stoneridge Drive Columbia, SC 29210	6275	05/03/2006	SC	
South Carolina Oncology Associates 166 Stoneridge Drive Columbia, SC 29210	6276	05/03/2006	SC	
Access Health Imaging 5257 Highway 82, East Lake Village, AR 71653	5M809	05/03/2006	AR	
PET/CT Services of Florida- Beverly Hills 3404 N. Lecanto Highway Beverly Hills, FL 34465	V0103	05/03/2006	FL	Beverly Hills Medical Park
PET/CT Services of Florida- Ocala 1541 SW 1st Avenue Ocala, FL 34474	V0103	05/03/2006	FL	Suite 101B
Blanchard Valley Regional Health Center 145 W. Wallace Street Findlay, OH 45840	360095	05/03/2006	OH	

Papastavros Associates Medical Imaging 1701 Augustine Cut-Off Wilmington, DE 19803	1083615561	05/03/2006	DE	
PET Imaging of Willowbrook 13300 Hargrave Road Houston, TX 77070	FTN032	05/03/2006	TX	Suite 130
PET Imaging of Northern Colorado 1915 Wilmington Drive Ft Collins, CO 80528	804621	05/03/2006	CO	Suite 101
Temecula Valley Advanced Imaging 25395 Hancock Avenue Murrieta, CA 92592	ZZZ-150752	05/03/2006	CA	Suite 110
Saint Anthony Memorial Health Center 301 West Homer Street Michigan City, IN 46360	A150015	05/03/2006	IN	
Salina Regional Health Center 400 S. Santa Fe Avenue Salina, KS 67401	170012	05/03/2006	KS	PO Box 5080
Cancer Center of Kansas 818 N. Emporia Street Wichita, KS 67214	110217	05/03/2006	KS	Suite 100
Clinton Crossings Imaging 995 Senator Keating Boulevard Rochester, NY 14618	14439A	05/03/2006	NY	
NSMS-Shelby County 4253 Argosy Court Madison, WI 53714	116068	05/03/2006	WI	
Verrazano Radiology, PC 256A Mason Avenue Staten Island, NY 10305	200011201	05/03/2006	NY	

Imaging Consultants, Inc.-M Brockton Hospital 680 Centre Street Brockton, MA 02301	327085	05/03/2006	MA	
Imaging Consultants, Inc.-Cape Cod 252 Long Pond Drive Harwich, MA 02645	327085	05/03/2006	MA	Fontain Medical Center
Imaging Consultants Inc - Falmouth 100 Ter Hewn Drive Falmouth, MA 02540	327085	05/03/2006	MA	
Imaging Consultants, Inc.- Jordan 275 Sandwich Street Plymouth, MA 02360	327085	05/03/2006	MA	
Imaging Consultants, Inc.- Holyoke 575 Beech Street Holyoke, MA 01040	327085	05/03/2006	MA	
Imaging Consultants, Inc.-Mercy Medical 271 Carew Street Springfield, MA 01089	327085	05/03/2006	MA	
Imaging Consultants, Inc.- Lawrence Memorial 170 Governors Avenue Medford, MA 02155	327083	05/03/2006	MA	
Imaging Consultants, Inc.-Metro West 115 Lincoln Street Framingham, MA 01701	327083	05/03/2006	MA	
Imaging Consultants, Inc.- Milford 14 Prospect Street Milford, MA 01757	327085	05/03/2006	MA	

Imaging Consultants, Inc.- Quincy 114 Whitwell Street Quincy, MA 02196	327083	05/03/2006	MA	
Imaging Consultants, Inc.-Saints Memorial 2 Hospital Drive Lowell, MA 01852	327083	05/03/2006	MA	
Imaging Consultants, Inc.- Truesdale 1030 Presidents Avenue Fall River, MA 02720	327085	05/03/2006	MA	
Imaging Consultants, Inc.-Twin City 76 Summer Street Fitenburg, MA 01420	N/A	05/03/2006	MA	
Imaging Consultants, Inc.- Worcester 20 Worcester Center Boulevard Worcester, MA 01608	327085	05/03/2006	MA	
Sentara Mobile PET/CT- Careplex 5900 Lake Wright Drive Suite B Norfolk, VA 23502	250605	05/04/2006	VA	
Sentara Mobile PET/CT-Lake Wright 5900 Lake Wright Drive Suite B Norfolk, VA 23502	250605	05/04/2006	VA	
Sentara Mobile PET/CT- Princess Anne 5900 Lake Wright Drive Suite B Norfolk, VA 23502	250605	05/04/2006	VA	

Sentara Mobile PET/CT- Williamsburg 5900 Lake Wright Drive Suite B Norfolk, VA 23502	250605	05/04/2006	VA	
Memorial Hospital of South Bend 615 N. Michigan Street South Bend, IN 46601	150058	05/04/2006	IN	
NSMS-Belleville, IL 4253 Argosy Court Madison, WI 53714	208196	05/04/2006	WI	
NSMS-Flora, IL 4253 Argosy Court Madison, WI 53714	208196	05/04/2006	WI	
NSMS-Breese, IL 4253 Argosy Court Madison, WI 53714	208196	05/04/2006	WI	
SSM DePaul Health Center 12303 DePaul Drive St Louis, MO 63044	260104	05/04/2006	MO	
Lutheran Hospital 7950 W. Jefferson Boulevard Fort Wayne, IN 46804	150017	05/11/2006	IN	
Memorial MRI and Diagnostic 1346 Campbell Road Houston, TX 77055	00941U	05/11/2006	TX	
Shields Imaging of Eastern Mass 55 Fogg Road Weymouth, MA 2190	327088	05/11/2006	MA	
Baystate MRI and Imaging Center 3300 Main Street Springfield, MA 1107	327039	05/11/2006	MA	

Advanced Imaging Center 16110 Jog Road, 200 Delray Beach, FL 33446	U2049	05/11/2006	FL	
UMASS Memorial MRI and Imaging Center 214 Shrewsbury Street Worcester, MA 1604	327040	05/11/2006	MA	
RCOA Imaging Services 1108 Minnequa Avenue Pueblo, CO 81004	475748	05/11/2006	CO	
Adventist Health PET/CT- Hanford 450 N. Greenfield Avenue Hanford, CA 93230	ZZZ318852	05/11/2006	CA	
Adventist Health PET/CT- Feather River 5974 Pertz Road Paradise, CA 95969	ZZZ318852	05/11/2006	CA	
Adventist Health PET/CT- Sonora 1000 Greenley Road Sonora, CA 95370	ZZZ318852	05/11/2006	CA	
Sarasota Memorial PET 5350 University Parkway Sarasota, FL 34238	U1775	05/11/2006	FL	
Adventist Health PET/CT- Redbud 18th Ave. at Highway 53 PO Box 6710 Clear Lake, CA 95422	ZZZ318852	05/11/2006	CA	
Adventist Health PET/CT- St. Helena 10 Woodland Road St. Helena, CA 94574	ZZZ318852	05/11/2006	CA	
Adventist Health PET/CT-Ukiah 275 Hospital Drive Ukiah, CA 95482	ZZZ318852	05/11/2006	CA	

Mease Outpatient Imaging 1840 Mease Drive Safety Harbor, FL 34685	100265	05/11/2006	FL	
Bardmoor Outpatient Center 8787 Bryan Dairy Road Largo, FL 33777	00594C	05/11/2006	FL	
Trinity Outpatient Center 2102 Trinity Oaks Boulevard New Port Richey, FL 34655	00594D	05/11/2006	FL	
Walnut Creek Imaging Center 114 La Casa Via, #200 Walnut Creek, CA 94598	ZZZ13902Z	05/11/2006	CA	
Carlisle Imaging Center 1240 S. Ft. Harrison Clearwater, FL 33756	594	05/11/2006	FL	
Valley Radiology Imaging at Samaritan 2581 Samaritan Drive, #100 San Jose, CA 95124	ZZZ139851Z	05/11/2006	CA	
Forest Hills PET Imaging 102-02 Queens Boulevard Forest Hills, NY 11375	06998G	05/11/2006	NY	
Roper LowCountry PET Imaging Center 316 Calhoun Street Charleston, SC 29401	Q326280001	05/11/2006	SC	
Premier PET Imaging of NJ 119 Cherry Hill Road Parsippany, NJ 07054	68433	05/11/2006	NJ	Suite 100
Methodist Medical Center of Illinois 221 NE Glen Oak Avenue Peoria, IL 61636	370661223	05/11/2006	IL	
Medical Imaging of Baltimore 6715 N. Charles Street Baltimore, MD 21204	258L	05/12/2006	MD	

Yagnesh Oza, MD 4117 Velerous Memorial Drive Mt Vernon, IL 62864	212702	05/12/2006	IL	
Moffitt Cancer Center 12902 Magnolia Drive Tampa, FL 33612	100271	05/12/2006	FL	
PrimeMed Imaging 5 Morgan Highway Suite 7 Scranton, PA18505	260	05/12/2006	PA	Morgan Medical Complex
Rockville PET Imaging, PC 119 North Park Avenue Rockville Centre, NY 11570	WTC601	05/12/2006	NY	Suite 101
Porter Adventist Hospital 2525 South Downing Street Denver, CO 80210	60064	05/12/2006	CO	
Rapid City Regional Hospital Medical Imaging Services 353 Fairmont Boulevard Rapid City, SD 57701	43007	05/12/2006	SD	
Advanced Radiolgy Consultants 56 Quarry Road Trumbull, CT 06611	C02747	05/12/2006	CT	
Northeastern PA Imaging Center 2601 Stafford Avenue Scranton, PA 18505-0305	475385	05/12/2006	PA	PO BOX 3305
Billings MRI Center 1041 North 29th Street Billings, MT 59101-1075	81030	05/12/2006	MT	
Aurora St. Luke's Medical Center 2900 W. Oklahoma Avenue Milwaukee, WI 53215	520138	05/12/2006	WI	Nuclear Medicine Department

Memorial & St. Elizabeth's Healthcare Services, LLC 4000 N. Illinois Lane Swansea, IL 62226	201339	05/12/2006	IL	PET/CT Imaging Center
Palm Beach Cancer Institute- West Palm Beach 1309 North Flagler Drive West Palm Beach, FL 33401- 2710	34754	05/12/2006	FL	
Overlook Hospital 99 Beauvoir Avenue Summit, NJ 07902	8772966189	05/12/2006	NJ	
Ashland Bellefonte Cancer Center 122 Saint Christopher Drive Ashland, KY 41101	2150	05/12/2006	KY	
Bryn Mawr Imaging Center 101 S. Bryn Mawr Avenue Bryn Mawr, PA 19010	473120	05/12/2006	PA	
Oncology Alliance 1055 N. Mayfair Road Suite 100 Wauwatosa, WI 53220	32836000	05/12/2006	WI	
Shared PET Maimonides 6300 Eighth Avenue Brooklyn, NY 11220	97Z661	05/12/2006	NY	
Hoboken Radiology, LLC 79 Hudson Street Suite 100 Hoboken, NJ 07030	80395	05/12/2006	NJ	
Akron City Hospital 525 E. Main Street Akron, OH 44309	360020	05/12/2006	OH	

Park Avenue Radiologists, PC 525 E. Main Street Rome, GA 30165	W21771	05/12/2006	NY	
Comprehensive Blood & Cancer Center 6501 Truxtun Avenue Bakersfield, CA 93309	zzz238732	05/12/2006	CA	
Rome Imaging Center 309 West 10th Street Rome, GA 30165	GRP1221	05/12/2006	GA	
Hawaii PET Imaging 2230 Liliha Street Honolulu, HI 96817	54537	05/12/2006	HI	
Imaging Consultants, Inc. at Henry Heywood Hospital 242 Green Street Gardner, MA 01440	327085	05/12/2006	MA	
Imaging Consultants, Inc. at Nashoba Valley Medical Center 200 Groton School Road Ayer, MA 01432	327085	05/12/2006	MA	
Rhode Island PET Services at Memorial Hospital 111 Brewster Street Pawtucket, RI 2860	479003556	05/12/2006	RI	
Osceola Cancer Center 737 W. Oak Street Kissimmee, FL 34741	1629034202	05/12/2006	FL	
Valley Radiologists, Ltd.-Paseo II Office 5605 W. Eugie Avenue Suite 110 Glendale, AZ 85304	1902896236	06/13/2006	AZ	
Southeast GYN, Oncology PET 5210 Belfort Road Suite 130 Jacksonville, FL 32256	45542	06/13/2006	FL	

The Johns Hopkins PET Center 600 N. Wolfe Street Baltimore, MD 21287	210009	06/13/2006	MD	Nelson Basement
Maklansky, Grunter, Kurzban, Cohen, Zimmer, Hyman 165 East 84th Street New York, NY 10028	W20393	06/13/2006	NY	
Methodist Medical Center of Illinois 112 Crescent Avenue Peoria, IL 61636	370661223	06/13/2006	IL	
Phoebe Putney Memorial Hospital 417 Third Avenue PO Box 1828 Albany, GA 31702-1828	110007	06/13/2006	GA	
Eiber Radiology/PET Premier Imaging 21 West 49th Street Hialeah, FL 33012	k3166	06/13/2006	FL	
Botsford Hospital 28050 Grand River Avenue Farmington Hills, MI 48336	230151	06/13/2006	MI	
Middletown Regional Hospital 105 McKnight Drive Middletown, OH 45044	360076	06/13/2006	OH	
Waukesha Memorial Hospital 725 American Avenue Waukesha, WI 53188	390910727	06/13/2006	WI	
Battle Creek Health System 300 North Avenue Battle Creek, MI 49016	230075	06/13/2006	MI	

Orlando Regional Medical Center 1414 Kuhl Avenue Orlando, FL 32806	100006	06/13/2006	FL	
NorthEast Medical Center 1065 NorthEast Gateway Court NE Concord, NC 28025	340001	06/13/2006	NC	
Premier Medical Imaging 7651 Stagers Loop Delaware, OH 43015	9912921	06/13/2006	OH	
Advanced Radiology Consultants 15 Corporate Drive Trumbull, CT 6611	C02747	06/13/2006	CT	
Advance PET Imaging 23 Technology Drive East Setauket, NY 11733	46a401	06/13/2006	NY	
Premier PET Imaging of Wichita 500 S. Main Street Suite B Wichita, KS 67202	110682	06/13/2006	KS	
Health Center Northwest 320 Sunnyview Lane Kalispell, MT 59901	270087	06/13/2006	MT	
Olympic Medical Center 844 N. 5th Avenue Sequim, WA 98382	500072	06/13/2006	WA	
Premier PET Imaging of Jacksonville 5210 Belfort Road Suite 130 Jacksonville, FL 32256	K3166	06/13/2006	FL	
PET/CT Imaging of San Jose 2211 Moorpark Avenue Suite 220 San Jose, CA 95128	ZZZ19866Z	06/13/2006	CA	

The Reading Hospital and Medical Center 6th and Spruce Streets West Reading, PA 19611	390044	06/13/2006	PA	
Julia Rackley Perry Memorial Hospital 530 Park Avenue East Princeton, IL 61356	141337	06/13/2006	IL	
Ashland Bellefonte Cancer Center 122 Saint Christopher Drive Ashland, KY 41101	2150	06/13/2006	KY	
Tower Imaging BBD 14231 Bruce B Down Boulevard Tampa, FL 33613	169	06/13/2006	FL	
VyMed Diagnostic Imaging Tampa, LLC 10010 N. Dale Mabry Suite 160 Tampa, FL 33618	U4068	06/13/2006	FL	
Texas Oncology Cancer Center Sugar Land 1350 First Colony Boulevard Sugar Land, TX 77479	00073F	06/13/2006	TX	
Samaritan North Health Center 9000 N. Main Street Dayton, OH 45415	360052	06/13/2006	OH	
The PET Center of Oxford 1612 US Highway 78 East Suite 102 Oxford, AL 36203	51554888	06/13/2006	AL	
Shared PET Mem Lighthouse 6901 N. Main Street Granger, IN 46530	232800	06/13/2006	IN	
Shared PET Hope Cancer Center 3702 South Fourth Street Terre Haute, IN 47802	201320	06/13/2006	IN	

Athens Regional Medical Center 1199 Prince Avenue Athens, GA 30606	110074	06/13/2006	GA	
Muskogee PET & Nuclear Imaging 3300 Chandler Road Suite #106 Muskogee, OK 74403	400522529	06/13/2006	OK	
Lubbock Imaging Center 4011 19th Street Lubbock, TX 79410	00027K	06/13/2006	TX	
Memorial Medical Center 701 N. First Street Springfield, IL 62781	140148	06/13/2006	IL	
Hamamatsu/Queen's PET Imaging Center 1301 Punchbowl Street Honolulu, HI 96813		06/13/2006	HI	
Aurora BayCare Medical Center 2845 Greenbrier Road Green Bay, WI 54308	520193	06/13/2006	WI	
Medical Center of Plano 3901 W. 15th Street Plano, TX 75002	450651	06/13/2006	TX	
Carolinas Medical Center 1000 Blythe Boulevard Charlotte, NC 28203	340113	06/13/2006	NC	
Redwood Regional Medical Group d.b.a. Santa Rosa Radiology 121 Sotoyome Street Santa Rosa, CA 95405	680344865	06/13/2006	CA	
Boone Hospital Center 1600 East Broadway Columbia, MO 65201	260068	06/13/2006	MO	

River Radiology 45 Pine Grove Avenue Kingston, NY 12401	W30681	06/13/2006	NY	
University of Washington Medical Center 1959 NE Pacific Street Seattle, WA 98195	142700	06/13/2006	WA	
Mid American Imaging-Salem 1987 E. 4th Street Salem, OH 44460	ID00804	06/13/2006	OH	
Piedmont Medical Center 222 S. Herlong Avenue Rock Hill, SC 29732	420002	06/13/2006	SC	
Alliance Imaging-Sparks 1311 South I Street Fort Smith, AR 72817	5F463	06/13/2006	AR	
Radiology Imaging Associates 1825 SE Tiffany Avenue Suite 104 Port St. Lucie, FL 34952	52	06/13/2006	FL	
Mount Sinai Medical Center One Gustave L. Levy Place New York, NY 10029	H23620	06/13/2006	NY	
NSMS-Ottawa, IL 4253 Argosy Court Madison, WI 53714	208196	06/13/2006	WI	
Center for Diagnostic Imaging 1550 E. Chestnut Avenue Vineland, NJ 08360	53290	06/13/2006	NJ	Bldg 4 Suite A
St. Mary Mercy Hospital- Livonia 36475 Five Mile Road Livonia, MI 48154	230002	06/13/2006	MI	
Harold Leever Regional Cancer 1075 Chase Parkway Waterbury, CT 06708	470000025	06/13/2006	CT	

Kentucky Metabolic Imaging 2425 Regency Road Suite B Lexington, KY 40503	9366001	06/13/2006	KY	
Western Baptist Hospital 2501 Kentucky Avenue Paducah, KY 42001	180104	06/13/2006	KY	
St. Anthony Regional Hospital 311 South Clark Street Box 628 Carroll, IA 51401	1720067127	06/13/2006	IA	
Alliance Imaging-Sequoia Hospital 170 Alameda De Las Pulgas Redwood City, CA 94062	ZZZ28890Z	06/13/2006	CA	
Craven Regional Medical Center 2000 Neuse Boulevard New Bern, NC 28560	340131	06/13/2006	NC	
Alliance Imaging-Tri City Medical Center 4002 Vista Way Oceanside, CA 92056	TG281C	06/13/2006	CA	
Alliance Imaging-Yavapai Del Webb Outpatient Center Prescott Valley, AZ 86314	76103	06/13/2006	AZ	3262 Windsong Drive
Saint Vincent's Comprehensive Cancer Center 325 West 15th Street New York, NY 10011	330290	06/13/2006	NY	
Alliance Imaging-Southwest Medical Imaging 3104 Stockton Hill Road Kingman, AR 86401	76103	06/13/2006	AZ	
Alliance Imaging-North Idaho Imaging 700 Ironwood Drive Coeur d'Alene, ID 93814	1790291	06/13/2006	ID	

Froedtert Hospital 9200 W. Wisconsin Avenue Milwaukee, WI 53226	520177	06/13/2006	WI	
Alliance Imaging-Flagstaff Medical Center 1200 N. Beaver Street Flagstaff, AZ 86001	71855	06/13/2006	AZ	
South Florida Oncology and Hematology Consultants 4850 W. Oakland Park Boulevard Lauderdale Lakes, FL 33313	33873	06/13/2006	FL	Suite A
Alliance Imaging- Sierra Vista 300 El Camino Real Sierra Vista, AZ 85635	71855	06/13/2006	AZ	
Alliance Imaging- St. Joseph Eureka 2700 Dolbeer Street Eureka, CA 95501	zzz23046z	06/13/2006	CA	
Alliance Imaging- Corvallis Clinic 3680 NW Samaritan Drive Corvallis, OR 97330	132104	06/13/2006	OR	
Bridgeport Hospital 267 Grant Street Bridgeport, CT 06610	70010	06/13/2006	CT	
Valley Radiologists, Ltd.-Paseo II Office 5605 W. Eugie Avenue Glendale, AZ 85304	1902896236	06/13/2006	AZ	Suite 110
Central Texas Medical Center 1301 Wonder World Drive San Marcos, TX 78666	450272	06/13/2006	TX	

Alliance Imaging-Verde Valley Medical Center 269 S. Candy Lane Cottonwood, AZ 86326	76103	06/13/2006	AZ	
Alliance Imaging-Union Hospital Cecil 106 Bow Street Elkton, MD 21821	FMN008	06/13/2006	MD	
St. Joseph Mercy Hospital – Ann Arbor 5301 E. Huron River Road Ann Arbor, MI 48106	230156	06/13/2006	MI	
Alliance Imaging-Navapache 2200 E. Show Low Lake Show Low, AZ 85901	76103	06/13/2006	AZ	
St. Clare Medical Center 1710 Lafayette Road Crawfordsville, IN 17933	150022	06/13/2006	IN	
Boynton Beach EFL Imaging Center, LLC 2300 S. Congress Avenue Boynton Beach, FL 33426	272376000	06/13/2006	FL	#105
Aurora Medical Center Oshkosh 855 N. Westhaven Drive Oshkosh, WI 54904	590198	06/13/2006	WI	
Southeast GYN, Oncology PET 5210 Belfort Road Jacksonville, FL 32256	45542	06/13/2006	FL	Suite 130

Stockton MRI & Molecular Imaging Medical Center 2320 N. California Street, #2 Stockton, CA 95219	ZZZ290872	06/13/2006	CA	
South Texas Cancer Center 2150 N. Expressway 83 Brownsville, TX 78521	14041756	06/13/2006	TX	
Southwest Cancer Care Medical Group 5395 Ruffin Road San Diego, CA 92123	W4957B	06/13/2006	CA	#202
Radiology Associates of Venice and Englewood, PA 512-516 S. Nokomis Avenue Venice, FL 34285	99390	06/13/2006	FL	
Langlade Memorial Hospital Oncology 112 E. 5th Avenue Antigo, WI 54409	521350	06/13/2006	WI	
RCOA Imaging Services 305 South 5th Street Enid, OK 73701	400522301	06/13/2006	OK	
North Shore Hematology Oncology Associates, PC 235 N. Belle Mead Road East Setauket, NY 11733	W04051	06/13/2006	NY	
Providence Holy Cross Imaging Center 26357 McBean Parkway Suite 155 Santa Clarita, CA 91355	TP129	06/13/2006	CA	
Alaska Open Imaging Center, LLC 6911 DeBarr Road Anchorage, AK 99504	K153149	06/13/2006	AK	

Temecula Valley Nuclear Medicine 25485 Medical Center Drive Murrieta, CA 92562	00A417170	06/13/2006	CA	Suite 102
Hematology Oncology Assoc. of the Treasure Coast 1801 SE Hillmoor Drive Port Saint Lucie, FL 34952	40806	06/13/2006	FL	Suite B-107 (Mobile)
The Center for Cancer and Blood Disorders 800 W. Magnolia Avenue Fort Worth, TX 76104	00L79L	06/13/2006	TX	
Alliance Imaging-South Coast Medical Center 31872 Pacific Coast Highway Laguna Beach, CA 92651	TG281B	06/13/2006	CA	
The Medical Center at Bowling Green 250 Park Street Bowling Green, KY 42101	180013	06/13/2006	KY	PET/CT Center
Johns Hopkins Bayview Medical Center 4940 Eastern Avenue Baltimore, MD 21224	210029	06/13/2006	MD	Imaging Department- Nuclear Medicine
University of Michigan, Department of Radiology 1500 E. Medical Center Drive Ann Arbor, MI 48109	230046	06/13/2006	MI	Box 0028, B1H418 University Hospital
Carmichael Imaging, LLC 4147 Carmichael Road Montgomery, AL 36106	51551742	06/13/2006	AL	
Clearfield Hospital 809 Turnpike Avenue Clearfield, PA 16830	390052	06/13/2006	PA	
Clinical Pet of Hernando 4003 Mariner Boulevard Spring Hill, FL 34609	V2683	06/13/2006	FL	

Booth Radiology 105 Kings Way W. Hurffville-Crosskeys Road Sewell, NJ 08080	39460	06/13/2006	NJ	
Clinical PET of Zepherhills 38044 Daughtery Road Zephyrhills, FL 33542	E7179B	06/13/2006	FL	
Radiology & Diagnostic Imaging 2200 East Parrish Avenue Owensboro, KY 42303	3641	06/13/2006	KY	Building D
Santa Monica Bay Physicians 12524 W. Washington Boulevard Los Angeles, CA 90066	W14560	06/13/2006	CA	
Missouri Baptist Medical Center 3023 N. Ballas Road. St. Louis, MO 63141	260108	06/13/2006	MO	Suite 150, Building D
Radiology Associates of Tallahassee, PA 1600 Phillips Road Tallahassee, FL 32308	60	06/13/2006	FL	
Pacific Imaging-Oakland 3200 Telegraph Avenue Oakland, CA 94609	1265480099	06/13/2006	CA	
Medical Group of North County 5395 Ruffin Road, #202 San Diego, CA 92123	W11609	06/13/2006	CA	#202
Somerset Community Hospital 225 South Center Avenue Somerset, PA 15501	390039	06/13/2006	PA	

Elmbrook Memorial Hospital 19333 W. North Avenue Brookfield, WI 53045	520170	06/13/2006	WI	
San Luis Diagnostic Medical Associates 1100 Monterey Street San Luis Obispo, CA 93401	W14221	06/13/2006	CA	Suite 210
Cancer Care Centers of S.Texas, PA (New Braunfels) 1448 Common Street New Braunfels, TX 78130	00U40Q	06/13/2006	TX	
Cancer Care Centers of S.Texas, PA (San Antonio) 8109 Fredericksburg Road San Antonio, TX 78229	00U40Q	06/13/2006	TX	
Cancer Care Centers of S.Texas, PA (Kerrville) 694 Hill Country Drive Kerrville, TX 78028	00U40Q	06/13/2006	TX	
San Antonio Molecular Imaging SAMI 9102 Floyd Curl Drive San Antonio, TX 78240	FTN025	06/13/2006	TX	Suite 193
Pacific Medical Imaging and Oncology Center, Inc. 707 South Garfield Avenue Alhambra, CA 91801	W19267	06/13/2006	CA	Suite B-001
Northern IL Cancer Treatment Center 327 IL Route 2 Dixon, IL 61021	210699	06/13/2006	IL	
Cancer Care Center 2210 Green Valley Road New Albany, IN 47150	243690	06/13/2006	IN	Suite 1
Northeast Radiology 3839 Danbury Road Brewster, NY 10509	1134118607	06/13/2006	NY	

New England PET Imaging System 70 East Street Methuen, MA1844	M20762	06/13/2006	MA	
Southeast Texas PET Imaging 690 North 14th Street Beaumont, TX 77702	0004CC	06/13/2006	TX	
Sun City West PET Scan 14418 W. Meeker Boulevard Sun City West, AZ 85374	102496	06/13/2006	AZ	Suite 105
Butler Memorial Hospital 911 East Brady Street Butler, PA 16001	390168	06/13/2006	PA	
Diagnos, Inc., d.b.a. Diagnos PET/CT Imaging 2000 North Loop West Houston, TX 77018	ftnx11	06/13/2006	TX	Suite 100
Alliance Imaging-Washington Hospital 38950 Civic Center Drive Fremont, CA 94538	ZZZ28890Z	06/13/2006	CA	
Providence Saint Joseph Hospital 201 S. Buena Vista Street Burbank, CA 91505	50235	06/13/2006	CA	#125
Alliance Imaging-Centinel Freeman 333 Prairie Avenue Inglewood, CA 90301	TG281	06/13/2006	CA	
Alliance Imaging-Corona Regional Hospital 800 S. Main Street Corona, CA 91720	ZZZ23042Z	06/14/2006	CA	
Alliance Imaging-St. Mary's Regional Medical Center 235 W. 6th Street Reno, NV 89503	37860	06/14/2006	NV	235 W. 6th Street

Alliance Imaging-Downey Regional Medical Center 11500 Brookshire Avenue Downey, CA 90241	TG490	06/14/2006	CA	
Alliance Imaging-Visalia Medical Clinic 5400 W. Hillsdale Drive Visalia, CA 93291	ZZZ23046Z	06/14/2006	CA	
Alliance Imaging-Anaheim Memorial Medical Center 1111 W. La Palma Avenue Anaheim, CA 92801	TD017C	06/14/2006	CA	Anaheim Memorial Medical Center
Glendale Diagnostic Imaging Network Medical Office 403 South Glendale Avenue Glendale, CA 91205	W19100	06/14/2006	CA	
Advanced Imaging at Baybrook 11 Murray Street Glens Falls, NY 12801	33554a	06/14/2006	NY	
Elizabethtown Hematology- Oncology PLC 1107 Woodland Drive Elizabethtown, KY 42701	3638	06/14/2006	KY	Suite 105
Northern Arizona Radiology 77 W. Forest Avenue Suite 101 Flagstaff, AZ 86001	WCGJX	06/14/2006	AZ	
Suburban Imaging- Coon Rapids 8990 Springbrook Drive Suite 140 Coon Rapids, MN 55433	3087	06/14/2006	MN	
Covenant Medical Center 200 East Ridgeway Avenue Waterloo, IA 50702	421264647	06/14/2006	IA	

Mayo Clinic Rochester 10 3rd Avenue NW Rochester, MN 55905	1922074434	06/14/2006	MN	Charlton Building
Thousand Oaks Diagnostic Imaging Center 2180 Lynn Road Thousand Oaks, CA 91360	TP118	06/14/2006	CA	
InnerVision Advanced Medical Imaging 3801 Amelia Avenue Lafayette, IN 47905	167840	06/14/2006	IN	
UT-M. D. Anderson Cancer Center-PET Facility 1220 Holcombe Boulevard Houston, TX 77030	450076	06/14/2006	TX	ACB 6th Floor
Emory University Hospital 1364 Clifton Road, NE Atlanta, GA 30322	110010	06/14/2006	GA	Rm. E121 Nuclear Medicine/PET
Glendale MRI Institute 624 S. Central Avenue Glendale, CA 91204	HW9951	06/14/2006	CA	
Princeton Radiology 9 Centre Drive Jamesburg, NJ 08831	526492	06/14/2006	NJ	
Caromont Imaging Services 620 Summit Crossing Place Gastonia, NC 28054	340032	06/14/2006	NC	Suite 106
North Central Imaging 155 Sonterra Boulevard Suite 100 San Antonio, TX 78258	00867N	06/14/2006	TX	

Robert L. B. Tobin Diagnostic Imaging Center 7979 Wurzbach Drive Suite U113 San Antonio, TX 78229	00867N	06/14/2006	TX	
Edwards Comprehensive Cancer Center 1400 Hal Greer Boulevard Huntington, WV 25701	510055	06/14/2006	WV	
Home Hospital GLHS 2400 South Street Lafayette, IN 47904	150109	06/14/2006	IN	
St. Luke's North PET 153 Brodhead Road Bethlehem, PA 18017	390049	06/14/2006	PA	
Alamance Regional Medical Center 1240 Huffman Mill Road Burlington, NC 27216-0202	340070	06/14/2006	NC	PO Box 202
Verrazano Radiology 256 Mason Avenue Staten Island, NY 10305	1698	06/14/2006	NY	
Total Imaging Sun City 3862 Sun City Center Sun City Center, FL 33571	U4840	06/14/2006	FL	
Ortonville Area Health Services 450 Eastvold Avenue Ortonville, MN 56278	241342	06/14/2006	MN	
Merle West Medical Center 2865 Daggett Avenue Klamath Falls, OR 97601	380050	06/14/2006	OR	
Elite Imaging, LLC 2845 Aventura Boulevard Aventura, FL 33180	K3535	06/14/2006	FL	Suite 145

St. Mary Centralia 400 N. Pleasant Avenue Centralia, IL 62801	140034	06/14/2006	IL	
North Texas Regional Cancer Center 3705 W. 15th Street. Plano, TX 75075	00543K	06/14/2006	TX	
Centegra Health System 4201 Medical Center Drive McHenry, IL 60050	140116	06/14/2006	IL	
Boston Diagnostic Imaging 398 East Altamonte Drive Altamonte Springs, FL 32701	77022	06/14/2006	FL	
William W. Backus Hospital 326 Washington Street Norwich, CT 06360	70024	06/14/2006	CT	
NSMS-Sparta, IL 4253 Argosy Court Madison, WI 53714	208196	06/14/2006	WI	
LaPorte Hospital & Healthcare Services 1007 Lincolnway LaPorte, IN 46350	150006	06/14/2006	IN	
Skagit Valley Hospital 1415 E. Kincaid Street Mt. Vernon, WA 98273	500003	06/14/2006	WA	
Alliance Imaging-Fairfield Hospital 303 NW 11th Street Fairfield, IL 62837	213393	06/14/2006	IL	

Anderson Hospital 6800 State Route 162 Maryville, IL 62062	212761	06/14/2006	IL	
Alliance Imaging-Dean 1313 Fish Hatchery Road Madison, WI 53715	92170	06/14/2006	WI	
Alliance Imaging-Research 2316 E. Meyer Boulevard Kansas City, MO 64112	9004263A	06/14/2006	MO	
Alliance Imaging- St. Joseph 1000 Carondelet Drive Kansas City, MO 64114	9004263A	06/14/2006	MO	
Beebe Health Campus, d.b.a. Beebe Medical Center 18941 John J. Williams Highway Rehoboth, DE 19971	80007	06/14/2006	DE	
Medical Outsourcing Services, LLC 1200 Maple Road Joliet, IL 60432	211223	06/14/2006	IL	
Silver Spring Radiology 10801 Lockwood Drive Silver Spring, MD 20901	FDX009	06/14/2006	MD	STE 170
New England PET of Greater Lowell 295 Varnum Avenue Lowell, MA 01854	327080	06/14/2006	MA	
Stanford University 900A Blake Wilbur Drive Stanford, CA 94305	50441	06/14/2006	CA	
Medical Outsourcing, Services, LLC 3333 W. DeYoung Street Marion, IL 62959	211224	06/14/2006	IL	

Medical Outsourcing Services, LLC 1700 Clinton Street Muskegon, MI 49443	230066	06/14/2006	MI	
Medical Outsourcing Services, LLC 1001 Bellefontaine Avenue Lima, OH 45807	MEID02391	06/14/2006	OH	
Golf Diagnostic Imaging Center 9680 Golf Road Des Plaines, IL 60016	378810	06/14/2006	IL	
Medical Outsourcing Services, LLC 2816 South Ellis Avenue Chicago, IL 60616	211222	06/14/2006	IL	
Medical Outsourcing Services, LLC 1100 E. Norris Drive Ottawa, IL 61350	211224	06/14/2006	IL	
Medical Outsourcing Services, LLC 111 E. Spring Street Streator, IL 61364	211224	06/14/2006	IL	
Mansfield Imaging Center 536 S. Trimble Road Mansfield, OH 44906	MAD10921	06/14/2006	OH	Suite A
Manhattan Diagnostic Radiology 400 East 66th Street New York, NY 10021	W23211	06/14/2006	NY	
Riverside Walter Reed Hospital 7519 Hospital Drive Gloucester, VA 23061	490130	06/14/2006	VA	
Good Shepherd Hospital 450 West Highway 22 Barrington, IL 60010	140291	06/14/2006	IL	

Alliance Imaging-Presbyterian Intercomm Hospital 12401 Washington Boulevard Whittier, CA 90602	TG281A	06/14/2006	CA	Presbyterian Intercommunity Hospital
Altru.Hospital 1200 S. Columbia Road. Grand Forks, ND 58201	350019	06/14/2006	ND	
Mid American Imaging-Union Hospital 659 Boulevard Street Dover, OH 44622	ID00805	06/14/2006	OH	
Gundersen Clinic 1900 South Avenue Lacrosse, WI 54601	34217	06/14/2006	WI	
University of Minnesota Medical Center, Fairview 500 Harvard Street, SE Box 292 Minneapolis, MN 55455	C02390	06/14/2006	MN	
The Christ Hospital 2139 Auburn Avenue Cincinnati, OH 45219	360163	06/14/2006	OH	
West Michigan Cancer Center 200 N. Park Street Kalamazoo, MI 49007	0N66660	06/14/2006	MI	
Cyrus Diagnostic Imaging, Inc. 165 Waymont Court Lake Mary, FL 32746	40586	06/14/2006	FL	
Cancer Centers of Florida 1561 West Fairbanks Avenue Winter Park, FL 32789	K1833	06/14/2006	FL	

Cedars-Sinai Medical Center Adler-Nail PET Center 8700 Beverly Boulevard Los Angeles, CA 90048	951644600	06/14/2006	CA	S. Mark Taper Foundation Imaging Center
Cancer Centers of Florida 52 West Gore Street Orlando, FL 32806	K1833	06/14/2006	FL	
Cancer Centers of Florida 1111 Blackwood Avenue Ocoee, FL 34761	K1833	06/14/2006	FL	
Mt. Clemens Regional Medical Center 1000 Harrington Street Mt. Clemens, MI 48043	230227	06/14/2006	MI	
Truxtun Radiology Medical Group, LP 1818 16th Street Bakersfield, CA 93301	ZZZ25213Z	06/14/2006	CA	
Medical Outsourcing Services, LLC 1515 North Madison Avenue Anderson, IN 46011	223260	06/14/2006	IN	
Medical Outsourcing Services, LLC 1215 Franciscan Drive Litchfield, IL 62056	211224	06/14/2006	IL	
Piedmont Medical Center 1968 Peachtree Road, NW Atlanta, GA 30305	110083	06/14/2006	GA	
Medical Outsourcing Services, LLC 1400 West Park Street Urbana, IL 61801	211224	06/14/2006	IL	

Central Indiana PET, LLC 8301 Harcourt Road Suite 100 Indianapolis, IN 46260	201930	06/14/2006	IN	
Medical Outsourcing Services, LLC 812 North Logan Avenue Danville, IL 61832	211224	06/14/2006	IL	
Queens Medical Imaging, PC 69-15 Austin Street Forest Hills, NY 11375	1023011285	06/14/2006	NY	
NYOH PET/CT Imaging 43 New Scotland Avenue Albany, NY 12208	56917A	06/14/2006	NY	
Conroe Regional Medical Center 504 Medical Center Boulevard Conroe, TX 77304	450222	06/14/2006	TX	
Northeast Georgia Health System, Inc. Northeast Georgia Medical Center, 743 Spring Street Gainesville, GA 30501	110029	06/14/2006	GA	
Texas Oncology, PA-Mckinney 4510 Medical Center Drive Mckinney, TX 75069	00543K	06/14/2006	TX	#215

Medical Outsourcing Services, LLC 7150 Clearwater Drive Indianapolis, IN 46256	223260	06/14/2006	IN	
Medical Outsourcing Services, LLC 1402 East County Line Road Indianapolis, IN 46227	223260	06/14/2006	IN	
Texas Cancer Center-Sherman 2800 Highway 75 North Sherman, TX 75090	00543K	06/14/2006	TX	
Medical Outsourcing Services, LLC 120 Ralston Avenue Defiance, OH 43512	MEID02391	06/14/2006	OH	
Medical Outsourcing Services, LLC 2400 N. Rockton Avenue Rockford, IL 61103	211224	06/14/2006	IL	
Arlington Cancer Center 906 W. Randol Mill Road Arlington, TX 76012	00LK20	06/14/2006	TX	
Jupiter Medical Center 2055 Military Trail Jupiter, FL 33458	100253	06/14/2006	FL	
Cheyenne Radiology Group and MRI, PC 2003 Bluegrass Circle Cheyenne, WY 82009	W309142	06/14/2006	WY	
Hunterdon Imaging, PA 2100 Wescott Drive MRI Suite Flemington, NJ 08822	714119	06/14/2006	NJ	

Medical Outsourcing Services, LLC 200 Berteau Avenue Elmhurst, IL 60126	211223	06/14/2006	IL	
Magnolia Regional Center 611 Alcorn Drive Corinth, MS 38834	250009	06/14/2006	MS	
Monroe Clinic 515 22nd Avenue Monroe, WI 53566	520028	06/14/2006	WI	
Jupiter Hematology-Oncology Associates 345 Jupiter Lakes Boulevard Jupiter, FL 33458	34922	06/14/2006	FL	Ste.100
Southwest Regional Cancer Center 901 West 38th Street Austin, TX 78705	0080BY	06/14/2006	TX	
Positron Imaging Of Austin 6101 Balcones Drive Austin, TX 78731	00538K	06/14/2006	TX	
Southern Ocean County Hospital 1140 Route 72 West Manahawkin, NJ 08050	310113	06/14/2006	NJ	Radiology
Medical Outsourcing Services, LLC 9830 S. Ridgeland Road Chicago Ridge, IL 60145	211222	06/14/2006	IL	
Medical Outsourcing Services, LLC 430 West Votaw Street Portland, IN 47374	223260	06/14/2006	IN	

Saint Agnes Medical Center 1303 E. Herndon Avenue Fresno, CA 93720	50093	06/14/2006	CA	
Central Physicians Imaging 100 Southland Drive Lexington, KY 40503	9375001	06/14/2006	KY	Suite B
NEA Medical Center 3024 Stadium Boulevard Jonesboro, AR 72401	1386699353	06/14/2006	AR	
Northgate Medical Imaging, LLC 807 Northgate Boulevard New Albany, IN 47150	1205894235	06/14/2006	IN	
Ball Memorial Hospital 2401 University Avenue Muncie, IN 47303	150089	06/14/2006	IN	
The MRI Center 5200 Harroun Road Sylvania, OH 43560	360074	06/14/2006	OH	Flower Hospital
St. Joseph Regional Health Center 2801 Franciscan Drive Bryan, TX 77802	450011	06/14/2006	TX	
Steinberg Diagnostic (SDMI) 2850 Siena Heights Henderson, NV 89052	WCHCC	06/14/2006	NV	
Raritan Bay Medical Center 1 Hospital Plaza Old Bridge, NJ 08857	310039	06/14/2006	NJ	
MRI Center-St. Anne Mercy Hospital 3404 W. Sylvania Avenue Toledo, OH 43623	360262	06/14/2006	OH	

MRI Center-St. Charles Mercy Hospital 2600 Navarre Avenue Oregon, OH 43616	360081	06/14/2006	OH	
MRI Center-St. Luke's Hospital 2901 Monclova Road Maumee, OH 43537	360090	06/14/2006	OH	
MRI Center-St. Vincent Medical Center 2213 Cherry Street Toledo, OH 43608	360112	06/14/2006	OH	
MRI Center-Toledo Hospital 2142 N. Cove Boulevard Toledo, OH 43606	360068	06/14/2006	OH	
McAlester Regional Health Center One Clark Bass Boulevard McAlester, OK 74501	370034	06/14/2006	OK	
Express Imaging Center, Ltd. 1987 West Fourth Street Mansfield, OH 44906	9299151	06/14/2006	OH	Suite A
Mercy Regional Medical Center 375 East Park Avenue Durango, CO 81301	60013	06/14/2006	CO	
Texas Oncology-Longview Cancer Center PET 1300 N. Fourth Street Longviews, TX 75601	00T35E	06/14/2006	TX	
UNC Hospitals 101 Manning Drive Chapel Hill, NC 27514	3400610	06/14/2006	NC	PET Department. Basement W/C Hospital

DeKalb Medical Center- Diagnostic Imaging Center 2701 North Decatur Road Decatur, GA 30033	110076	06/14/2006	GA	
Long Island Pet Imaging 6 Ohio Drive Lake Success, NY 11042	W4921	06/14/2006	NY	Suite 101
Vanderbilt University Medical Center 1161 21st Avenue South Nashville, TN 37232	3284867	06/14/2006	TN	Building 1251 RRB
Medical Outsourcing Services, LLC 1800 E. Lakeshore Drive Decatur, IL 62521	211224	06/14/2006	IL	
New York PET and CTA Imaging Center 7404 5th Avenue Brooklyn, NY 11209	1083680003	06/14/2006	NY	
Mercy Medical Center-North Iowa 1000 4th Street SW Mason City, IA 50401	160064	06/14/2006	IA	
Lawrence and Memorial Hospital 365 Motauk Avenue New London, CT 06320	70007	06/14/2006	CT	
Superior Medical Diagnostics II, LLC 235 Franklin Avenue Nutley, NJ 07110	68423	06/14/2006	NJ	
Oncology Specialists, S.C. 7900 N. Milwaukee Avenue Niles, IL 60714	587940	06/14/2006	IL	Suite 16

Hahnemann University Hospital Broad & Vine, MS300 Philadelphia, PA 19102	390290	06/14/2006	PA	
Shrewsbury Diagnostic Imaging, LLC 1131 Broad Street Shrewsbury, NJ 07702	24021	06/14/2006	NJ	Suite 110
Medical Outsourcing Services, LLC 500 West Court Street Kankakee, IL 60901	211224	06/14/2006	IL	
Forsyth Medical Center 3333 Silas Creek Parkway Winston Salem, NC 27103	3400014	06/14/2006	NC	
Medical Outsourcing Services, LLC 500 John Deere Road Moline, IL 61265	211224	06/14/2006	IL	
Medical Outsourcing Services, LLC 836 W. Wellington Avenue Chicago, IL 60657	211222	06/14/2006	IL	
Medical Outsourcing Services, LLC 1600 West Walnut Jacksonville, IL 62650	211224	06/14/2006	IL	
Medical Outsourcing Services, LLC 1600 23rd Street Bedford, IN 47471	223260	06/14/2006	IN	
Medical Outsourcing Services, LLC 1500 North Ritter Avenue Indianapolis, IN 46219	223260	06/14/2006	IN	

Medical Outsourcing Services, LLC 1221 N. Highland Aurora, IL 60506	211223	06/14/2006	IL	
Medical Outsourcing Services, LLC 1000 Lincoln Health Center Drive Mattoon, IL 61938	211224	06/14/2006	IL	
Salinas Valley Memorial Healthcare System 450 E. Romie Lane Salinas, CA 93901	50334	06/14/2006	CA	
Bridgeport Hospital 267 Grant Street Bridgeport, CT 06610	70010	06/14/2006	CT	
MRIGP, Inc., d.b.a. Advanced Medical Imaging Diamond H. 2490 W 26th Avenue Suite 20A Denver, CO 80211	H8808	06/14/2006	CO	
RCHO PET Imaging 5120 Belfort Boulevard Suite 130 Jacksonville, FL 32256	40259	06/14/2006	FL	
Presbyterian Hospital 200 Hawthorne Lane Charlotte, NC 28204	560554230	06/14/2006	NC	
Eisenhower Imaging Center 39000 Bob Hope Drive Rancho Mirage, CA 92210	ZZZ91572Z	06/14/2006	CA	Lower Level Lucy Curci Cancer Center
Mississippi Baptist Medical Center 501 Marshall Street Jackson, MS 39202	250102	06/14/2006	MS	

Texas Oncology-South Texas Cancer Center 2121 Pease Street Suite 101 Harlingen, TX 78550	14041756	06/14/2006	TX	Texas Oncology-South Texas Cancer Center
Valley Radiologists, Ltd.-Paseo II Office 5605 W. Eugie Avenue Suite 110 Glendale, AZ 85304	WCFHS	06/14/2006	AZ	
Good Samaritan Hospital 400 15th Avenue SE Puyallup, WA 98372	500079	06/14/2006	WA	
St. John's Mercy Hospital 851 5th Street Washington, MO 63090	260052	06/14/2006	MO	
Memorial Hermann The Woodlands OPID 9200 Pinecroft Drive Suite 100 The Woodlands, TX 77380	741152597	07/14/2006	TX	
St. Luke's Hospital 232 South Wood's Mill Road Chesterfield, MO 63017	260179	07/14/2006	MO	
Lake Vista Cancer Center 2790 Lake Vista Drive Lewisville, TX 75067	00543K	07/14/2006	TX	
Palms Imaging Medical Group, Inc. 1901 Outlet Center Drive Oxnard, CA 93036	W19564	07/14/2006	CA	
Houston Medical Imaging, LLC 3310 Richmond Avenue Houston, TX 77006	00137K	07/14/2006	TX	

Alliance Imaging-West Anaheim Medical Center 3033 W. Orange Avenue Anaheim, CA 92804	TD017	07/14/2006	CA	
Winthrop PET Imaging Center 222 Station Plaza North Suite 140 Mineola, NY 11501	330167	07/14/2006	NY	
Greenville Hospital System University Medical Center 701 Grove Road Greenville, SC 29605	420078	07/14/2006	SC	
High Field Open MRI 1895 Jefferson Road Rices Landing, PA 15357	7885	07/14/2006	PA	
PET/CT Center at St. Anthony's POB 1201 5th Avenue North St. Petersburg, FL 33705	E5753	07/14/2006	FL	Suite 100
Texas Oncology-Deke Slayton Cancer Center 501 Medical Center Webster, TX 77598	00t40e	07/14/2006	TX	
Invision North Florida Outpatient Imaging Center 6605 NW 9th Boulevard Gainesville, FL 32609	E4639	07/14/2006	FL	
Memorial Hospital of Union County 500 London Avenue Marysville, OH 43040	360092	07/14/2006	OH	
Texas Oncology/South Texas Cancer Center-McAllen 1901 S. 2nd Street McAllen, TX 78503	00N39J	07/14/2006	TX	

Baylor Medical Center at Irving 1901 North MacArthur Boulevard Irving, TX 75061	450079	07/14/2006	TX	
Providence Park Hospital 47601 Grand River Avenue Novi, MI 48374	230019	07/14/2006	MI	
Texas Oncology-Abilene 1957 Antilley Road Abilene, TX 79606	140414748	07/14/2006	TX	
St. Anthony Hospital 1000 North Lee Street Oklahoma City, OK 73101	370037	07/14/2006	OK	
Rice Memorial Hospital 301 Becker Avenue SW Willmar, MN 56201	240088	07/14/2006	MN	
LDS Hospital Nuclear Medicine 8th Avenue & C Street Salt Lake City, UT 84143	460010	07/14/2006	UT	
RMG First & Laurel Imaging Center 2466 First Avenue San Diego, CA 92101	W14057	07/14/2006	CA	
RMG Gardenview Imaging Center 1200 Gardenview Road Encinitas, CA 92024	W14057F	07/14/2006	CA	Suite 110
Decatur County Memorial Hospital 720 North Lincoln Street Greensburg, IN 47240	150062	07/14/2006	IN	
Midland Imaging Center 5001 Andrews Highway Midland, TX 79703	00U75H	07/14/2006	TX	

Advanced Imaging, LLC 3433 NW 56th C-10 Oklahoma City, OK 73112	400522379	07/14/2006	OK	
University of Iowa Hospitals and Clinics 200 Hawkins Drive Iowa City, IA 52242	160058	07/14/2006	IA	
AZ Oncology Associates PET/CT & CT Imaging Center 2070 W. Rudasill Road Tucson, AZ 85704	25291	07/14/2006	AZ	Suite 110
Medical Diagnostic Imaging 14 Raymond Avenue Poughkeepsie, NY 12603	EEN841	07/14/2006	NY	
Shore Memorial Hospital 10085 William F. Bernart Circle Nassawadox, VA 23413	540560500	07/14/2006	VA	
Deaconess Hospital 600 Mary Street Evansville, IN 47747	150082	07/14/2006	IN	
Great Neck Imaging, PC 907 Northern Boulevard Great Neck, NY 11021	1487646311	07/14/2006	NY	
FMH Rose Hill 1562 Opossumtown Pike Frederick, MD 21702	KP72	07/14/2006	MD	
Oakwood Annapolis Hospital 33155 Annapolis Road Wayne, MI 48184	230142	07/14/2006	MI	
The Regional Cancer Center 2500 West 12th Street Erie, PA 16505	140052	07/14/2006	PA	
Meritcare Hospital 801 North Broadway Fargo, ND 58122	350011	07/14/2006	ND	

Community Hospitals and Wellness Centers 433 W. High Street Bryan, OH 43506	360121	07/14/2006	OH	
Sacred Heart Hospital 900 W. Clairemont Avenue Eau Claire, WI 54701	520013	07/14/2006	WI	
Via Radiology-Meridian Pavilion 11011 Meridian Avenue North #101 Seattle, WA 98133	8859612	07/14/2006	WA	
Medical Outsourcing Services, LLC 2200 Market Street Charlestown, IN 47111	223260	07/14/2006	IN	
Allegheny General Hospital 320 East North Avenue Pittsburgh, PA 15232	60503	07/14/2006	PA	Division of Nuclear Medicine
Texas Oncology-12th Avenue 1001 W. 12th Avenue Fort Worth, TX 76104	00R66C	07/14/2006	TX	
Southwest Fort Worth Cancer Center 6500 Harris Parkway Fort Worth, TX 76132	00R66C	07/14/2006	TX	
St. Rita's Medical Center 730 W. Market Street Lima, OH 45801	360066	07/14/2006	OH	
New Mexico Oncology Hematology Consultants, Ltd. 4901 Lang Avenue NE Albuquerque, NM 87109	850367056	07/14/2006	NM	
Emory Eastside Medical Center 545 Old Norcross Road Lawrenceville, GA 30045	110192	07/14/2006	GA	Suite 200

Riverside Regional Medical Center 500 J. Clyde Morris Boulevard Newport News, VA 23601	490052	07/14/2006	VA	
Connecticut Oncology & Hematology 220 Kennedy Drive Torrington, CT 06790	C00633	07/14/2006	CT	
Chilton Memorial Hospital 97 West Parkway Pompton Plains, NJ 07444	310017	07/14/2006	NJ	
Riverside Diagnostic Center Williamsburg 120 Kings Way Williamsburg, VA 23188	490052	07/14/2006	VA	
Lawrence County MRI & Diagnostic Imaging Center 2526 Wilmington Road New Castle, PA 16105	68617	07/14/2006	PA	
Joint Township District Memorial Hospital 200 St. Clair Street Saint Marys, OH 45885	360032	07/14/2005	OH	
Radiation Therapy Regional Centers 3680 Broadway Fort Myers, FL 33901	77215	07/14/2006	FL	
Graduate Hospital 1800 Lombard Street Philadelphia, PA 19146	390285	07/14/2006	PA	One Graduate Hospital
Columbia Diagnostic Center 1111 Paulison Avenue Clifton, NJ 07015	94729	07/14/2006	NJ	
The Nebraska Medical Center 4250 Dewey Avenue Omaha, NE 68113	280013	07/14/2006	NE	

Memorial Hermann Memorial City OPID 925 Gessner Road Houston, TX 77024	741152597	07/14/2006	TX	
Clifton Springs Hospital and Clinic 2 Coulter Road Clifton Springs, NY 14432	330265	07/14/2006	NY	
Monongalia General Hospital 1200 J. D. Anderson Drive Morgantown, WV 26505	510024	07/14/2006	WV	Monongalia General Hospital
Providence Portland Medical Center 4805 NE Glisan Street Portland, OR 97213	380061	07/14/2006	OR	
Highfield Open MRI, Inc. 995 GreenTree Road Pittsburgh, PA 15220	7885	07/14/2006	PA	
Providence St. Vincent Medical Center 9205 SW Barnes Road Portland, OR 97225	380004	07/14/2006	OR	
Conway Regional Imaging Center 2120 Robinson Avenue Conway, AR 72034	40029	07/14/2006	AR	
Martin Memorial Medical Center 300 Hospital Avenue Stuart, FL 34994	100044	07/14/2006	FL	
Northwest Medical Foundation of Tillamook 1000 Third Street Tillamook, OR 97141	381317	07/14/2006	OR	Tillamook County General Hospital
O'Connor Hospital 2105 Forest Avenue San Jose, CA 95128-1471	50153	07/14/2006	CA	

Midtown Imaging, LLC- Wellington 440 N. State Road 7 Wellington, FL 33411	E9133	07/14/2006	FL	
Midtown Imaging, LLC-Jupiter 345 Jupiter Lakes Boulevard Jupiter, FL 33458	E9133	07/14/2006	FL	Suite 100
MMI/Mid Coast Hospital 51 US Route 1 Scarborough, ME 04074	327079	07/14/2006	ME	Suite O
Molecular Imaging Institute 5349 Commerce Boulevard Crown Point, IN 46307	192870	07/14/2006	IN	
RCOA Imaging Services 11937 US Highway 271 Tyler, TX 75708	FTN022	07/14/2006	TX	
MMI/Maine Medical Center 51 US Route 1 Scarborough, ME 4074	327079	07/14/2006	ME	Suite O
Radiology, Ltd. 4640 East Camp Lowell Drive Tucson, AZ 85712	WCBBM	07/14/2006	AZ	
Intermed Oncology Associates, S.C. 6701 159th Street Tinley Park, IL 60477	610860	07/14/2006	IL	
Lakes Radiology 450 Canisteo Street Hornell, NY 14843	1710937727	07/14/2006	NY	
Opelousas PET/CT Imaging Center 3975 I-49 South Service Road Suite 100 Opelousas, LA 70570	5DA11	07/14/2006	LA	

Florida Cancer Institute-BRK 7154 Medical Center Drive Spring Hill, FL 34608	1427017326	08/07/2006	FL	
Capital Health System 446 Belleview Avenue Trenton, NJ 08618	310044	08/07/2006	NJ	
Hudson Valley Diagnostic Imaging, PLLC 575 Hudson Valley Avenue New Windsor, NY 12553	WBH241	08/07/2006	NY	
St Joseph's Hospital 3200 Pleasant Valley Road West Bend, WI 53095	520063	08/07/2006	WI	
Atlantic Medical Imaging 30 East Maryland Avenue Somers Point, NJ 08244	101024	08/07/2006	NJ	
Providence Imaging Center 3340 Providence Drive Anchorage, AK 99508	2085R0202X	08/07/2006	AK	
Rochester Radiology Associates, PC 1277 Portland Avenue Rochester, NY 14621	199726	08/07/2006	NY	
Melbourne Internal Medicine Associates 1132 South Hickory Street Melbourne, FL 32901	77167	08/07/2006	FL	
Highline Imaging, LLC 275 SW 160th Street Seattle, WA 98166	8801784	08/07/2006	WA	
Tyler PET 415 South Fleishel Avenue Tyler, TX 75702	752131429	08/07/2006	TX	
Lake City Medical Center 340 NW Commerce Drive Lake City, FL 32055	100156	08/07/2006	FL	

Blount Memorial Hospital 907 East Lamar-Alexander Boulevard Maryville, TN 37804	440011	08/07/2006	TN	
Texas Cancer Center Mesquite 4700 North Galloway Mesquite, TX 75150	R339	08/07/2006	TX	
Rutland Regional Medical Center: Diagnostic Imaging 160 Allen Street Rutland, VT 05701	470005	08/07/2006	VT	
MDMED, Inc. 155 Calle Portal Suite 700 Sierra Vista, AZ 85635	Z68496	08/07/2006	AZ	
Atlantic Medical Imaging Wall Township 2399 North Highway 34 Manasquan, NJ 08736	101024	08/07/2006	NJ	Ramshorn Executive Centre Bldg B
Newport Imaging Center 455 Old Newport Road Suite 101 Newport Beach, CA 92660	W10829	08/07/2006	CA	
Cancer Care and Hematology Specialists(CCHSC) 8915 West Golf Road Niles, IL 60714-05825	355030	08/07/2006	IL	
Hematology Oncology Associates of Illinois (HOAI) 715 West North Avenue Melrose Park, IL 60160	218860	08/07/2006	IL	
Princeton Community Hospital 122 12th Street Ext Princeton, WV 24740	510046	08/07/2006	WV	PO Box 1369
TRICAT, LLC at Edison 3830 Park Avenue Edison, NJ 08820	27193	08/07/2006	NJ	Suite 102

Olathe Medical Center 20333 W. 151st Street Olathe, KS 66061	170049	08/07/2006	KS	
St. Joseph Hospital 1140 West La Veta Avenue Orange, CA 92868	50069	08/07/2006	CA	2nd Floor Nuclear Medicine
Baptist Health Medical Center 9601 I630, Exit 7 Little Rock, AR 72205-7299	40114	08/07/2006	AR	
Florida Cancer Specialists 3840 Broadway Fort Myers, FL 33901	1225064520	08/07/2006	FL	
Pacca PET Imaging 5210 Belfort Road Suite 130 Jacksonville, FL 32256	37572	08/07/2006	FL	
National PET Scan Palm Beach, LLC 16110 Jog Road Delray Beach, FL 33484	1164452405	08/07/2006	FL	Suite 200
Central Memphis Regional PET Imaging Center, LLC 1388 Madison Avenue Memphis, TN 38104	1295719110	08/07/2006	TN	
Johnston Memorial Hospital 351 Court Street NE Abingdon, VA 24210	490053	08/07/2006	VA	
Lenox Hill Hospital 100 East 77th Street New York, NY 10021	131624070	08/07/2006	NY	
Mercy Medical Center 411 Laurel Street Suite 2310 Des Moines, IA 50314	160083	08/07/2006	IA	

New Orleans Regional PET Center, LLC 3434 Prytania Street Suite 120 New Orleans, LA 70115	1538143474	08/07/2006	LA	
Indiana Regional Medical Center PET Imaging 835 Hospital Road Indiana, PA 15701	390173	08/07/2006	PA	PO Box 788
Mid American-Defiance Clinic 1400 E. Second Street Defiance, OH 43512	ID00809	08/07/2006	OH	
Total Imaging Robertson 737 West Brandon Boulevard Brandon, FL 33511	k7282	08/07/2006	FL	
New Tampa Imaging Center 14302 N. Bruce B. Downs Boulevard Tampa, FL 33613	k57209	08/07/2006	FL	
Summit Imaging 12037 Cortez Boulevard Brooksville, FL 34613	40986	08/08/2006	FL	
University of NM Cancer Research & Treatment Center 900 Caminodey Salud NE Albuquerque, NM 87131	400521103	08/08/2006	NM	

Alliance Imaging-Los Alamitos Med Center 3751 Katella Avenue Los Alamitos, CA 90720	TD017	08/08/2006	CA	
NYU Clinical Cancer Center, Diagnostic Imaging 160 E. 34th Street New York, NY 10016	W1L361	08/08/2006	NY	2nd Floor
Margaret Mary Community Hospital 321 Mitchell Avenue Batesville, IN 47006	151329	08/08/2006	IN	
Quantum PET-Apple Hill 37 Monument Road York, PA 17403	40635	08/08/2006	PA	
Memorial Hospital 1204 N. Mound Street Nacogdoches, TX 75961	450508	08/08/2006	TX	
BMH-DeSoto 7601 Southcrest Parkway Southaven, MS 38671	250141	08/08/2006	MS	
Riverside Medical Center 300 Bourbonnais Campus Bourbonnais, IL 60914	140186	08/08/2006	IL	Riverside Medical Center

UCSD Center for Molecular Imaging 11388 Sorrento Valley Road Suite 100 San Diego, CA 92121	TG302	08/08/2006	CA	
Imaging Partners at Valley, LLC 400 South 43rd Street Renton, WA 98055	AB38657	08/08/2006	WA	Olympic Building
El Paso Cancer Treatment Center 7848 Gateway East Boulevard El Paso, TX 79915	00543K	08/08/2006	TX	
Desert Radiologists 3930 S. Eastern Avenue Las Vegas, NV 89119	VWCCBT	08/08/2006	NV	
Saint Joseph Hospital 2900 North Lake Shore Drive Chicago, IL 60068	140224	08/08/2006	IL	
Midstate Medical Center 435 Lewis Avenue Meriden, CT 06451	60646715	08/08/2006	VT	
Brookville Hospital 100 Hospital Road Brookville, PA 15825	391312	08/08/2006	PA	
Suntree Diagnostic Center 6300 N. Wickham Road Suite 101 Melbourne, FL 32940	701	08/08/2006	FL	
Virginia Mason Medical Center 1100 Ninth Avenue Seattle, WA 98101	500005	08/08/2006	WA	

Van Wert County Hospital 1250 South Washington Street Van Wert, OH 45891	360071	08/08/2006	OH	
Manhasset Diagnostic Imaging, PC 1350 Northern Boulevard 2nd Floor Manhasset, NY 11030	W14841	08/08/2006	NY	
Southern New Mexico Cancer Center 150 Road Runner Parkway Las Cruces, NM 88011	752131429	08/08/2006	NM	
Davis Memorial Hospital Gorman Avenue and Reed Street Elkins, WV 26241	510030	08/08/2006	WV	Gorman Avenue
Advocate Good Samaritan Hospital 3815 Highland Avenue Downers Grove, IL 60515	140288	08/08/2006	IL	
Benefis Healthcare 1101 26th Street South Great Falls, MT 59405	270012	08/08/2006	MT	
Fort Walton Beach Medical Center 1032 Mar Walt Drive Fort Walton Beach, FL 32547	100223	08/08/2006	FL	
Blessing Hospital PO Box #7005 Quincy, IL 62305	140015	08/08/2006	IL	
Alliance Imaging-Allen County Hospital 101 South 1st Street Iola, KS 53808	130656	08/08/2006	KS	

Florida Cancer Institute-NPR 8763 River Crossing Boulevard New Port Richey, FL 34655	1427017326	08/08/2006	FL	
Kimball Medical Center 600 River Avenue Lakewood, NJ 08701	315084	08/08/2006	NJ	
Radiology Imaging Associates at Heritage 8926 Woodyard Road Clinton, MD 20735	521454775	08/08/2006	MD	Suite 502
Immanuel Medical Center 6901 North 72nd Street Omaha, NE 68122	280081	08/08/2006	NE	
North Fork Radiology 1333 Roanoke Avenue Riverhead, NY 11901	w11401	08/08/2006	NY	
South County PET Imaging, LLC 10010 Kennerly Road St. Louis, MO 63128	93053	08/08/2006	MO	
Carolinas Hospital System 805 Pamplico Highway Florence, SC 29505	621587267	08/08/2006	SC	
Radiology Associates of San Luis Obispo 522 E. Plaza Drive Santa Maria, CA 93454	GR0009774	08/08/2006	CA	

Florida Cancer Specialists-Port Charlotte 22395 Edgewater Drive Port Charlotte, FL 33980	1225064520	08/08/2006	FL	
Florida Cancer Specialists-Venice 901 South Tamiami Trail Venice, FL 34285	1225064520	08/08/2006	FL	
Florida Cancer Specialists-Bradenton 6001 21st Avenue West Bradenton, FL 34209	1225064520	08/08/2006	FL	
Nebraska Methodist Hospital 8303 Dodge Street Omaha, NE 68114	280040	08/08/2006	NE	
PET/CT Center of Richardson 399 Melrose Drive Richardson, TX 75080	1740207539	08/08/2006	TX	Suite A
Molecular Imaging at Sequoia Imaging Center 4949 W. Cypress Avenue Visalia, CA 93277	ZZZ27463Z	08/08/2006	CA	
Central Jersey Radiologists 2128 Kings Highway Oakhurst, NJ 07755	527995	08/08/2006	NJ	
Claxton-Hepburn Medical Center 214 King Street Ogdensburg, NY 13669	330211	08/08/2006	NY	
Memorial Hermann Southeast 11800 Astoria Boulevard Houston, TX 77089	741152597	08/08/2006	TX	

NSMS-Pine Bluff, AR 4253 Argosy Court Madison, WI 53714	5f168	08/08/2006	WI	
Yuma Regional Medical Center 2400 S. Avenue A Yuma, AZ 85364	866007596	08/08/2006	AZ	
Carle Clinic 1702 S. Mattis Avenue Champaign, IL 61820	371188284	08/08/2006	IL	
North Shore-LIJ Center for Advanced Medicine 450 Lakeville Road Lake Success, NY 11042	330106	08/08/2006	NY	North Shore-LIJ Center for Advanced Medicine Diagnostic Imaging Center
McAlester Diagnostic Imaging 10 South Third Street McAlester, OK 74501	1760411540	08/08/2006	OK	Suite 100
California Imaging Institute 1867 E. Fir Avenue Fresno, CA 93720	ZZZ03565Z	08/08/2006	CA	
Bon Secours Memorial Regional Medical Center 8260 Atlee Road Mechanicsville, VA 23116	541744931	08/08/2006	VA	
University of Maryland Medical Center 22 S. Greene Street Gudelksy, 2nd Floor Baltimore, MD 21201	210002	08/08/2006	MD	Division of Nuclear Medicine
Bixby Medical Center : 818 Riverside Avenue Adrian, MI 49221	230005	08/08/2006	MI	

Kern Radiology Medical Group 2301 Bahamas Drive Bakersfield, CA 93309	1720023997	08/08/2006	CA	
Bon Secours St. Francis Medical Center 13710 St. Francis Boulevard Midlothian, VA 23114	311716973	08/08/2006	VA	
MMI/Maine General Waterville 51 US Route 1 Scarborough, ME 04074	327079	08/08/2006	ME	Suite O
Mount Adams Imaging Center 3911 Castlevale Road Yakimaw, WA 98902	8857843	08/08/2006	WA	
Carilion Roanoke Memorial Hospital 2001 Crystal Spring Avenue Roanoke, VA 24014	490024	08/08/2006	VA	
Seton Medical Center; Nuclear Medicine Dept. 1900 Sullivan Avenue Daly City, CA 94015-2229	50289	08/08/2006	CA	
Arnett Imaging Center 2403 Loy Drive Lafayette, IN 47909	224390	08/08/2006	IN	
Advanced Diagnostic Imaging, PC 1120 Professional Boulevard Evansville, IN 47630	639970	08/08/2006	IN	
Queen of Peace Hospital 301 Second Street NE New Prague, MN 56071	241361	08/08/2006	MN	

Agnesian Health Care 430 E. Division Street Fond du Lac, WI 54935	520088	08/08/2006	WI	
ACMH Hospital One Nolte Drive Kittanning, PA 16201	390163	08/08/2006	PA	
Wilshire Oncology Medical Group, Inc. 1280 Corona Pointe Court Corona, CA 92879	zzz19568z	08/08/2006	CA	Suite 112
United Radiology-Laurel 14201 Laurel Park Drive Laurel, MD 20707	2.01558E+11	08/08/2006	MD	Suite 208
Bay Area Medical Center 3100 Shore Drive Marinette, WI 54143	520113	08/08/2006	WI	
Penn State Milton S. Hershey Medical Center 500 University Drive Hershey, PA, 17033	251854772	08/08/2006	PA	HG380
Delta St. Joseph's MRI, LLC 1617 N. California Street Stockton, CA 95204	ZZZ19725Z	08/08/2006	CA	Suites 1A and 1B
United Radiology: Bowie 16701 Melford Boulevard Bowie, MD 20715	2.01558E+11	08/08/2006	MD	
United Radiology Gaithersburg 702 Russell Avenue Gaithersburg, MD 20877	2.01558E+11	08/08/2006	MD	

United Radiology Olney 18120 Hillcrest Drive Olney, MD 20832	2.01558E+11	08/08/2006	MD	Suite A
FCS/Axcess Diagnosis/Sarasota 600 N. Cattleman Road Sarasota, FL 34232	1225064520	08/08/2006	FL	
NSMS-Greenville, IL 4253 Argosy Court Madison, WI 53714	208196	08/08/2006	WI	
FCS/Axcess Diagnosis/Venice 842 Sunset Lake Boulevard Venice, FL 34292	1225064520	08/08/2006	FL	Suite #301
Leading Edge Radiation 8715 5th Avenue Brooklyn, NY 11209	WEM111	09/05/2006	NY	
Rena Tarbet Cancer Center 4201 Medical Center Drive Suite 180 McKinney, TX 75069	oow753	09/05/2006	TX	
McLaughlin & Marte, M.D, LLP 3850 Tampa Road Suite 202 Palm Harbor, FL 34684	1003862079	09/05/2006	FL	
BryanLGH Medical Center 2300 South 16th Street Lincoln, NE 68502	280003	09/05/2006	NE	

Freehold MR Associates 691 West Main Street Freehold, NJ 07728	405856	09/05/2006	NJ	
Franciscan Skemp Healthcare 700 West Avenue South La Crosse, WI 54601	520004	09/05/2006	WI	
Teton Radiology 2001 S. Woodruff Suite 17 Idaho Falls, ID 83404	1371462	09/05/2006	ID	
Fletcher Allen Health Care Mobile Pad 790 College Parkway Colchester, VT 05446	1659309615	09/05/2006	VT	790 College Parkway
University of Penn Imaging Center 3600 Market Street 3rd Floor Silverstein Philadelphia, PA 19104	764089	09/05/2006	PA	
Sitron-Hammel Radiology Group 4277 Hempstead Turnpike Suite 200 Bethpage, NY 11714	W14891	09/05/2006	NY	
MRI of Saint Louis Obispo 1064 Murray Avenue San Luis Obispo, CA 93405	1881661361	09/05/2006	CA	
Lahey Clinic 41 Mall Road Burlington, MA 01805	220171	09/05/2006	MA	
St Joseph Medical Center 215 N. 12th Street Reading, PA 19603	390096	09/05/2006	PA	

Spartanburg Regional Medical Center 101 E. Wood Street Spartanburg, SC 29303	420007	09/05/2006	SC	
Aurora Sinai Medical Center 945 N. 12th Street Milwaukee, WI 53201	520064	09/05/2006	WI	
FHN Memorial Hospital 1045 W. Stephenson Street Freeport, IL 61032	140160	09/05/2006	IL	
Southwest Washington Medical Center 400 NE Mother Joseph Place Vancouver, WA 98668	500050	09/05/2006	WA	
St. Lukes Center for Diagnostic Imaging 6 McBride and Sons Corporate Center Drive Suite 101 Chesterfield, MO 63005	47006	09/05/2006	MO	
The Stamford Health System Shelbourn Road & West Broad Street Stamford, CT 06904	70006	09/05/2006	CT	
Hagerstown Imaging, LLC 1150 A Professional Court Hagerstown, MD 21741	1518914936	09/05/2006	MD	
GCM Suburban Imaging 6420 Rockledge Drive Suite 3100 Bethesda, MD 20817	409623	09/05/2006	MD	
Alliance Imaging-No. Idaho Imaging 2003 Lincoln Way Coeur d'Alene, ID 83814	1790291	09/05/2006	ID	

HPMA PET Center 22710 Professional Drive Suite 104 Kingwood, TX 77339	0019BY	09/05/2006	TX	
Parma Community General Hospital 7007 Powers Boulevard Parma, OH 44129	360041	09/05/2006	OH	
Pacific Shores Medical Group PET Imaging 1043 Elm Street #104 Long Beach, CA 90813	W13494	09/05/2006	CA	
Clark Memorial Hospital 1220 Missouri Avenue Jeffersonville, IN 47130	15009	09/05/2006	IN	
Abilene Imaging Center, LLC 750 North 18th Street Abilene, TX 79601	FTA070	09/05/2006	TX	
DuBois Regional Medical Center 100 Hospital Avenue DuBois, PA 15801	390086	09/06/2006	PA	
Meeker County Memorial Hospital 612 South Sibley Avenue Litchfield, MN 55355	241366	09/06/2006	MN	
Memorial Health 4700 Waters Avenue Savannah, GA 31403	110036	09/06/2006	GA	
St. Luke's Regional Medical Center, Ltd. 190 E. Bannock Street Boise, ID 83712	130006	09/06/2006	ID	
Radiology Consultants Imaging Center 400 Avenue K, SE Winter Haven, FL 33880	U3944	09/06/2006	FL	

Patient Comprehensive Cancer Center 4352 North Josey Lane Carrollton, TX 75010	0083BY	09/06/2006	TX	
The University of Tennessee Medical Center 1924 Alcoa Highway Knoxville, TN 37920	440015	09/06/2006	TN	
Radiation Therapy Regional Centers-Naples 800 Goodlette Road Suite 110 Naples, FL 34102	77215	09/06/2006	FL	
St. Mary's Medical Center 2900 First Avenue Huntington, WV 25702	510007	09/06/2006	WV	
McKinney Regional Cancer Center 4601 Medical Center Drive McKinney, TX 75069	00711W	09/06/2006	TX	
WCA Hospital PO Box 840 Jamestown, NY 14701	330239	09/06/2006	NY	207 Foote Avenue
Grants Pass Imaging and Diagnostic Center, LLC 1619 NW Hawthorne Suite 110 Grants Pass, OR 97526	1659307973	09/06/2006	OR	
Baptist Memorial Hospital-Golden Triangle 2520 5th Street North Columbus, MS 39705	250100	09/06/2006	MS	
Florida Medical Clinic 13417 US Highway 301 Dade City, FL 33525	39715	09/06/2006	FL	

Saint Clare's Hospital 400 West Blackwell Street Dover, NJ 07801	310067	09/06/2006	NJ	
Radiation Medicine Associates 2202 South 77 Sun Shine Strip Suite E Harlingen, TX 78550	00645N	09/06/2006	TX	
The Radiology Clinic, LLC 208 McFarland Circle North Tuscaloosa, AL 35406	13089	09/06/2006	AL	
Bay Area Hospital 1775 Thompson Road. Coos Bay, OR 97420	30090	09/06/2006	OR	
MMI/St. Mary's Hospital 51 US Route 1 Scarborough, ME 04074	327079	09/06/2006	ME	Suite O
Gulf Coast Medical Diagnostic Center 2024 State Avenue Panama City, FL 32405	30930	09/06/2006	FL	
Diagnostic Radiology Systems, Inc. 1010 Medical Center Drive Powderly, KY 42366	9366001	09/06/2006	KY	
Lewis Gale Medical Center 1900 Electric Road Salem, VA 24153	490048	09/06/2006	VI	
Radiology Diagnostic Center 1310 Las Tablas Road Suite 103 Templeton, CA 93465	W7491	09/06/2006	CA	
Weslaco Nuclear Imaging Center 913 S. Airport Drive Weslaco, TX 78596	1780796219	09/06/2006	TX	

Pioneer PET, LLC 1930 E. Southern Avenue Tempe, AZ 85282	1265401996	12/05/2006	AZ	Lobby 7 Suite 180
Kearney Imaging Center, LLC 3219 Central Avenue Suite 109 Kearney, NE 68847	98950	12/05/2006	NE	
Rose Medical Center 4567 East 9th Avenue Denver, CO 80220	841321373	12/05/2006	CO	
UCSF Medical Center 185 Berry Street San Francisco, CA 94107	50454	12/05/2006	CA	Lobby 7 Suite 180
Broward General Medical Center 1500 S. Andrews Avenue Fort Lauderdale, FL 33316	100039	12/05/2006	FL	
St. Paul Radiology, PA/Midwest Radiology 166 Fourth Street East St. Paul, MN 55101	CO2661	12/05/2006	MN	
Queen of the Valley Hospital 1000 Trancas Street Napa, CA 94558	941243669	12/05/2006	CA	
Dana-Farber Cancer Institute 44 Binney Street Boston, MA 02115	220162	12/05/2006	MA	
Holmes Regional Medical Center 1350 South Hickory Street Melbourne, FL 32901	100019	12/05/2006	FL	
Niagara County PET Center Niagara Falls, NY 14302	127482	12/05/2006	NY	621 Tenth Street Department of Radiology

Augusta Medical Center 78 Medical Center Drive Fishersville, VA 22939	490018	12/05/2006	VA	
Nevada Cancer Center 2851 North Tenaya Way Las Vegas, NV 89128	VWQBHJ	12/05/2006	NV	#100
Wellstar Kennestone Hospital Imaging Center 340 Kennestone Hospital Boulevard Marietta, GA 30060	110035	12/05/2006	GA	Suite LL10
Ashtabula County Medical Center 2412 Lake Avenue Ashtabula, OH 44004	1285607416	12/05/2006	OH	The Regional Cancer Center
Rowan Regional Medical Center 514 Corporate Circle Salisbury, NC 28147	340015	12/05/2006	NC	
The Pottsville Hospital and Warne Clinic 420 South Jackson Street Pottsville, PA 17901	390030	12/05/2006	PA	
Georgetown Memorial Hospital 606 Blackriver Road Georgetown, SC 29442	1982604021	12/05/2006	SC	
Medical Center of Arlington 3301 Matlock Road Arlington, TX 76015	450675	12/05/2006	TX	
Valley View Regional Hospital 430 N. Monte Vista Ada, OK 74820	370020	12/05/2006	OK	
Montgomery Medical Services 644 Maysville Road, Suite 10 Mount Sterling, KY 40353	9141	12/05/2006	KY	
Medical Outsourcing Services, LLC 5409 N. Knoxville Avenue Peoria, IL 61614	211224	12/05/2006	IL	

Medical Outsourcing Services, LLC 1300 N. Main Street Rushville, IN 46173	223260	12/05/2006	IN	
Mayo Clinic Arizona 13400 E. Shea Boulevard Scottsdale, AZ 85259	WCTGB	12/05/2006	AZ	
Door County Memorial Hospital 323 S. 18th Avenue Sturgeon Bay, WI 54235	1093743874	12/05/2006	WI	
Center for Diagnostic Imaging-Sartell 166 19th Street S. Sartell, MN 56377	C01307	12/05/2006	MN	Suite 100
South Texas Institute of Cancer 1205 South 19th Street Corpus Christi, TX 78405	0065AZ	12/05/2006	TX	
Del Sol Medical Center 10460 Vista Del Sol El Paso, TX 79925	450646	12/05/2006	TX	
University Hospital 818 St. Sebastian Way Augusta, GA 30901	110028	12/05/2006	GA	Suite 103
St. John Health System-Tulsa, OK 1923 S. Utica Avenue Tulsa, OK 74104	370114	12/05/2006	OK	
Allen Memorial Hospital 1825 Logan Avenue Waterloo, IA 50703	160110	12/05/2006	IA	
Craig General Hospital 735 North Foreman Street Vinita, OK 74301	370065	12/05/2006	OK	
Vision Imaging of Kingston 517 Pierce Street Kingston, PA 18704	86463	12/05/2006	PA	
Lake Hospital Mentor Campus 9485 Mentor Avenue Mentor, OH 44060	360098	12/05/2006	OH	Attn: Suite A

Excelsa RCL PET CT Imaging, LLC 200 Village Drive Greensburg, PA 15601	1144260415	12/05/2006	PA	
Kousay Al-Kourainy, MD 5395 Ruffin Road #202 San Diego, CA 92123	A39783	12/05/2006	CA	
Memorial Hermann Northwest Hospital 1635 North Loop West Houston, TX 77008	450184	12/05/2006	TX	
Accu/Site PET/CT Imaging Center 30 Harrison Street Johnson City, NY 13790	DD1474	12/05/2006	NY	Suite #102
DDIS-Bond 9 Bond Street Brooklyn, NY 11201	687s41	12/05/2006	NY	
West Valley Radiology Medical Group 7301 Medical Center Drive West Hills, CA 91307	Hw5870A	12/05/2006	CA	Suite 103
Westside Diagnostic and Therapeutic Medical Center, LLC 12524 West Washington Boulevard Los Angeles, CA 90066	TG472	12/05/2006	CA	
DDIS-Still 1783 Stillwell Avenue Brooklyn, NY 11223	687s41	12/05/2006	NY	
Alpena Regional Medical Center 1501 W, Chisholm Street Alpena, MI 49707	386000029	12/05/2006	MI	

Santa Monica Imaging Center 1245 16th Street Suite 105 Santa Monica, CA 90404	1881670248	12/05/2006	CA	
Mercer County Community Hospital 800 W. Main Street Coldwater, OH 45828	360058	12/05/2006	OH	
Johnson Memorial Hospital 1125 W. Jefferson Street Franklin, IN 46131-2675	150001	12/05/2006	IN	PO Box 549
St. Mary's Health Center 100 St. Mary's Medical Plaza Jefferson City, MO 65101	260011	12/05/2006	MO	
Eastside PET Center, LLC 46 Medical Park East Drive Birmingham, AL 35023	1619925070	12/05/2006	AL	Suite 224
United Regional Health Care System 1600 8th Street Wichita Falls, TX 76301	450010	12/05/2006	TX	
Denton Regional Medical Center 3535 S. I-35 Denton, TX 76210	450634	12/05/2006	TX	
Canton-Potsdam Hospital 50 Leroy Street Potsdam, NY 13676	161012691	12/05/2006	NY	
St. John Macomb Hospital 11800 E. 12 Mile Road Warren, MI 48093	230195	12/05/2006	MI	
Cleveland Regional Medical Center 201 East Grover Street Shelby, NC 28150	340021	12/05/2006	NC	
Bluefield Regional Medical Center 500 Cherry Street Bluefield, WV 24701	510071	12/05/2006	WV	

Charles Cole Memorial Hospital 1001 East Second Street Coudersport, PA 16915	390246	12/05/2006	PA	
New Jersey State Open MRI 155 State Street Hackensack, NJ 07601	85238	12/06/2006	NJ	
Westcoast Radiology 501 S. Lincoln Ave. Clearwater, FL 33756	E4187	12/06/2006	FL	
The Iowa Clinic / PETCO, LLC 1221 Pleasant Street Des Moines, IA 50309	I5819	12/06/2006	IA	
Quantum PET-Holy Spirit Hospital 890 Poplar Church Road Camp Hill, PA 17011	40635	12/06/2006	PA	
Coastal Bend PET Scan, Ltd. 1533 5th Street Corpus Christi, TX 78404	FTN014	12/06/2006	TX	
Pottstown Memorial Medical Center 1600 E. High Street Pottstown, PA 19464	390123	12/06/2006	PA	
UTMB PET/CT Imaging Center UTMB-Rebecca Sealy Hospital Galveston, TX 77555-0793	R518	12/06/2006	TX	301 University Blvd.
Diagnostic Imaging Services, LLC 11110 Medical Campus Road, Suite 204 Hagerstown, MD 21742	1114982808	12/06/2006	MD	
North Memorial Medical Center 3435 West Broadway Robbinsdale, MN 55422	1851344907	12/06/2006	MN	
Hays Medical Center 2220 Canterbury Drive Hays, KS 67601	2473	12/06/2006	KS	

St. Patrick Hospital & Health Sciences Center 500 West Broadway Missoula, MT 59802	1023032588	12/06/2006	MT	
Park Ridge Hospital 100 Hospital Drive Hendersonville, NC 28792	340023	12/06/2006	NC	
Fostoria Community Hospital 610 Plaza Drive Fostoria, OH 44830	361318	12/06/2006	OH	
UMDNJ-University Hospital 30 Bergen Street Newark, NJ 07101	221775306	12/06/2006	NJ	ADMC 5 Room 575 P.O. Box 1709
Metabolic Imaging of Boca 5458 Town Center Road Suite 103 Boca Raton, FL 33486	E5434	12/06/2006	FL	
Olean Open MRI 413 North 8th Street Olean, NY 14760	AA0996	12/06/2006	NY	
Mercy Memorial Health Center 1011 14th Avenue NW Ardmore, OK 73401	731500629	12/06/2006	OK	
Pontiac Osteopathic Hospital d.b.a. POH Medical Center 385 N. Lapeer Road Oxford, MI 48371	230207	12/06/2006	MI	
Texas Oncology Ft. Worth 1450 8th Avenue Fort Worth, TX 76104	00R66C	12/06/2006	TX	
West Valley Imaging 3025 S. Rainbow Boulevard Las Vegas, NV 89146	WQBDY	12/06/2006	NV	
Springman Medical Plaza Imaging Center PO Box 4650 Brownsville, TX 78523	1912973108	12/06/2006	TX	

EMH Regional Health Care System 630 East River Street Elyria, OH 44035	360145	12/06/2006	OH	
Denfeld Medical Center 4702 Grand Avenue Duluth, MN 55807	C06028	12/06/2006	MN	
Caldwell Memorial Hospital 321 Mulberry Street SW Lenoir, NC 28645	560554202	12/06/2006	NC	
Belleville, IL (Swansea) 4253 Argosy Court Madison, WI 53714	208196	12/06/2006	WI	
Comprehensive Cancer Centers of Nevada - NW Office 7445 Peak Drive Las Vegas, NV 89128	WCHCX	12/06/2006	NV	
Wheaton Franciscan Healthcare- St. Joseph 5000 W. Chambers Street Milwaukee, WI 53210	520136	12/06/2006	WI	
United Hospital Center Rt. 19 South Clarksburg, WV 26302-1680	510006	12/06/2006	WV	#3 Hospital Plaza
Massena Memorial Hospital 1 Hospital Drive Massena, NY 13662	330223	12/06/2006	NY	
Redlands Community Hospital 350 Terracina Boulevard Redlands, CA 92373	ZZZ01782Z	12/06/2006	CA	
The Valley Hospital 1 Valley Health Plaza Paramus, NJ 07652	310012	12/06/2006	NJ	
Advanced Medical Imaging of Toms River 1430 Hooper Avenue Toms River, NJ 08753	447655	12/06/2006	NJ	Suite 102

McKenna Memorial Hospital 598 N. Union Street New Braunfels, TX 78130	450059	12/06/2006	TX	
NSMS-Parkland Farmington, Mo 4253 Argosy Court Madison, WI 53714	208196	12/06/2006	WI	
Alton Memorial Hospital 1 Memorial Drive Alton, IL 62002	14002	12/06/2006	IL	
Medical City Dallas Hospital Diagnostic Imaging Dallas, TX 75230	20943901	12/06/2006	TX	7777 Forest Lane
Mercy Medical Center 301 St. Paul Place Baltimore, MD 21202	210008	12/06/2006	MD	
St. Joseph's Medical Center 503 N. 3rd Street Brainerd, MN 56401	240075	12/06/2006	MN	
Covenant Healthcare 600 Irving Street Saginaw, MI 48602	1457354318	12/06/2006	MI	
Little Company of Mary Hospital 2800 West 95th Street Evergreen Park, IL 60805	140179	12/06/2006	IL	
Marion General Hospital Progressive Medical Imagine 830 N. Theatre Drive Marion, IN 46952	1457354318	12/06/2006	IN	
Escondido Pulmonary Medical Group 5395 Ruffin Road Suite 202 San Diego, CA 92123	W301	12/06/2006	CA	
Marshall Medical Center 1100 Marshall Way Placerville, CA 95667	50254	12/06/2006	CA	
Clermont Radiology 1804 Oakley Seaver Drive Clermont, FL 34711	U5066	12/06/2006	FL	Suite B

Mahoning Valley Imaging, Ltd. 7067 Tiffany Boulevard Youngstown, OH 44514	1457354318	12/06/2006	OH	
Southeastern Ohio Regional Medical Center 1341 Clark Avenue Cambridge, OH 43725	1457354318	12/06/2006	OH	
White County Medical Center 3214 E. Race Avenue Searcy, AR 72143	40014	12/06/2006	AR	
MED Arts JVIC 9101 Franklin Square Drive Baltimore, MD 21237	1932167178	12/06/2006	MD	
Memorial Hermann Southwest OPID 7797 SW Freeway Houston, TX 77074	741152597	12/06/2006	TX	
Twin County Regional Hospital 200 Hospital Drive Galax, VA 24333	1174524094	12/06/2006	VA	
Marion Ancillary Services, LLC 1040 Delaware Avenue Marion, OH 43302	991	12/06/2006	OH	
Owensboro Medical Health Systems Breckenridge Diagnostics Owensboro, KY 42301	180038	12/06/2006	KY	1020 Breckenridge Street
NSMS-Darlington, WI 209 Limestone Pass Cottage Grove, WI 53527	92420	12/06/2006	WI	
Santa Fe Imaging, LLC 1640 Hospital Drive Santa Fe, NM 87505	400521037	12/06/2006	NM	

Suncoast Imaging of Port Orange 1680 Dunlawton Avenue Port Orange, FL 32127	40370B	12/06/2006	FL	
Great Basin Imaging 2874 N Carson Street 3rd Floor Carson City, NV 89706	WJBKD	12/06/2006	NV	
St. Francis Hospital & Health Centers 1201 Hadley Road Mooresville, IN 46158	1457354318	12/06/2006	IN	
Las Colinas Cancer Center 7415 Las Colinas Boulevard Irving, TX 75063	00J062	12/06/2006	TX	
ADI 4006 Jonathan Street Waterloo, IA 50701	I15454	12/06/2006	IA	
St Francis Hospital & Health Centers South 8111 S. Emerson Avenue Indianapolis, IN 46237	1457354318	12/06/2006	IN	
Central Baptist Diagnostic Center 100 Southland Drive Lexington, KY 40503	9375001	06/14/2006	KY	Suite B
Baptist Health Medical Center- NLR PET/CT 3500 Springhill Drive North Little Rock, AR 72117	5F437	05/03/2007	AR	Suite 100
Commonwealth Hematology Oncology 216 Southtown Drive Danville, KY 40422	1285687178	03/21/2007	KY	
Commonwealth Hematology Oncology 95 Bogle Office Park Drive Somerset, KY 42503	1285687178	03/21/2007	KY	

UMPC and The Washington Hospital Cancer Center 155 Wilson Avenue Washington, PA 15301	105589VXB	03/10/2006	PA	
Lexington Diagnostic Center 1725 Harrodsburg Road Suite 100 Lexington, KY 40504	0406	03/08/2006	KY	
UW PET Imaging Center 8007 Excelsior Drive Madison, WI 53717	1346266319	04/03/2007	WI	
Fort Wayne Medical Oncology and Hematology 7910 W. Jefferson Boulevard Suite 107 Ft. Wayne, IN 46804	055770	04/23/2007	IN	
Danbury Hospital 24 Hospital Avenue Danbury, CT 06810	070033	04/23/2007	CT	
Reno Diagnostic Centers 590 Eureka Avenue Reno, NV 89512	1518904994	04/24/2007	NV	
The Kirklin Clinic PET-CT Facility 2000 6th Ave South Birmingham, AL 35233	10933768723	05/07/2007	AL	
PET Imaging Radiology, PSC Paseo San Pablo 100 Bayamon, PR	0085142	05/15/2007	PR	EDIF Dr. Arturo Cadilla Suite 208
Punxsutawney Area Hospital 81 Hillcrest Drive Punxsutawney, PA 15767	390199	05/15/2007	PA	
Princeton Baptist Medical Center 701 Princeton Avenue SW Birmingham, AL 35211	35211	05/30/2007	AL	
Medical Arts Radiology Commack 55 Veterans Memorial Highway Commack, NY 11725	W11682	05/31/2007	NY	

Carrol, Sheth & Raghavan, MD 1460 Bluegrass Avenue Louisville, KY 40215	5460	06/05/2007	KY	
Personal Care Molecular Imaging 1514 Highway 138 Wall, NJ 07719	109631	06/06/2007	NJ	
Lincoln Radiology Imaging 7121 Stephanie Lane Lincoln, NE 68516	099920	06/06/2007	NE	
Medcenter One 300 North 7th Street Bismark, ND 58506-5525	1538245634	07/24/2007	ND	
Wheaton Franciscan Healthcare - All Saints 3801 Spring Street Racine, WI 53405	520096	08/08/2007	WI	N/A
Diagnostic Centers of America 6080 Boynton Boulevard Suite 140 Boynton Beach, FL 33437	E4439	08/22/2007	FL	N/A
Center for Integrative Cancer Medicine, P.A. 1733 Curie Drive Suite 305 El Paso, TX 79902	00315U	08/22/2007	TX	N/A
St. Luke's Hospital 1026 A Avenue N.E. Cedar Rapids, IA 52406-3026	160045	08/22/2007	IA	N/A
Shared PET Imaging, LLC - Cincinnati OH Eden Avenue & Albert Sabin Way Cincinnati, OH 45219	ID01511	08/22/2007	OH	N/A
Integrated Magnetic Imaging 7100 University Court Montgomery, AL 36117	7811	08/22/2007	AL	N/A

Northwest PET Imaging 265 N. Broadway Street Portland, OR 97227	105512	08/22/2007	OR	N/A
Center for Diagnostic Imaging - St. Louis Park 5775 Wayzata Boulevard #190 St. Louis Park, MN 55416	C01307	08/22/2007	MN	N/A
Ponca City Medical Center 1900 North 14th Street Ponca City, OK 74601	370006	08/22/2007	OK	N/A
Sanford Health 1305 W. 18th Street Sioux Falls, SD 57117	430027	08/22/2007	SD	N/A
Central Valley PET Imaging 4744 Quail Lake Drive Stockton, CA 95207	00A484230	08/22/2007	CA	N/A
PET/CT Imaging Center 4000 N. Illinois Lane Swansea, IL 62226	201339	08/22/2007	IL	PET/CT Imaging Center
Memorial Medical Center 1105 W. Frank Avenue Suite 100 Lufkin, TX 75901	450211	08/22/2007	TX	d.b.a. Temple Imaging Center
Rockingham Memorial Hospital 235 Cantrell Ave Harrisonburg, VA 22801	490004	08/22/2007	VA	N/A
Regions Imaging Center 401 Phalen Boulevard 41101C St. Paul, MN 55101	240106	08/22/2007	MN	N/A
Florida Hospital Imaging, LLC 335 Clyde Morris Boulevard Suite 250 Ormond Beach, FL 32174	1104876358	08/22/2007	FL	N/A
Hutchinson Clinic, PA 2101 North Waldron Street Hutchinson, KS 67502	1043298474	08/22/2007	KS	N/A

Parkwest Imaging 3676 Parker Boulevard Pueblo, CO 81008	455838	08/22/2007	CO	N/A
St. Clair Hospital/UPMC Cancer Center PET/CT 1000 Bower Hill Road Pittsburgh, PA 15243	1699708792	08/22/2007	PA	N/A
St. Joseph Mercy Oakland (SJMO) 44405 Woodward Avenue Pontiac, MI 48341	1457354318	08/22/2007	MI	N/A
Edward Hospital 801 S. Washington Street Naperville, IL 60540	140231	08/22/2007	IL	N/A
East Montgomery Imaging Center 6880 Winton Blount Boulevard Montgomery, AL 36117	58866	08/22/2007	AL	N/A
Memorial Hospital of Martinsville and Henry County 320 Hospital Drive Martinsville, VA 24112	490079	08/22/2007	VA	N/A
Thomas Hospital 750 Morphy Avenue Fairhope, AL 36532	10100	08/22/2007	AL	N/A
Portland Adventist Medical Center 10123 SE Market Street Portland, OR 97216	380060	08/22/2007	OR	N/A
Nash Healthcare System, Inc. 2460 Curtis Ellis Drive Rocky Mount, NC 27804	340147	08/22/2007	NC	N/A
North Broward Medical Center 201 E. Sample Road Deerfield Beach, FL 33064	100068	08/22/2007	FL	Radiology
Jennie Stuart Medical Center 320 West 18th Street Hopkinsville, KY 42240	180051	08/22/2007	KY	N/A

Greater Houston Imaging, L.P. 6565 West Loop South Suite 100 Bellaire, TX 77401	FTNPX1	08/22/2007	TX	N/A
Sunrise Hospital Medical Center 3186 South Maryland Parkway Las Vegas, NV 89109	290003	08/22/2007	NV	N/A
The Diagnostic and Treatment Center 3401 Cranberry Boulevard Weston, WI 54476	92450	08/22/2007	WI	N/A
Ochsner Medical Center 1514 Jefferson Highway New Orleans, LA 70121	720502505	08/22/2007	LA	N/A
Inland Empire Medical Imaging 225 W. Hospitality Lane Suite #100 San Bernardino, CA 92408	zzz316682	08/22/2007	CA	N/A
Independent Nuclear PET Imaging 1115 N. Parrott Avenue Okeechobee, FL 34972	1922070796	08/22/2007	FL	N/A
Hugh Chatham Memorial Hospital 180 Parkwood Drive Elkin, NC 28621	340097	08/22/2007	NC	N/A
Marian Medical Center/Plaza Diagnostic Imaging 525 E. Plaza Drive Santa Maria, CA 93454	50107	08/22/2007	CA	N/A
DDIS-FH 8002 Kew Gardens Road Kew Gardens, NY 11415	687s41	08/22/2007	NY	N/A
NYPH-Weill Cornell 525 E 68th Street New York, NY 10021	131623978	08/22/2007	NY	N/A

Genesys Regional Medical Center One Genesys Parkway Grand Blanc, MI 48439-8066	230197	08/22/2007	MI	N/A
Geisinger Medical Center 100 North Academy Avenue Danville, PA 17822	390006	08/22/2007	PA	N/A
Citrus Diagnostic Center 922 N Citrus Avenue Crystal River, FL 34428	K5374	08/22/2007	FL	N/A
Middlesex Hospital 534 Saybrook Road Middletown, CT 6457	70020	08/22/2007	CT	N/A
Geisinger Wyoming Valley Medical Center 1000 East Mountain Drive Wilkes-Barre, PA 18711	390270	08/22/2007	PA	N/A
Canton, IL - Northern Shared Medical Services 209 Limestone Pass Cottage Grove, WI 53527	208196	08/22/2007	WI	N/A
Self Regional Healthcare 102 Academy Street Greenwood, SC 29646	420071	08/22/2007	SC	N/A
Bristol Hospital Brewster Road Bristol, CT 06011	70029	08/22/2007	CT	P.O. Box 977
East Texas Hematology & Oncology Clinic, PA 1202 West Frank Avenue Lufkin, TX 75904	00T37K	08/22/2007	TX	N/A
St. John River District Hospital 4100 River Road East China, MI 48054	230241	08/22/2007	MI	N/A

Morgan Hospital 2209 John R Wooden Drive Martinsville, IN 46151	150038	08/22/2007	IN	N/A
Cotton-O'Neil Cancer Center 1414 SW 8th Street Topeka, KS 66606	1811944457	08/22/2007	KS	N/A
Barnes-Jewish West County Hospital 12634 Olive Boulevard St Louis, MO 63141	260162	08/22/2007	MO	N/A
Hardin Memorial Hospital 913 North Dixie Avenue Elizabethtown, KY 42701	180012	08/22/2007	KY	N/A
Cancer Institute of Florida, LLC 894 E. Altamonte Drive Altamonte Springs, FL 32701	72793	08/22/2007	FL	N/A
Community Hospital, New Port Richey 5637 Marine Parkway New Port Richey, FL 34652	100191	08/22/2007	FL	N/A
Pulaski Community Hospital 2400 Lee Highway Pulaski, VA 24301	490116	08/22/2007	VA	N/A
Advocate South Suburban Hospital 17800 S. Kedzie Avenue Hazel Crest, IL 60429	3.62169E+11	08/22/2007	IL	N/A
St. Vincent's Medical Center 2800 Main Street Bridgeport, CT 6606	70028	08/22/2007	CT	N/A
Cayuga Medical Center at Ithaca 3218 Wilkins Road Ithaca, NY 14850	330307	08/22/2007	NY	N/A
Immanuel-ST Josephs Mayo Health System 1025 Marsh Street Mankato MN 56002-8673	240093	08/22/2007	MN	PO Box 8673

Kell West Regional Hospital 5420 Kell West Boulevard Wichita Falls, TX 76310	450827	08/22/2007	TX	N/A
Aurora Medical Center Kenosha 10400 75th Street Kenosha, WI 53142	520189	08/22/2007	WI	N/A
Aurora Lakeland Medical Center W3985 County Rd Nn Elkhorn, WI 53121	520102	08/22/2007	WI	N/A
Munson Medical Center 1105 Sixth Street Traverse City, MI 49684	230097	08/22/2007	MI	N/A
Kansas City Cancer Center - North 8700 Greenhills Road Kansas City, MO 64154	5650000E	08/22/2007	MO	N/A
PET Imaging Center of Maine 885 Union Street Suite 115 Bangor, ME 04401	10211501	08/22/2007	ME	N/A
SMS - Chester, IL 1900 State Street Chester, IL 62233	208196	08/22/2007	IL	N/A
PET of Reston, LP 1800 Town Center Drive Suite 115 Reston, VA 20190	G01960P03	08/22/2007	VA	N/A
Healthcare Imaging Center 4334 Central Ave Riverside, CA 92506	ZZZ14451Z	08/22/2007	CA	N/A
Robert Wood Johnson University Hospital at Hamilton 1 Hamilton Health Place Hamilton, NJ 08690	310110	08/22/2007	NJ	N/A
Northside Hospital 1000 Johnson Ferry Road Atlanta, GA 30342	110161	08/22/2007	GA	N/A

Aurora Medical Center Kenosha 10400 75th Street Kenosha, WI 53142	520189	08/22/2007	WI	N/A
Partners Imaging Center of Sarasota 1250 S. Tamiami Trail Suite 103 Sarasota, FL 34239	Q0353	08/22/2007	FL	N/A
Memorial Medical Center 216 Sunset Place Neillsville, WI 54456	521323	08/22/2007	WI	N/A
Central Virginia Imaging, LLC 1900 Tate Spings Road Suite 21 Lynchburg, VA 24501	1578594412	08/22/2007	VA	N/A
Los Alamitos Medical Center 3951 Katella Ave Los Alamitos, CA 90720	50551	08/22/2007	CA	N/A
Valley Advanced Imaging, LLC 2403 Butler Street Easton, PA 18042	1417907023	08/22/2007	PA	N/A
Good Samaritan PET/CT and Imaging services 1245 Montauk Hwy West Islip NY 11795	330286	08/22/2007	NY	N/A
Scotland Memorial Hospital 500 Lauchwood Drive Laurinburg, NC 28352	340008	08/22/2007	NC	N/A
McFarland Clinic, P.C. 1111 Duff Avenue Ames, IA 50010	1639135643	08/22/2007	IA	N/A
Providence Hospital 1150 Varnum Street NE Washington, DC 20017	90006	08/22/2007	DC	N/A
The Angeles Clinic and Research Institute 11818 Wilshire Boulevard Suite 200 Los Angeles, CA 90025	W15185A	08/22/2007	CA	N/A

Rose Radiology Centers, Inc. 5107 N. Armenia Avenue Tampa, FL 33603	1629162904	08/22/2007	FL	Bldg B
Texas Oncology East Houston 13111 East Freeway Houston, TX 77015	1811944101	08/22/2007	TX	N/A
NSMS - St. Joe's - Breese, IL 9515 Holy Cross Lane Breese, IL 62230	208196	08/23/2007	IL	N/A
UT Cancer Institute 7945 Wolf River Boulevard Germantown, TN 38138	3711381	08/23/2007	TN	N/A
Fresno Imaging Center 6191 N. Rhesta Avenue Fresno, CA 93710	N/A	08/23/2007	CA	N/A
Imaging Consultants Inc. at Sturdy Memorial 211 Park Street Attleboro, MA 02703	327085	08/23/2007	MA	N/A
Fairfax PET Imaging Center, LLC 8503 Arlington Boulevard Lower level Fairfax, VA 22031	1861433674	08/23/2007	VA	N/A
City Hospital, Inc. 2500 Hospital Drive Martinsburg, WV 25401	510008	08/23/2007	WV	N/A
White Plains Radiology Associates PET Center Davis and Post Roads White Plains, NY 10601	w11842	08/23/2007	NY	N/A
Lenoir Memorial Hospital 100 Airport Road Kinston, NC 28503-1678	1962446385	08/23/2007	NC	N/A

Sand Lake Imaging 9350 Turkey Lake Road Orlando, FL 32819	34896	08/23/2007	FL	SUITE 100
Advocate Lutheran General Center For Advanced Care 1800 Luther Lane Park Ridge, IL 60068	140223	08/23/2007	IL	N/A
Flower Hospital 5200 Harroun Road Sylvania, OH 43560	360074	08/23/2007	OH	N/A
Dekalb Memorial Hospital 1316 E. 7th Street Auburn, IN 46706	N/A	08/23/2007	IN	N/A
St. John Hospital and Medical Center 1315 Macom Drive Naperville, IL 60564	116	08/23/2007	IL	N/A
Bayhealth Medical Center 540 S. Governors Avenue Dover, DE 19904	N/A	08/23/2007	DE	N/A
ImageCare 713 Troy-Schenectady Road Suite 124 Latham, NY 12110	1922048370	08/23/2007	NY	Capital Region Health Park
Southside Regional Medical Center 801 South Adams Street Petersburg, VA 23803	490067	08/23/2007	VA	N/A
East Alabama Medical Center- Auburn Diagnostic Imaging 1527 Professional Parkway Auburn, AL 36830	29	08/23/2007	AL	N/A
Trover Health System 900 Hospital Drive Madisonville, KY 42431	1457354318	08/23/2007	KY	N/A

Doctors Hospital at Renaissance, Ltd 5501 S. McColl Road Edinburg, TX 78359	450869	08/23/2007	TX	N/A
Twin Lakes Imaging Center 1890 LPGA Boulevard Daytona Beach, FL 32117	1023040870	08/23/2007	FL	Suite 110
Nathan Littauer Hospital 99 E. State Street Gloversville, NY 12078	330276	08/23/2007	NY	N/A
Altoona Regional Health System 620 Howard Avenue Altoona, PA 16601	390073	08/23/2007	PA	N/A
Warren General Hospital 2 Crescent Park West Warren, PA 16365	390146	08/23/2007	PA	N/A
Reid Hospital Health Care Services 1401 Chester Boulevard Richmond, IN 47374	1457354318	08/23/2007	IN	N/A
Orange City Area Health System 1000 Lincoln Circle SE Orange City, IA 51041	161360	08/23/2007	IA	N/A
Mercy Hospital Clermont 3000 Hospital Drive Batavia, OH 45103	1457354318	08/23/2007	OH	N/A
Arroyo Grande Community Hospital 345 South Halcyon Road Arroyo Grande, CA 93454	50016	08/23/2007	CA	N/A
HealthEast St. John's Hospital 1575 Beam Avenue Maplewood, MN 55109	240210	08/23/2007	MN	N/A

St. Joseph's/Candler Health System 5353 Reynolds Street Savannah, GA 31405	110024	08/23/2007	GA	N/A
NSMS - Pickneyville, IL 101 North Walnut Street Pinckneyville, IL 62274	208196	08/23/2007	IL	N/A
Duke Raleigh Hospital 3400 Wake Forrest Road Raleigh, NC 27609	340073	08/23/2007	NC	N/A
Advanced Radiology Services & The Center for Women 400 Plaza Court East Stroudsburg, PA 18301	33012	08/23/2007	PA	Suite C
Community Hospital 10020 Donald S. Powers Drive Munster, IN 46321	140125	08/23/2007	IN	N/A
Avant Imaging - Woodland Health Center 7575 Grand River Avenue Brighton, MI 48114	1457354318.	08/23/2007	MI	N/A
EVDI Medical Imaging - East Mesa 6424 E. Broadway Road Mesa, AZ 85206	1164434098	08/23/2007	AZ	Suite 101
NSMS - St. Louis, Mo - ARCH Medical 209 Limestone Pass Cottage Grove, WI 53527	47013	08/23/2007	WI	N/A
CNY PET LLC 5100 West Taft Road Liverpool, NY 13088	AA0672	08/23/2007	NY	Suite 2C
MCFI 3000 Telegraph Avenue Oakland, CA 94609	ZZZ27496Z	08/23/2007	CA	N/A

Green Clinic, LLC 1200 S. Farmerville Street Ruston, LA 71270	5238720	08/23/2007	LA	N/A
Fayette Memorial Hospital 3542 North Western Avenue Connersville, IN 47331	150064	08/23/2007	IN	N/A
Carolinas Medical Center - Union 600 Hospital Drive Monroe, NC 28112	340130	08/23/2007	NC	Nuclear Medicine Department
Citrus Medical Imaging Associates, Inc. 1000 Lakes Drive Suite 170 West Covina, CA 91790	HW2326	08/23/2007	CA	N/A
Radiation Oncology at WFUBMC Radiation Oncology Medical Center Boulevard Winston-Salem, NC 27152	340047	08/24/2007	NC	Wake Forest University Baptist Medical Center Comprehensive Cancer Center
Harrison County Hospital 245 Atwood Street Corydon, IN 47112	151331	08/24/2007	IN	N/A
Thibodaux Regional Medical Center 602 North Acadia Road Thibodaux LA 70301	190004	08/24/2007	LA	N/A
NSMS - Hot Springs, AR 1600 Higdon Ferry Road Hot Springs AR 71913	5F168	08/24/2007	AR	N/A
Pacific Oncology, PC 15700 SW Greystone Court Beaverton OR 97006	1043262116	08/24/2007	OR	N/A
Cancer Care Associates 1791 E. Fir Avenue Fresno, CA 93720	222375652	08/24/2007	CA	N/A

Massachusetts Mobile PET, PC - - Newburyport 25 Highland Avenue Newburyport, MA 01950	327086	08/24/2007	MA	N/A
Hematology Oncology Associates of Illinois 6801 West 34th Street Berwyn, IL 60402	218890	08/24/2007	IL	Suite 107
Massachusetts Mobile PET, PC - Haverhill 140 Lincoln Avenue Haverhill, MA 01830	327086	08/24/2007	MA	N/A
Corinth Medical Group 4851 I35 East Suite 101 Corinth, TX 76210	00K22X	08/24/2007	TX	N/A
New England PEF Imaging Manchester One Elliot Way Manchester, NH-03103	327081	08/24/2007	NH	N/A
The Surgery Clinic 1026 Goodyear Avenue Gadsden, AL 35999	N/A	08/24/2007	AL	Suite B-101
Boston Medical Center 830 Harrision Avenue Boston, MA 02118	220031	08/24/2007	MA	Suite 1600
Mercy Health Center 4190 24th Avenue Fort Gratiot, MI 48059	1457354318	08/24/2007	MI	N/A
The Cancer Center of Santa Barbara 300 W. Pueblo Street Santa Barbara, CA 93105	W13890	08/24/2007	CA	N/A
Milford Memorial Hospital Bayhealth Medical Center 21 W. Clarke Avenue Milford, DE 19963	N/A	08/24/2007	DE	N/A

North Coast Cancer Care AM 417 Quarry Lakes Drive Sandusky, OH 44870	NO9915215	08/24/2007	OH	N/A
Palm Beach Gardens Open Imaging Center 3335 Burns Road #101 Palm Beach Gardens, FL 33408	U8767	08/24/2007	FL	N/A
Advanced Medical Imaging, LLC 1780 NW Myhre Road Silverdale, WA 98383	AB24179	08/24/2007	WA	Suite 1220
Swedish American Hospital 1401 E State Street Rockford, IL 61104	140228	08/24/2007	IL	N/A
Molecular Diagnostics of Eastern Omaha 117 North 32nd Avenue Suite 100 Omaha, NE 68131	99894	08/24/2007	NE	N/A
Kingwood Medical Center 22999 U.S. Hwy 59 Kingwood, TX 77339	1811942238	08/24/2007	TX	N/A
Health Village Imaging 1301 Route 72 West Manahawkin, NJ 08050	1194810978	08/24/2007	NJ	Suite 100
ARH Hazard 100 Medical Center Drive Hazard, KY 41701	520795508	08/24/2007	KY	N/A
Central Florida Imaging Center, Inc. 6801 US 27 N Suite E-3 Sebring, FL 33870	1427076769	08/24/2007	FL	N/A
West Texas Cancer Center 301 N Washington Avenue Odessa, TX 79761	00543K	08/24/2007	TX	N/A

Beloit Memorial Hospital 1969 West Hart Road Beloit, WY 53511	520100	08/24/2007	WY	N/A
Pinnacle Imaging Center 2390 NW 7th Street Miami, FL 33125	U5131	08/24/2007	FL	SUITE 103
PET Imaging of El Paso 1225 E. Cliff Drive El Paso, TX 79902	FTN035	08/24/2007	TX	Building 3 Suite 200
St. Petersburg General Hospital 6500 38th Avenue North St. Petersburg, FL 33710	N/A	08/24/2007	FL	N/A
St. Mary Medical Center 1201 Langhorne-Newtown Road Langhorne, PA 19047	390258	08/24/2007	PA	N/A
St. Joseph Medical Center 1401 St. Joseph Parkway Houston, TX 77002	1154361475	08/24/2007	TX	N/A
UPMC Northwest 1671 Allegheny Boulevard Reno, PA 16343	390091	08/24/2007	PA	N/A
Mercy Hospital Fairfield 3000 Mack Road Fairfield, OH 45014	1457354318	08/24/2007	OH	N/A
Radiology Associates of West Pasco 5539 Marine Parkway New Port Richey, FL 34652	1558328963	08/24/2007	FL	N/A
St. Dominic Hospital 969 Lakeland Drive Jackson, MS 39216	250048	08/24/2007	MS	N/A
RCOA-Adventist Health- Sequoia 4949 W. Cypress Avenue Visalia, CA 93271	1427198696	08/24/2007	CA	N/A

McKee Medical Center 2000 Boise Ave Loveland, CO 80538	60030	08/24/2007	CO	N/A
Bon Secours Richmond Community Hospital 1500 North 28th Street Richmond, VA 23223	490094	08/24/2007	VA	N/A
West Houston Medical Center 12141 Richmond Avenue Houston, TX 77082	450644	08/24/2007	TX	N/A
Shands Teaching Hospital and Clinics, Inc. 2000 SW Archer Road Gainesville, FL 32608	100113	08/24/2007	FL	Radiology, Shands Medical Plaza
Tanner Medical Center 119 Ambulance Drive Carrollton, GA 30117	110011	08/24/2007	GA	N/A
OU Medical Center 700 NE 13th Street Oklahoma City, OK 73104	1780631390	08/24/2007	OK	N/A
The Medical Center of Aurora 1400 S. Potomac Street Aurora, CO 80012	60100	08/24/2007	CO	#180
AllenRidge Diagnostic Imaging Center 520 Lecanto Highway Lecanto, FL 34461	100023	08/24/2007	FL	N/A
The PET Center at BWMC 305 Hospital Drive Baltimore, MD 21061	1124016696	08/24/2007	MD	SUITE 302
Signet Diagnostic Imaging Services, LLC 8300 West Sunrise Boulevard Plantation, FL 33322	E8667	08/24/2007	FL	N/A

Adams Diagnostic Imaging 20 Expedition Trail Gettysburg, PA 17325	65290	08/24/2007	PA	Suite 102
Jennie Edmundson Hospital 933 E. Pierce Street Council Bluffs, IA 51503	160047	08/24/2007	IA	N/A
Holy Cross Hospital 4725 N. Federal Highway Fort Lauderdale, FL 33308	100073	08/24/2007	FL	Bienes Diagnostic Imaging Center
Medical University of Ohio 3000 Arlington Avenue Toledo, OH 43614	1457354318	08/24/2007	OH	N/A
Daviess Community Hospital 1314 E Walnut Street Washington, IN 47501	150061	08/24/2007	IN	Radiology Department
Jeff Anderson Regional Medical Center 2124 14th Street Meridian, MS 39301	250104	08/24/2007	MS	N/A
Modesto Imaging Center 157 E. Coolidge Avenue Modesto, CA 95350	ZZZ01977Z	08/24/2007	CA	N/A
Sioux Center Community Hospital and Health Center 605 South Main Ave Sioux Center, IA 51250	161346	08/24/2007	IA	N/A
Southern Ohio Medical Center 1121 Kinneys Lane Portsmouth, OH 45662	360008	08/24/2007	OH	N/A
Massachusetts General Hospital 55 Fruit Street Boston, MA 02114	220071	08/24/2007	MA	N/A
Clinton Memorial Hospital Regional Health System 31 Farquhar Avenue Wilmington, OH 45177	316005307	08/24/2007	OH	N/A
CJW Medical Center 1401 Johnston Willis Drive Richmond, VA 23235	34632	08/24/2007	VA	N/A

Texas Oncology Weatherford 907 Foster Lane Weatherford, TX 76086	00539K	08/24/2007	TX	N/A
Sharper Imaging Diagnostic Radiology Center 3430 Tamiami Trail Port Charlotte, FL 33952	1730288515	08/24/2007	FL	Suite B
Morristown - Hamblin Healthcare System 908 W. 4th N. Street Morristown, TN 37814	1457354318	08/24/2007	TN	N/A
Puget Sound PET Imaging 6808 220th Street SW Mountlake Terrace, WA 98043	115162600	08/24/2007	WA	Suite 150
Detar Hospital Navarro 506 E. San Antonio Street Victoria, TX 77902	450147	08/24/2007	TX	N/A
PET Imaging of Chicago 6801 West 34th Street Suite 105 Berwyn, IL 60402	214832	08/24/2007	IL	N/A
Imaging Specialists Group, Ltd. 3101 Churchill Road Flower Mound, TX 75022	1417991852	08/24/2007	TX	Suite 100
OKOmed Downtown Imaging 2101 Crawford Street Suite 115 Houston, TX 77002	1780622464	08/24/2007	TX	N/A
Clear Lake Regional Medical Center 500 Medical Center Boulevard Webster, TX 77598	1063466035	08/24/2007	TX	N/A
Norton Hospital 315 East Broadway Louisville, KY 40202	180088	08/24/2007	KY	N/A
Saratoga PET Associates, LLC 3 Emma Lane Clifton Park, NY 12065	1356357172	08/24/2007	NY	N/A

Genesis Health Care System 2800 Maple Avenue Zanesville, OH 43701	1457354318	08/24/2007	OH	N/A
Lake Cumberland Regional Hospital 27 Imaging Drive Somerset, KY 42503	1457354318	08/24/2007	KY	N/A
Saint Francis Cancer Institute 14 Doctors' Park Cape Girardeau, MO 63703	260183	08/24/2007	MO	N/A
American Health Network of IN, LLC - PET/CT 6820 Parkdale Place Indianapolis, IN 46254	1164491775	08/24/2007	IN	Suite #105
PET CT Nuclear Radiology, Inc. 1501 Edisicio Detantacourt, Suite 302 Fernandez Juncos Santorze, PR 909	57886	08/24/2007	PR	Fernandez Juncos Santorze
NSMS - Reedsburg, WI 2000 North Dewey Street Reedsburg, WI 53959	1295785079	08/24/2007	WI	N/A
Wayne Memorial Hospital 2700 Wayne Memorial Hospital Goldsboro, NC 27534	340010	08/24/2007	NC	N/A
InMed Diagnostic Services of IL 10419 Fleming Road Carterville, IL 62918	205040	08/24/2007	IL	N/A
Henrico Doctors' Hospital 1602 Skipwith Road Richmond, VA 23229	490118	08/24/2007	VA	N/A
Alliance Imaging - United General Hospital 2000 Hospital Drive Sedro Woolley, WA 98284	8862377	08/24/2007	WA	N/A
Spencer Municipal Hospital 1200 First Avenue East Spencer, IA 51301	1255328621	08/24/2007	IA	N/A

Radiology LTD LaCholla Center – Diagnostic Imaging 5960 N. LaCholla Avenue Tucson, AZ 85704	1841261989	08/24/2007	AZ	N/A
Saint Elizabeth Regional Medical Center 555 South 70th Street Lincoln, NE 68510	280020	08/24/2007	NE	N/A
Bucyrus Community Hospital 629 N. Sandusky Avenue Bucyrus, OH 44820	361316	08/24/2007	OH	N/A
Mercy Hospital of Willard 110 E. Howard Street Willard, OH 44890	361310	08/24/2007	OH	N/A
Lower Columbia Pathologists 1606 East Kessler Boulevard Longview, WA 98632	745800	08/24/2007	WA	4th Floor
Newton Medical Center 600 Medical Center Drive Newton, KS 67114	170103A	08/24/2007	KS	N/A
Advanced Imaging Partners 508 Cleveland Street Great Bend, KS 67530	1295791325	08/24/2007	KS	N/A
Integrated Medical Imaging 1040 Greenwood Springs Boulevard Greenwood, IN 46143	221970	08/24/2007	IN	N/A
Avera Sacred Heart Cancer Center 501 Summit Street Yankton, SD 57078	430012	08/24/2007	SD	N/A
ValleyCare Medical Center 5555 W. Las Positas Boulevard Pleasanton, CA 94588	50283	08/24/2007	CA	N/A
NSMS - Mena, AR 311 North Morrow Street Mena, AR 71953	1295785079	08/24/2007	AR	N/A

Memorial Hospital Easton 219 S. Washington Street Easton, MD 21601	210037	08/24/2007	MD	N/A
Seattle Cancer Care Alliance 825 Eastlake Avenue E Seattle, WA 98109	500138	08/24/2007	WA	Medical Imaging
Alliance Imaging - The Vancouver Clinic 700 NE 87th Avenue Vancouver, WA 98664	8864364	08/24/2007	WA	N/A
Martin Center for Diagnostic and Imaging Services 3901 S. Fremont Avenue Springfield, MO 65804	260040	08/24/2007	MO	N/A
Aultman Hospital 2600 Sixth Street SW Canton, OH 44710	1457354318	08/24/2007	OH	N/A
Imaging Consultants, Inc. at Harrington Memorial 600 Federal Street Andover, MA 01810	327085	08/24/2007	MA	N/A
Rhode Island Pet Services at Kent County 600 Federal Street Andover, MA 01810	1538113113	08/24/2007	MA	N/A
Imaging Consultants Inc. at Hawthorn 600 Federal Street Andover, MA 01810	1851449078	08/24/2007	MA	N/A
Swedish Covenant Hospital 5145 N California Avenue Chicago, IL 60625	362179813	08/24/2007	IL	N/A
Banner Baywood Medical Center 6644 E. Baywood Avenue Mesa, AZ 85206	30088	08/24/2007	AZ	N/A
Lourdes Hospital 1530 Lone Oak Road Padukah, KY 42003	1346244126	08/24/2007	KY	N/A

St, Vincent Oncology Center 8301 Harcourt Road Indianapolis, IN 46260	150084	08/24/2007	IN	N/A
United Hospital System, Inc. 9555 76th Street Pleasant Prairie, WI 53518	520021	08/24/2007	WI	N/A
East Tennessee Diagnostic Center 1450 Dowell Springs Boulevard Suite 210 Knoxville, TN 37909	1710932553	08/24/2007	TN	N/A
Nazareth Hospital 8400 Roosevelt Boulevard Philadelphia, PA 19152	390204A	08/24/2007	PA	N/A
Good Samaritan Hospital 2425 Samaritan Drive San Jose, CA 95124	50380	08/24/2007	CA	N/A
MedSpecialists Imaging Center 1064 Keene Road Dunedin, FL 34698	AB585	08/24/2007	FL	N/A
NSMS - Pekin, IL 2355 Broadway Road Pekin, IL 61544	1295785079	08/24/2007	IL	N/A
Bluegrass Regional Imaging, LLC 701 Bob-O-Link Drive Lexington, KY 40504	1871542670	08/24/2007	KY	Suite 245
Fairfax Pet Imaging Center 8503 Arlington Boulevard Fairfax, VA 22031	1831220714	08/24/2007	VA	suite 120LL
Lodi Community Hospital 225 Elyria Street Lodi, OH 44254	361303	08/24/2007	OH	N/A
Legacy Meridian Park Hospital 19260 SW 65th Avenue Suite 165 Tualatin, OR 97062	380089	08/24/2007	OR	N/A

Galion Community Hospital 269 Portland Way South Galion, OH 44833	361325	08/24/2007	OH	N/A
Oncology Hematology Associates of Central Illinois 8940 N. Wood Sage Road Peoria, IL 61615	616880	08/24/2007	IL	N/A
Mid Ohio Oncology/Hematology, Inc. 3100 Plaza Properties Boulevard Columbus, OH 43219	1376509661	08/24/2007	OH	N/A
Kentucky Imaging Center 3475 Richmond Road Lexington, KY 40509	1992876981	08/24/2007	KY	SUITE 150
Salem Community Hospital 1995 East State Street Salem, OH 44460	1639131535	08/24/2007	OH	N/A
Belmont Community Hospital 51339 National Road St. Clairsville, OH 43950	360153	08/24/2007	OH	N/A
Golder CT and MRI Center 613 North Golder Avenue Odessa, TX 79761	N/A	08/24/2007	TX	N/A
NSMS - Reedsburg, WI 2000 North Dewey Street Reedsburg, WI 53959	1295785097	08/24/2007	WI	N/A
MaineGeneral Medical Center. 361 Old Belgrade Road Augusta, ME 04330	200039A	08/24/2007	ME	N/A
The Oklahoma PET Center, PLLC 5401 N. Portland Avenue Suite 330 Oklahoma City, OK 73112	569959716M	08/24/2007	OK	N/A
NSMS - Blytheville, AR 1520 North Division Street Blytheville, AR 72316	1295785079	08/24/2007	AR	N/A

NSMS - Benton, AR 1 Medical Park Drive Benton, AR 72015	1295785079	08/24/2007	AR	N/A
Mercy Health System 1000 Mineral Point Avenue Janesville, WI 53548	520066	08/24/2007	WI	N/A
WA Foote Memorial Hospital 205 N. East Avenue Jackson, MI 49201	230092	08/24/2007	MI	N/A
Northern Michigan Hospital 416 Connable Avenue Petoskey, MI 49770	230105	08/24/2007	MI	N/A
Anchor Health Centers 800 Goodlette Road N. Naples, FL 34102	1174571608	08/24/2007	FL	Suite 130
New Ulm Medical Center 1324 5th North Street New Ulm, MN 56073	2880	08/24/2007	MN	N/A
Radiology Associates of Brooklyn LLP 2021 Avenue X Brooklyn, NY 11235-2905	1134244916	08/24/2007	NY	N/A
NYOH Mobile PET/CT Hudson 69 Prospect Road Hudson, NY 12534	1609863448	08/24/2007	NY	N/A
Integris Bass Baptist Health Center 600 South Monroe Enid, OK 73703	1144236571	08/24/2007	OK	N/A
Imaging Consultants Inc at Weymouth Woods 59 Performance Drive Weymouth, MA 2188	1487690335	08/24/2007	MA	N/A
St. Vincent Medical Center 2131 W. Third Street Los Angeles, CA 90057	50502	08/24/2007	CA	N/A

Caritas PET Imaging, LLC at Holyoke Medical Center 575 Beech Street Holyoke, MA 1040	327087	08/24/2007	MA	N/A
St. James Healthcare 400 South Clark Butte, MT 59701	270017	08/24/2007	MT	N/A
Inglewood Imaging Center 211 N. Prairie Avenue Inglewood, CA 90301	TD097	08/24/2007	CA	N/A
Duncan Regional Hospital 1700 Whisenant Drive Duncan, OK 73534	370023	08/24/2007	OK	PO Box 100
OhioHealth Ambulatory PET/CT 500 Thomas Lane Columbus, OH 43214	360006	08/24/2007	OH	N/A
Baylor Diagnostic Imaging Center at Junius 3900 Junius Street Suite 100 Dallas, TX 75246	450021	08/24/2007	TX	N/A
PET/CT Imaging at White Marsh 9900 Franklin Square Drive Suite D Nottingham, MD 21236	FMNX01	08/28/2007	MD	N/A
Central Baptist Diagnostic Center 100 Southland Drive Lexington, KY 40503	9375001	06/14/2006	KY	Suite B
Baptist Health Medical Center - NLR PET/CT 3500 Springhill Drive North Little Rock, AR 72117	5F437	05/03/2006	AR	Suite 100

Commonwealth Hematology Oncology 95 Bogle Office Park Drive Somerset, KY 42503	1285687178	03/21/2007	KY	N/A
Commonwealth Hematology Oncology 216 Southtown Drive Danville, KY 40422	1285687178	03/21/2007	KY	N/A
Jefferson Center City Imaging 850 Walnut Street Philadelphia, PA 19107	66277	09/07/2007	PA	N/A
EPIC Imaging Center 233 NE 102 Avenue Portland, OR 97220	0000WCGNQ	09/11/2007	OR	N/A
UPMC and The Washington Hospital Cancer Center 155 Wilson Avenue Washington, PA 15301	105589VXB	03/10/2006	PA	N/A
Lexington Diagnostic Center 1725 Harrodsburg Road Suite 100 Lexington, KY 40504	0406	03/08/2006	KY	N/A
UW PET Imaging Center 8007 Excelsior Drive Madison, WI 53717	1346266319	04/03/2007	WI	N/A
NorCal Imaging - Oakland 3200 Telegraph Avenue Oakland, CA 94609	ZZZ05319Z	08/22/2007	CA	N/A
NorCal Imaging - Walnut Creek 114 La Casa Via Suite #100 Walnut Creek, CA 94598	ZZZ05319Z	08/22/2007	CA	N/A

Aurora Sheboygan Memorial Imaging Center 2629 North 7th Street Sheboygan, WI 53083	520035	05/08/2008	WI	N/A
Aurora Memorial Hospital of Burlington 252 McHenry Street Burlington, WI 53105	520059	05/08/2008	WI	N/A
Aurora Medical Center - Manitowoc County 5000 Memorial Drive Two Rivers, WI 54241	520034	05/08/2008	WI	N/A
St. Mary's Medical Center 2900 First Avenue Huntington, WV 25702	510007	01/29/2009	WV	N/A
Lenox Hill Radiology & Medical Imaging 61 East 77th Street New York, NY 10021	W16681	01/29/2009	NY	N/A
NSMS - Greenville, IL 200 Health Care Drive Greenville, IL 62246	208196	01/29/2009	IL	N/A
Medical Outsourcing Services LLC-Christie Clinic 1801 West Windsor Road Champaign, IL 61821	211224	01/29/2009	IL	N/A
Dakota Radiology 2929 Fifth Street, First Floor Rapid City, SD 57701	1306892708	01/29/2009	SD	N/A
Coffeyville Regional Medical Center 1400 West Fourth Street Coffeyville, KS 67337	1285600379	01/29/2009	KS	N/A
St. Mary Medical Center 1201 Langhorne-Newtown Road Langhorne, PA 19047	390258	01/29/2009	PA	N/A

Medical Imaging Center at Windsor Oaks 1901 SE 18th Avenue Building 200A Ocala, FL 34471	97993	01/29/2009	FL	N/A
Alliance Imaging 2000 Hospital Drive Sedro-Woolley, WA 98284	8862377	01/29/2009	WA	N/A
Watauga Medical Center 336 Deerfield Road Boone, NC 28607	340051	01/29/2009	NC	N/A
Medical Outsourcing Services LLC 315 W. Old Key Dr. Peru, IN 46970	223260	01/29/2009	IN	N/A
Contemporary Imaging Associates 19900 Haggerty Road Suite 101 Livonia, MI 48152	ON63450	01/29/2009	MI	N/A
Greenwich Hospital 5 Perryridge Road Greenwich, CT 06830	70018	01/29/2009	CT	N/A
SMDC Health Systems 400 East Third Street Duluth, MN 55805	8200	01/29/2009	MN	N/A
Harris Regional Hospital 68 Hospital Road Sylva, NC 28779	340016	01/29/2009	NC	N/A
Community Memorial Hospital W180N8085 Town Hall Road Menomonee Falls, WI 53051	1609822881	01/29/2009	WI	N/A
LRI Lincoln Radiology Imaging 7121 Stephanie Lane Lincoln, NE 68516	99920	01/29/2009	NE	N/A
Bristol Hospital Brewster Road Bristol, CT 06010	70029	01/29/2009	CT	N/A

Mount Auburn Hospital 330 Mount Auburn Street Cambridge, MA 02138	220002	01/29/2009	MA	N/A
American Fork Hospital 170 N. 1100 E. American Fork, UT 84003	460023	01/29/2009	UT	N/A
Kentucky Imaging Center 3475 Richmond Road Suite 150 Lexington, KY 40509	1992876981	01/29/2009	KY	N/A
Bay Park Community Hospital 2801 Bay Park Drive Oregon, OH 43616	1457354318	01/29/2009	OH	N/A
Port Huron Hospital 1221 Pine Grove Avenue Port Huron, MI 48060	1457354318	01/29/2009	MI	N/A
Spring Branch Medical Center 8850 Long Point Road Houston, TX 77055	450630	01/29/2009	TX	N/A
Medical Outsourcing Services LLC 2210 Green Valley Road Suite 1 New Albany, IN 47150	248140	01/29/2009	IN	N/A
Medical Outsourcing Services LLC 355 Ridge Avenue Evanston, IL 60202	211222	01/29/2009	IL	N/A
Queens Hospital Center 82-68 164th Street Queens, NY 11432	330231	01/29/2009	NY	N/A
NYOH Mobile PET/CT Amsterdam 1700 Riverfront Center Amsterdam, NY 12010	1609863448	01/29/2009	NY	N/A
Providence Everett Medical Center 1717 13th Street Everett, WA 98201	500014	01/29/2009	WA	N/A

University of Miami/Sylvester Cancer Center 1475 NW 12th Avenue Miami, FL 33136	100079	01/29/2009	FL	N/A
St. Mary's Hospital Medical Center 1726 Shawano Avenue Green Bay, WI 54303	520097	01/29/2009	WI	N/A
Brazosport Regional Health System 100 Medical Drive Lake Jackson, TX 77566	450072	01/29/2009	TX	N/A
Medical Outsourcing Services LLC 1025 Maine Street Quincy, IL 62301	211224	01/29/2009	IL	N/A
The Imaging Center 499 Gloster Creek Village Suite G1 Tupelo, MS 38801	1417907536	01/29/2009	MS	N/A
NSMS - Forrest City, AR 1601 Newcastle Road Forrest City, AR 72336	1295785079	01/29/2009	AR	N/A
Glendale Adventist Medical Center 1509 Wilson Terrace Glendale, CA 91206	1831188275	01/29/2009	CA	N/A
Mount Sinai Medical Center of Florida, Inc. 4300 Alton Road Miami Beach, FL 33140	100034	01/29/2009	FL	N/A
Cooper University Radiology 900 Centennial Boulevard Voorhees, NJ 08043	17983	01/29/2009	NJ	N/A
George Washington University Hospital 900 23rd Street, NW Washington, DC 10021	90001	01/29/2009	DC	N/A

Galesburg Cottage Hospital 695 N. Kellogg Street Galesburg, IL	1447221312	01/29/2009	IL	N/A
Central Florida Regional Hospital 1401 W. Seminole Boulevard Sanford, FL 32771	100161	01/29/2009	FL	N/A
Feather River Hospital 5974 Pentz Road Paradise, CA 95969	225	01/29/2009	CA	N/A
Caritas PET Imaging, LLC at Cooley Dickinson Hospital 30 Locust Street Northampton, MA 67337	1285846410	01/29/2009	MA	N/A
Shared PET Imaging, LLC for Garden City Hospital 272 West Warren Dearborn Heights, MI	1457354318	01/29/2009	MI	N/A
Florida Hospital Heartland Division -Sebring FL 4200 Sun N Lake Boulevard Sebring, FL 98284	100109	01/29/2009	FL	N/A
Good Samaritan Regional Center 700 E Norwegian Street Pottsville, PA 17901	1427050376	01/29/2009	PA	N/A
Austin Pet and Imaging Center 11044 Research Blvd D-100 Austin, TX 78759	1518928787	01/29/2009	TX	N/A
Ukiah Valley Medical Center 275 Hospital Drive Ukiah, CA 95482	50301	01/29/2009	CA	N/A
Longmont United Hospital 418 E. College Drive Cheyenne, WY 82007	60003	01/29/2009	WY	N/A
Grove City Medical Center 631 N Broad Street Grove City PA 16127	1023000296	01/29/2009	PA	N/A

Fulton Center Health Center 34555 Chagrin Boulevard Cleveland, OH 43567	361333	01/29/2009	OH	N/A
NSMS - Fairfield, IL 303 NW 11th Street Fairfield, IL 62837	1295785097	01/30/2009	IL	N/A
St Helena Hospital 10 Woodland Road St Helena, CA 94574	50013	01/30/2009	CA	N/A
Bayshore Medical Center 4000 Spencer Highway Pasadena, TX 77504	1174576698	01/30/2009	TX	N/A
RedBud Community Hospital 15630 18th Avenue Clearlake, CA 95422	51317	01/30/2009	CA	N/A
Taylor Regional Hospital 125 Greenbriar Drive Campbellsville, KY 42718	180087	01/30/2009	KY	N/A
St. Mary's Medical Center 901 St. Mary's Drive Evansville, IN 47750	150100	01/30/2009	IN	N/A
RUSH University Medical Center 1750 W Harrison Street Jones 106 Chicago, IL 60612	1932213600	01/30/2009	IL	N/A
Parkview Molecular Imaging 2428 Santa Monica Boulevard Suite #302 Santa Monica, CA 90404	G17328A	01/30/2009	CA	N/A
InSight Diagnostic Center 1121 8th Avenue Fort Worth, TX 76104	1932166105	01/30/2009	TX	N/A
Monongahela Valley Hospital 1163 Country Club Road Monongahela, PA 15063	390147	01/30/2009	PA	N/A

Florida Cancer Specialists/ Del Prado 811 Del Prado Boulevard Cape Coral, FL 33990	1760590962	01/30/2009	FL	N/A
MPHS 100 S. San Mateo Drive San Mateo, CA 94403	50007	01/30/2009	CA	N/A
Griffin Hospital 130 Division Street Derby, CT 6418	70031	01/30/2009	CT	N/A
West Jefferson Medical Center 1101 Medical Center Boulevard Marrero, LA 70072	190039	01/30/2009	LA	N/A
Mercy Hospital of Tiffin 485 West Market Street Tiffin, OH 44883	360089	01/30/2009	OH	N/A
Dr. Haroutioun S. Shahinian 10767 Gateway W El Paso, TX 79935	1639184005	01/30/2009	TX	N/A
Holston Valley Medical Center 130 W Ravine Road Kingsport, TN 37660	1457354318	01/30/2009	TN	N/A
Pinnacle Health Imaging at West Hanover 8012 Bretz Drive Harrisburg, PA 17112	390067	01/30/2009	PA	N/A
Indian Path Medical Center 2205 Pavilion Dr Kingsport, TN 37660	1457354318	01/30/2009	TN	N/A
Regional Medical Imaging 2486 Nerredia Flint, MI 48532	1457354318	01/30/2009	MI	N/A
Modesto Radiology Imaging 1524 Mchenry Avenue Suite 100 Modesto, CA 95350	ZZZ18519Z	01/30/2009	CA	N/A
Texas Cancer Clinic 9102 Floyd Curl Drive San Antonio, TX 78240	1316944655	01/30/2009	TX	N/A

Mercy Anderson Hospital 7500 State Road Cincinnati, OH 45255	1457354318	01/30/2009	OH	N/A
Henry Ford Macomb 15855 Nineteen Mile Rd Clinton Township, MI 48038	1457354318	01/30/2009	MI	N/A
Kennedy Outpatient Medical Imaging 900 Medical Center Drive Sewell, NJ 08080	310086	01/30/2009	NJ	N/A
Memorial Hermann Northeast 18955 Memorial North Humble, TX 77338	450684	01/30/2009	TX	N/A
Comprehensive Cancer Center; Cancer Specialists OK 3525 NW 56th Street C150 Oklahoma City, OK 73112	1013090075	01/30/2009	OK	N/A
RIS Lakeland 1305 Lakeland Hills Boulevard Lakeland, FL 33805	584	01/30/2009	FL	N/A
Bayshore Community Hospital 727 North Beers Street Holmdel, NJ 07733	310112	01/30/2009	NJ	N/A
Outpatient Radiology LLC 419 S. Washington Street Suite 101 Casper, WY 82601	1396704474	01/30/2009	WY	N/A
University Hospital and Medical Center 7201 North University Drive Tamarac, FL 33321	1144274770	01/30/2009	FL	N/A
University Cancer Center, Huntsville 640 Interstate 45 N Huntsville, TX 77340	00Y285	01/30/2009	TX	N/A
San Jacinto Methodist Hospita 4401 Garth Road Baytown, TX 77521	450424	01/30/2009	TX	N/A

University Cancer Center, Brenham 605 Medical Court 101 Brenham, TX 77833	00Y285	01/30/2009	TX	N/A
Methodist Hospital 165 at 21st Street Indianapolis, IN 46206	150056	01/30/2009	IN	N/A
Mount Kisco Medical Group 34 S. Bedford Road Mount Kisco, NY 10549	MO0W067610	01/30/2009	NY	N/A
Danville Regional Medical Center 142 South Main Street Danville, VA 24541	490075	01/30/2009	VA	N/A
Hammond Clinic 9800 Valparaiso Drive Munster, IN 46321	1457354318	01/30/2009	IN	N/A
Alliance Imaging - Auburn Regional Medical Center 202 North Division Street Auburn, WA 98001	8865493	01/30/2009	WA	N/A
University of Connecticut Health Center 263 Farmington Avenue Farmington, CT 06030	300001399	01/30/2009	CT	N/A
Clinch Valley Medical Center 2949 West Front Street Richlands, VA 24641	1871534297	01/30/2009	VA	N/A
St. Mary Corwin Medial Center 1008 Minnequa Avenue Pueblo, CO 81004	840405257	01/30/2009	CO	N/A
Insight Imaging-Saint John's Regional Medical Center 1700 N Rose Avenue Suite 110 Oxnard, CA 93030	TP044	01/30/2009	CA	N/A
Trinity Hospitals 407 3rd Street SE Minot, ND 58701	412002771	01/30/2009	ND	N/A

Morris County Imaging 310 Madison Avenue Morristown, NJ 07960	111293	01/30/2009	NJ	N/A
Lake Norman Regional Medical Center 171 Fairview Road Mooresville, NC 28117	34012	01/30/2009	NC	N/A
Medical Imaging of Fredericksburg 1201 Sam Perry Boulevard Suite 102 Fredericksburg, VA 2240	7242956	01/30/2009	VA	N/A
Medical Outsourcing Services LLC 450 Chew Street Allentown, PA 18102	115171	01/30/2009	PA	N/A
Southeastern Regional Medical Center 300 West 27th Street Lumberton, NC 28358	340050	01/30/2009	NC	N/A
Meridian Health, Riverview Medical Center 1 Riverview Plaza Red Bank, NJ 07701	310034	01/30/2009	NJ	N/A
Shands Jacksonville 555 W. 8th Street Jacksonville, FL 32209	100001	01/30/2009	FL	N/A
Advantage Imaging, LLC 3733 Park East Drive Suite 100 Beachwood, OH 44139	1336359686	01/30/2009	OH	N/A
Marlette Regional Hospital 2770 Main Street PO Box 307 Marlette, MI 48453	231330	01/30/2009	MI	N/A
Lewisburg Cancer Center 75 Medical Park Drive Lewisburg, PA 17837	31076	01/30/2009	PA	N/A
New Jersey Diagnostics & Imaging 455 Jack Martin Boulevard Brick, NJ 08724	1710915483	01/30/2009	NJ	N/A

Medical Oncology Associates, P.S. 6001 N Mayfair Street Spokane, WA 99208	GAB37015	01/30/2009	WA	N/A
DMS Imaging 10121 Pine Avenue Truckee, CA 96161	ZZZ05188Z	01/30/2009	CA	N/A
Northwest Medical Center 2801 N. State Road 7 Margate, FL 33063	100189	01/30/2009	FL	N/A
St. Joseph Hospital 1907 W. Sycamore Street Kokomo, IN 46904	1780625442	01/30/2009	IN	N/A
Mayo Clinic Jacksonville 4500 San Pablo Road Jacksonville, FL 32224	97325	01/30/2009	FL	N/A
Jewish Hospital 200 East Liberty Street Louisville, KY 40222	1457354318	01/30/2009	KY	N/A
Riverview Hospital Association 410 Dewey Street Wisconsin, Rapids WI 54495	520033	01/30/2009	WI	N/A
Quantum PET - Mt. Nittany Medical Center 1800 East Park Avenue State College, PA 16803	40635	01/30/2009	PA	N/A
Capital Medical Center 3900 Capital mall Drive Olympia, WA 98502	1841258639	01/30/2009	WA	N/A
Treasure Hills Imaging Center 2121 Pease Street Harlingen, TX 78550	FTA0091	01/30/2009	TX	N/A
King's Daughter's Hospital & Health Services One King's Daughters Drive Madison, IN 47250	1457354318	01/30/2009	IN	N/A
St. Luke's Hospital East Campus 85 Grand Avenue Fort Thomas, KY 41075	1457354318	01/30/2009	KY	N/A

Greenview Regional Hospital 1801 Ashley Circle Bowling Green, KY 42104	1457354318	01/30/2009	KY	N/A
TJ Samson Community Hospital 1301 N. Race Street Glasgow KY 42141	1457354318	01/30/2009	KY	N/A
Watson Clinic LLP 1600 Lakeland Hills Boulevard Lakeland FL 33805	162	01/30/2009	FL	N/A
Major Hospital 2455 Inteliplex Drive Shelbyville, IN 46176	1174555692	01/30/2009	IN	N/A
Carroll Precision Imaging Center 680A Poole Road Westminster, MD 21157	1598944761	01/30/2009	MD	N/A
Providence Hospital 16001 West Nine Mile Road PO Box 2043 Southfield, MI 48037	1144210253	01/30/2009	MI	N/A
Lexington Clinic 1221 South Broadway Lexington, KY 40504	169	01/30/2009	KY	N/A
St Francis Hospital 6161 S. Yale Avenue Tulsa, OK 74136	1457354318	01/30/2009	OK	N/A
Kingman Regional Imaging Center 1033 Sycamore Avenue Kingman, AZ 86409	30055	01/30/2009	AZ	N/A
Morrow County Hospital 651 West Marion Road Mount Gilead, OH 43338	361313	01/30/2009	OH	N/A
Alliance Imaging - Gritman Medical Center 700 South Main Street Moscow, ID 83843	17902911	01/30/2009	ID	N/A
Putnam Hospital Center 670 Stoneleigh Avenue Carmel, NY 10512	330273	01/30/2009	NY	N/A

Associated Medical Specialist, PA 817 Farrar Drive Conway, SC 29526	1063432391	01/30/2009	SC	N/A
South Valley Radiology 16633 Ventura Boulevard Suite 120 Encino, CA 91436	W18950	W18950	CA	N/A
Florida Cancer Institute 7651 Medical Drive Hudson, FL 34667	K4006	01/30/2009	FL	N/A
Albemarle Hospital 1144 N Road Street Elizabeth City, NC 27909	340109	01/30/2009	NC	N/A
Carilion New River Valley 2900 Lamb Circle Christiansburg, VA 24073	490042	01/30/2009	VA	N/A
Hope Diagnostic Imaging Center 2202 S. 77th Sunshine Strip Suite E Harlingen, TX 78550	FTNX12	01/30/2009	TX	N/A
Optima Diagnostic Imaging 8900 Wilshire Boulevard Beverly Hills, CA 90211	1659412757	01/30/2009	CA	N/A
John Randolph Medical Center 411 W. Randolph Road Hopewell, VA 23860	490020	01/30/2009	VA	N/A
Salem Hospital 665 Winter Street SE Salem, OR 97301	1265431829	01/30/2009	OR	N/A
Nacogdoches Medical Center 4920 NE Stallings Drive Nacogdoches, TX 75961	450656	01/30/2009	TX	N/A
Fairfield Diagnostic Imaging 1241 River Valley Boulevard Lancaster, OH 43130	1063472884	01/30/2009	OH	N/A
PET Imaging of Thornton 9461 Huron Street Thornton, CO 80260	183123486	01/30/2009	CO	N/A

East Bay Medical Oncology 4721 Dallas Ranch Road Antioch, CA 94513	1932107331	01/30/2009	CA	N/A
MultiCare Health System/ Tacoma General Hospital 316 Martin Luther King Way Tacoma, WA 98405	1366556227	01/30/2009	WA	N/A
University of Wisconsin- Hospital and Clinics 600 Highland Avenue Madison, WI 53792	520098	01/30/2009	WI	N/A
Open MRI and CT of South Miami, LLC 101 NW 1st Avenue Delray Beach, FL 33444	1457405060	01/30/2009	FL	N/A
Dearborn County Hospital 600 Wilson Creek Road Lawrenceburg, IN 47025	150086	01/30/2009	IN	N/A
Alliance Imaging Inc-Desert Imaging 118 Castellano Drive ElPaso, TX 79912	1639357213	01/30/2009	TX	N/A
NSMS - Hamburg, IA 209 Limestone Pass Cottage Grove, WI 53527	1295785079	01/30/2009	WI	N/A
NSMS - Memphis, MO Sigler Avenue RR #1 Box 53 Memphis, MO 63555	1295785079	01/30/2009	MO	N/A
Alliance Imaging - Hematology Oncology 715 W. North Avenue Melrose, Park IL 60160	216057	01/30/2009	IL	N/A
South Miami Hospital 6200 SW 73rd Street Miami, FL 33143	1982688230	01/30/2009	FL	N/A

The PET/CT Center of North Florida 2161 Kingsley Avenue Orange Park, FL 32073	1952320467	01/30/2009	FL	N/A
Ascent Diagnostic Imaging of Tamarac 7180 North University Drive Tamarac, FL 33321	AL571	01/30/2009	FL	N/A
Wilson Medical Center 1705 Tarboro Street SW Wilson, KY 41075	340126	02/02/2009	NC	N/A
Lexington Medical Center 811 W. Main Street Lexington, KY 42141	1457354318	02/02/2009	SC	N/A
Merced MRI 3365 G Street Suite 100 Merced, KY 42104	ZZZ19963Z	02/02/2009	CA	N/A
Memorial Diagnostic Center 2901 Swann Avenue Tampa, FL 33805	100206	02/02/2009	FL	N/A
The PET/CT Center of North Florida 1375 Roberts Road Jacksonville Beach, FL 46176	1932196243	02/02/2009	FL	N/A
The PET/CT Center of North Florida 300 Health Park Boulevard #100 St. Augustine, FL 32086	1861427155	02/02/2009	FL	N/A
Oncology Hematology West, P.C. 17201 Wright Street Suite 100 Omaha, NE 68130	1932178530	02/02/2009	NE	N/A
The PET/CT Center of North Florida 795 SW State Road 47 Lake City, FL 32025	1902893902	02/02/2009	FL	N/A

The PET/CT Center of North Florida 710 Lomax Street Jacksonville, FL 32204	1457529786	02/02/2009	FL	N/A
Provena Saint Joseph Medical Center 2000 Glenwood Avenue Joliet, IL 60435	140007	02/02/2009	IL	N/A
Montgomery County Advanced Medical Imaging, LLC 2701 Blair Mill Road Blairwood Building Suite 3 Willow Grove, PA 19090	1134315369	02/02/2009	PA	N/A
Medical Outsourcing Services LLC One Elizabeth Place Dayton, OH 45408	2391	02/02/2009	OH	N/A
Insight Diagnostic Imaging 750 N. Syringa Street Suite 104 Post Falls, ID 83854	1710089636	02/02/2009	ID	N/A
Hudson Valley Radiology Associates of Westchester 115 Main Street Tuckahoe, NY 10707	1174574115	02/02/2009	NY	N/A
Advocate Illinois Masonic Medical Center 3000 North Halsted Suite 100 Chicago, IL 60657	363196629	02/02/2009	IL	N/A
The PET/CT Center of North Florida 600 Zeagler Drive Palatka, FL 32177	1518986926	02/02/2009	FL	N/A
Baptist Memorial Outpatient Diagnostic Center 504 Azalea Drive Oxford, MS 38655	1053375576	02/02/2009	MS	N/A

Alliance Imaging - Great Falls Clinic 3000 15th Avenue South Great Falls, MT 59405	1790978146	02/02/2009	MT	N/A
Central DuPage Hospital 25 N Winfield Road Winfield, IL 60190	820800	02/02/2009	IL	N/A
Medical Outsourcing Services LLC 4932 W 95th Street Oak Lawn, IL 60453	211222	02/02/2009	IL	N/A
The Cancer Center at Lake Manassas 7901 Lake Manassas Drive Gainesville, VA 20155	1518024934	02/02/2009	VA	N/A
Zwanger-Pesiri Radiology, LLP 80 Maple Avenue Smithtown, NY 11787	W1391	02/02/2009	NY	N/A
Ohio Valey General Hospital 500 Pine Hollow Road McKees Rocks, PA 15136	390157	02/02/2009	OH	N/A
Rockwood Clinic Radiation Oncology 2410 E. Sinto Avenue Spokane Valley, WA 99216	356600	02/02/2009	WA	N/A
Regional West Medical Center 4021 Ave. B Scottsbluff, NE 69361	1639101199	02/02/2009	NE	N/A
DuPage Medical Group at Rickert 1100 W. 31st Street Downers Grove, IL 60515	1801833983	02/02/2009	IL	N/A
Medical Outsourcing Services LLC 2701 W. 68th Street Chicago, IL 60629	211222	02/02/2009	IL	N/A
Presbyterian Kaseman Hospital 8300 Constitution Avenue NE Albuquerque, NM 87110	320021	02/02/2009	NM	N/A

North Kansas City Hospital 2800 Clay Edwards Drive Parkville, MO 64116	260096	02/02/2009	MO	N/A
West Hernando Diagnostic Imaging 3315 Commercial Way Spring Hill, FL 34606	1174668305	02/02/2009	FL	N/A
NSMS - Robinson, IL 1000 N. Allen Street Robinson, IL 62454	1295785079	02/02/2009	IL	N/A
Memorial Hospital 715 South Taft Avenue Fremont OH 43420	360156	02/02/2009	OH	N/A
Samaritan Imaging Center 1245 Wilshire Boulevard Suite 205 Los Angeles, CA 90017	1538258116	02/02/2009	CA	N/A
Aurora West Allis Medical Center 8901 West Lincoln Avenue West Allis, WI 53227	520139	02/02/2009	WI	N/A
Hematology & Oncology Specialists, LLC 39 Starbrush Circle Covington, LA 70433	5F818	02/02/2009	LA	N/A
DDIS-PB 3250 Westchester Avenue Bronx, NY 10461	w30661	02/02/2009	NY	N/A
Toledo Clinic, Inc. 4235 Secor Road Toledo, OH 43623	1144217894	02/02/2009	OH	N/A
CDSA 1421 Third Avenue New York, NY 10028	1982700951	02/02/2009	NY	N/A
Cancer Care Centers of South Texas 2130 NE Loop 410 Suite 100 San Antonio, TX 78217	1225064603	02/02/2009	TX	N/A

Saddleback Memorial Medical Center 24451 Healthcenter Drive Laguna Hills, CA 92653	50603	02/02/2009	CA	N/A
Marshfield Clinic 2116 Craig Road Eau Claire, WI 54701	390452970	02/02/2009	WI	N/A
Liberty Pacific Advanced Imaging 16130 Ventura Boulevard Encino, CA 91436	1962457812	02/02/2009	CA	N/A
SimonMed Imaging, Inc. 20830 N Tatum Blvd Suite 190 Phoenix, AZ 85050	1164460077	02/02/2009	AZ	N/A
Marshfield Clinic - Rice Lake Center 1700 West Stout Street Rice Lake, WI 54868	5090	02/02/2009	WI	N/A
Ingham Regional Medical Center 401 W. Greenlawn Avenue Lansing, MI 48910	230167	02/02/2009	MI	N/A
Space Coast Medical Associates LLP 490 N. Washington Avenue Titusville, FL 32796	1558329581	02/02/2009	FL	N/A
Ascent Diagnostic Imaging of Jacksonville 5210 Belfort Road Suite 130 Jacksonville, FL 32256	AL744	02/02/2009	FL	N/A
Milford Regional Medical Center 12 Prospect Street Milford, MA 01757	1477527497	02/02/2009	MA	N/A
The Cancer Team Bellin Health 1580 Commanche Avenue Green Bay, WI 54313	ESO114	02/02/2009	WI	N/A

Community Cance Center of North Florida 7000 NW 11th Place Gainesville, FL 32605	1205858354	02/02/2009	FL	N/A
Epic Care Dublin 6380 Clark Avenue Dublin, CA 94568	ZZZ39149Z	02/02/2009	CA	N/A
Cornerstone McLaughlin & Marte 3850 Tampa Road Palm Harbor, FL 44718	1174668305	02/03/2009	FL	N/A
Methodist Dallas Medical Center 1441 N. Beckley Avenue Dallas, TX 75203	1457354318	02/03/2009	TX	N/A
Methodist Charlton Medical Center 3500 W. Wheatland Road Dallas, TX 75737	1457354318	02/03/2009	TX	N/A
Riverview Hospital 395 Westfield Road Nobelsville, IN 46060	1457354318	02/03/2009	IN	N/A
North Bay Imaging 625 W. Baldwin Road Panama City, FL 32405	1639208366	02/03/2009	FL	N/A
University Medical Center 602 Indiana Avenue Lubbock, TX 79413	1821087164	02/03/2009	TX	N/A
Toms River X-Ray/CT/MRI Center 154 Highway 37 W Toms River, NJ 08755	540379	02/03/2009	NJ	N/A
St. Mary's Hospital Imaging Department 25500 Point Lookout Road Leonardtown, MD 20650	210028	02/03/2009	MD	N/A
Banner Good Samaritan PET Center 1111 E. McDowell Road Phoenix AZ 85006	H0016	02/03/2009	AZ	N/A

Saint Luke's Northland Hospital 4320 Wornall Road Suite 328 Kansas City, MO 64111	111111	02/03/2009	MO	N/A
Carmichael Imaging 6620 Coyle Avenue Suite 110 Carmichael, CA 95608	941694584	02/03/2009	CA	N/A
Phoebe Putney Memorial Hospital 2709 Meredyth Drive Albany, GA 31707	1710147210	02/03/2009	GA	N/A
Trinity MedicalCenter 800 Montclair Road Birmingham, AL 35213	10104	02/03/2009	AL	N/A
Diagnostic Clinic 1551 West Bay Drive Largo, FL 33770	36	02/03/2009	FL	N/A
Titus Regional Medical Center 2001 North Jefferson Avenue Mount Pleasant, TX 75455	1174526529	02/03/2009	TX	N/A
Snow Canyon Clinic 272 East Center Street Ivins, UT 84738	1235185645	02/03/2009	UT	N/A
Conway Medical Center 300 Singleton Ridge Road, PO Box 829 Conway, SC 29526	1134172000	02/03/2009	SC	N/A
Nazha Cancer Center 801 New Road Northfield, NJ 08225	1063698959	02/03/2009	NJ	N/A
CHRISTUS Central Louisiana Imaging Center 3704 North Boulevard Alexandria, LA 71301	190019	02/03/2009	LA	N/A
Cobre Valley Community Hospital 5880 S. Hospital Drive Globe, AZ 85501	31314	02/03/2009	AZ	N/A

Wuesthoff X-Ray and Lab at Baytree 7970 N. Wickham Road Melbourne, FL 32940	1538298344	02/03/2009	FL	N/A
Avera Holy Family 826 North 8th Street Estherville, IA 51334	1508810177	02/03/2009	IA	N/A
Hannibal Regional Hospital 6000 Hospital Drive Hannibal, MO 63401	260025	02/03/2009	MO	N/A
Alliance Imaging Dreyer Clinic 1221 North Highland Avenue Aurora, IL 60506	1235282344	02/03/2009	IL	N/A
Cancer Care 11100 Hefner Pointe Drive Oklahoma City, OK 73120	1295785392	02/03/2009	OK	N/A
Fisher-Titus Medical Center 272 Benedict Avenue Norwalk, OH 44857	360065	02/03/2009	OH	N/A
Oaklawn Hospital 200 North Madison Street Marshall, MI 49068	230217	02/03/2009	MI	N/A
Dixie Regional Medical Center 544 South 400 East St. George, UT 84790	460021	02/03/2009	UT	N/A
New Jersey Institute of Radiology 630 Broad Street Carlstadt, NJ 07072	115568	02/03/2009	NJ	N/A
Medical Diagnostic Imaging 4349 Treadaway Boulevard Abilene, TX 79602	1730387911	02/03/2009	TX	N/A
Richmond 2900 Richmond Avenue Houston, TX 77098	1730132234	02/03/2009	TX	N/A

Lafayette General Medical Center-LGI 1211 Coolidge Blvd Suite 201 Lafayette, LA 70503	1275536799	02/03/2009	LA	N/A
Ohio Cancer Specialists 1125 Aspira Court Mansfield, OH 44906	1316917040	02/03/2009	OH	N/A
Vantage Diagnostic Imaging 3400 W. Hefner Road Oklahoma City, OK 73120	400522173	02/03/2009	OK	N/A
Health Diagnostics 455 Hickey Boulevard #200 Daly City, CA 94015	1467611467	02/03/2009	CA	N/A
Physicians for Cure 795 SW State Road 47 Lake City, FL 32025	1770739104	02/03/2009	FL	N/A
Arkansas Cancer Center PET/CT 9601 Lile Drive Suite 106 Little Rock, AR 72205	1477535391	02/03/2009	AR	N/A
Southeast Georgia Health System 2415 Parkwood Drive Brunswick, GA 31520	110025	02/03/2009	GA	N/A
Illinois Valley Community Hospital 925 West Street Peru, IL 61354	1457354318	02/03/2009	IL	N/A
Oncology Hematology Associates of Southwest IN 3699 Epworth Road Newburgh, IN 47630	1710150222	02/03/2009	IN	N/A
Sam Houston Cancer Center 112 Medical Park Lane Huntsville, TX 77340	00Z337	02/03/2009	TX	N/A
Silicon Valley Medical Imaging 2191 Mowry Avenue Suite 500-H Fremont, CA 94538	1376730358	02/03/2009	CA	N/A

RADS (Radiology and Diagnostic Services) 7160 W. 20th Avenue Suite M126 Hialeah, FL 33016	100187	02/03/2009	FL	N/A
Kaweah Delta Imaging Center 4949 W. Cypress Avenue Visalia, CA 93277	1588663769	02/03/2009	CA	N/A
University of South AL Mitchell Cancer Institute 1660 Springhill Avenue Mobile, AL 36604	H398	02/03/2009	AL	N/A
Murray-Calloway County Hospital 803 Poplar Street Murray, KY 42071	1073504981	02/03/2009	KY	N/A
Arizona Center for Hematology and Oncology 14674 W. Mountain View Boulevard #113 Surprise, AZ 85374	Z31627	02/03/2009	AZ	N/A
Wake Radiology Diagnostic Imaging, Inc. 300 Ashville Avenue Suite 180 Cary, NC 27518	1538123450	02/03/2009	NC	N/A
The Vancouver Clinic 700 NE 87th Avenue Vancouver, WA 98686	685900	02/03/2009	WA	N/A
Bronx-Lebanon Hospital Center 1650 Grand Concourse Bronx, NY 10457	1558461962	02/03/2009	NY	N/A
Evergreen Hemtology & Oncology, P.S. 309 E. Farwell Road Suite 100 Spokane, WA 99218	1255592218	02/03/2009	WA	N/A

NSMS - Parsons, KS 1902 59 Highway South Parsons, KS 67357	1295785079	02/03/2009	KS	N/A
Florida Cancer Specialists- Cornerstone 3850 Tampa Road Palm Harbor, FL 34684	1760590962	02/03/2009	FL	N/A
Town Center Imaging 21 Hospital Drive Suite 130 Palm Coast, FL 32164	1558530006	02/03/2009	FL	N/A
Memorial Hospital Of Carbondale 405 W. North Avenue Carbondale, IL 62901	1093801797	02/03/2009	IL	N/A
Herrin Hospital 201 South 14th Street Herrin, IL 62948	1093801797	02/03/2009	IL	N/A
Laughlin Memorial Hospital 1420 Tusculum Boulevard Greeneville, TN 37745	1881669778	02/03/2009	TN	N/A
Quantum PET - Hanover Hospital 300 Highland Avenue Hanover, PA 17331	40635	02/03/2009	PA	N/A
Parrish Medical Center 941 North Washington Avenue Titusville, FL 32796	1053424648	02/03/2009	FL	N/A
California Diagnostic Imaging Center, Inc. 828 South Grand Suite 107 Glendora, CA 91740	FP113	02/03/2009	CA	N/A
NorCal Imaging - Pleasanton 5924 Stoneridge Drive Pleasanton, CA 94588	1578687166	02/03/2009	CA	N/A
Sadler Clinic 9305 Pinecroft Drive The Woodlands, TX 77380	1114979127	02/03/2009	TX	N/A

Medical Center Hospital 500 West 4th Street Odessa, TX 79760	450132	02/03/2009	TX	N/A
Cascade Medical Imaging 2500 NE Neff Road Bend, OR 97701	1194994145	02/03/2009	OR	N/A
Palos Community Hospital 15300 West Avenue Orland Park, IL 60462	1124276332	02/03/2009	IL	N/A
Lemmen Holton Cancer Pavilion 145 Michigan Street, NE Grand Rapids, MI 49503	230038	02/03/2009	MI	N/A
Houston Cancer Institute 1220 Blalock Suite 100 Houston, TX 77055	00N55X	02/03/2009	TX	N/A
Hudson Valley Hematology - Oncology Associates 19 Baker Avenue Suite 100 Poughkeepsie, NY 12601	1275615809	02/03/2009	NY	N/A
North Shore Radiology at Glen Cove, PC 10 Medical Plaza Suite 106 Glen Cove, NY 11542	1003024662	02/03/2009	NY	N/A
Cape Radiology 4011 Route 9 South PO Box 244 Rio Grande, NJ 08242	1972592194	02/03/2009	NJ	N/A
Frederick Imaging Centers, LLC 46 B Thomas Johnson Drive Suite 100 Frederick, MD 21702	1063699940	02/03/2009	MD	N/A
EP Medical Imaging Technology 10767 Gateway West Suite 520 El Paso, TX 79935	1508987165	02/03/2009	TX	N/A

Atlantis Diagnostics 1344 S. Apollo Boulevard Melbourne, FL 32901	1053382457	02/03/2009	FL	N/A
Tri-City PETCT at Vista 902 Sycamore Avenue #120 Vista, CA 92081	1154580348	02/03/2009	CA	N/A
Florida Cancer Specialists/Sarasota Downtown 1970 Golf Street Sarasota, FL 34236	1760590962	02/03/2009	FL	N/A
Arizona Oncology Associates - Biltmore 2222 East Highland Avenue Suite 130 Phoenix, AZ 85016	1235193459	02/03/2009	AZ	N/A
Las Vegas Radiology 7500 Smoke Ranch Suite 100 Las Vegas, NV 89128	1972714970	02/03/2009	NV	N/A
Medical Outsourcing Services 2900 W. 16th Street Bedford, IN 47421	1700812294	02/03/2009	IN	N/A
Town Center Imaging 21 Hospital Drive Suite 130 Palm Coast, FL 32164	1558530006	02/03/2009	FL	N/A
Memorial Hospital Of Carbondale 405 W. North Avenue Carbondale, IL 62901	1093801797	02/03/2009	IL	N/A
Herrin Hospital 201 South 14th Street Herrin, IL 62948	1093801797	02/03/2009	IL	N/A
Laughlin Memorial Hospital 1420 Tusculum Boulevard Greeneville, TN 37745	1881669778	02/03/2009	TN	N/A

Quantum PET - Hanover Hospital 300 Highland Avenue Hanover, PA 17331	40635	02/03/2009	PA	N/A
Parrish Medical Center 941 North Washington Avenue Titusville, FL 32796	1053424648	02/03/2009	FL	N/A
California Diagnostic Imaging Center, Inc. 828 South Grand Suite 107 Glendoro, CA 91740	TP113	02/03/2009	CA	N/A
NorCal Imaging - Pleasanton 5924 Stoneridge Drive Pleasanton, CA 94588	1578687166	02/03/2009	CA	N/A
Sadler Clinic 9305 Pinecroft Drive The Woodlands, TX 77380	1114979127	02/03/2009	TX	N/A
Medical Center Hospital 500 West 4th Street Odessa, TX 79760	450132	02/03/2009	TX	N/A
Cascade Medical Imaging 2500 NE Neff Road Bend, OR 97701	1194994145	02/03/2009	OR	N/A
Palos Community Hospital 15300 West Avenue Orland Park, IL 60462	1124276332	02/03/2009	IL	N/A
Lemmen Holton Cancer Pavilion 145 Michigan Street, NE Grand Rapids, MI 49503	230038	02/03/2009	MI	N/A
Houston Cancer Institute 1220 Blalock Suite 100 Houston, TX 77055	00N55X	02/03/2009	TX	N/A
Hudson Valley Hematology - Oncology Associates 19 Baker Avenue Suite 100 Poughkeepsie, NY 12601	1275615809	02/03/2009	NY	N/A

North Shore Radiology at Glen Cove, PC 10 Medical Plaza Suite 106 Glen Cove, NY 11542	1003024662	02/03/2009	NY	N/A
Cape Radiology 4011 Route 9 South PO Box 244 Rio Grande, NJ 08242	1972592194	02/03/2009	NJ	N/A
Frederick Imaging Centers, LLC 46 B Thomas Johnson Drive Suite 100 Frederick, MD 21702	1063699940	02/03/2009	MD	N/A
EP Medical Imaging Technology 10767 Gateway West Suite 520 El Paso, TX 79935	1508987165	02/03/2009	TX	N/A
Atlantis Diagnostics 1344 S Apollo Boulevard Melbourne, FL 32901	1053382457	02/03/2009	FL	N/A
Tri-City PETCT at Vista 902 Sycamore Avenue #120 Vista, CA 92081	1154580348	02/03/2009	CA	N/A
Florida Cancer Specialists/Sarasota Downtown 1970 Golf Street Sarasota, FL 34236	1760590962	02/03/2009	FL	N/A
Arizona Oncology Associates - Biltmore 2222 East Highland Avenue Suite 130 Phoenix, AZ 85016	1235193459	02/03/2009	AZ	N/A
Las Vegas Radiology 7500 Smoke Ranch Suite 100 Las Vegas, NV 89128	1972714970	02/03/2009	NV	N/A
Medical Outsourcing Services 2900 W. 16th Street Bedford, IN 47421	1700812294	02/03/2009	IN	N/A

Addendum XIII
Medicare-Approved Ventricular Assist Device (Destination Therapy) Facilities
[July Through September 2009]

On October 1, 2003, we issued our decision memorandum on ventricular assist devices for the clinical indication of destination therapy. We determined that ventricular assist devices used as destination therapy are reasonable and necessary only if performed in facilities that have been determined to have the experience and infrastructure to ensure optimal patient outcomes. We established facility standards and an application process. All facilities were required to meet our standards in order to receive coverage for ventricular assist devices implanted as destination therapy.

VAD Destination Therapy Facilities
The following facilities have met the CMS facility standards for destination therapy VADs.

Facility	Provider Number	Date Approved	State	Other Information
Advocate Christ Medical Center 4440 W 95th Street Oak Lawn, Illinois	140208	12/17/2003	IL	Joint Commission Certified on 05/26/2007
California Pacific Medical Center 2333 Buchanan Street San Francisco, California	050047	03/19/2004	CA	
Baptist Memorial Hospital 6019 Walnut Grove Road Memphis, Tennessee	440048	04/07/2004	TN	
Duke University Medical Center DUMC Box 3943 Durham, North Carolina	340030	10/31/2003	NC	
Fairview-University Medical Center 2450 Riverside Avenue Minneapolis, Minnesota	240080	10/28/2003	MN	
Allegheny General Hospital 320 E North Avenue Pittsburgh, Pennsylvania	390050	12/10/2003	PA	Joint Commission Certified on 03/28/2008
Barnes-Jewish Hospital One Barnes-Jewish Hospital Plaza Saint Louis, Missouri	260032	10/27/2003	MO	Joint Commission Certified on 08/22/2008

Brigham and Women's Hospital 15 Francis Street Boston, Massachusetts	220110	01/09/2004	MA	
Bryan LGH Medical Center East 1600 S 48 Street Lincoln, Nebraska	280003	10/23/2003	NE	
Cedars-Sinai Medical Center 8700 Beverly Boulevard Los Angeles, California	050625	12/29/2003	CA	
Clarian Health Partners, Inc. 1701 N. Senate Avenue Indianapolis, Indiana	150056	11/25/2003	IN	
Cleveland Clinic 9500 Euclid Avenue Cleveland, Ohio	360180	12/03/2003	OH	
Hahnemann University Hospital Broad and Vine Streets Philadelphia, Pennsylvania	390290	12/22/2003	PA	Joint Commission Certified on 09/19/2008
Hospital of the University of Pennsylvania 3400 Spruce Street Philadelphia, Pennsylvania	390111	10/28/2003	PA	Joint Commission Certified on 05/23/2008
Henry Ford Hospital 2799 W. Grand Boulevard Detroit, Michigan	230053	01/06/2004	MI	
Inova Fairfax Hospital 3300 Gallows Road Falls Church, Virginia	490063	03/31/2004	VA	

Jewish Hospital 200 Abraham Flexner Way Louisville, Kentucky	180040	11/10/2003	KY	
Jackson Memorial Hospital 1611 NW 12th Avenue Miami, Florida	100022	01/12/2004	FL	University of Miami
LDS Hospital 8th Avenue and C Street Salt Lake City, Utah	460010	10/23/2003	UT	
Johns Hopkins Hospital 600 N. Wolfe Street Baltimore, Maryland	210009/1790700904	10/28/2003	MD	Joint Commission Certified on 07/09/2008
Loyola University Medical Center 2160 S. 1st Avenue Maywood, Illinois	140276	01/30/2004	IL	
Lutheran Hospital of Indiana 7950 W. Jefferson Boulevard Fort Wayne, Indiana	150017	10/29/2003	IN	
Massachusetts General Hospital 55 Fruit Street Boston, Massachusetts	220071	12/15/2003	MA	
Mayo Clinic 4500 San Pablo Road Jacksonville, Florida	100151	11/06/2003	FL	
Medical City Dallas Hospital 7777 Forest Lane Dallas, Texas	450647	12/03/2003	TX	

The Methodist Hospital 6565 Fannin Street Houston, Texas	450358	11/03/2003	TX	
Montefiore Medical Center 111 E. 210th Street Bronx, New York	330059	11/14/2003	NY	
Methodist Specialty and Transplant Hospital 8026 Floyd Curl Drive San Antonio, Texas	450388	11/19/2003	TX	
Newark Beth Israel Medical Center 201 Lyons Avenue Newark, New Jersey	310002	11/14/2003	NJ	
Mount Sinai Medical Center 1190 5th Avenue New York, New York	330024	11/25/2003	NY	
New York-Presbyterian Hospital 177 Fort Washington Avenue New York, New York	330101	10/28/2003	NY	Columbia University Medical Center
Ohio State University Medical Center 410 W. 10th Avenue Columbus, Ohio	360085	11/12/2003	OH	
Oregon Health and Sciences University 3181 SW Sam Jackson Park Road Portland, Oregon	380009	11/21/2003	OR	
OSF St Francis Medical Center 530 NE Glen Oak Avenue Peoria, Illinois	140067	11/12/2003	IL	

Penn State Milton S Hershey Medical Center 500 University Drive Hershey, Pennsylvania	390256	11/29/2003	PA	Joint Commission Certified on 05/19/2008
Rush-Presbyterian-St Luke Medical Center 1653 W Congress Parkway Chicago, Illinois	140119	11/14/2003	IL	
Sentara Norfolk General Hospital 600 Gresham Drive Norfolk, Virginia	490007	11/10/2003	VA	
Sacred Heart Medical Center 101 W 8th Avenue Spokane, Washington	500054	01/12/2004	WA	
Seton Medical Center 1201 W. 38th Street Austin, Texas	450056	01/13/2004	TX	
Shands at the University of Florida 1600 SW Archer Road Gainesville, Florida	100113	11/26/2003	FL	
Sharp Memorial Hospital 7901 Frost Street San Diego, California	050100	12/01/2003	CA	Joint Commission Certified on 07/18/2008
Stanford University Hospital and Clinics 300 Pasteur Drive Stanford, California	050441	12/22/2003	CA	Stanford University Medical Center
St Francis Hospital 6161 S. Yale Avenue Tulsa, Oklahoma	370091	01/09/2004	OK	

St Luke's Medical Center 2900 W Oklahoma Avenue Milwaukee, Wisconsin	520138	11/03/2003	WI	
St Luke's Episcopal Hospital 6720 Bertner Avenue Houston, Texas	450193	10/28/2003	TX	
St Vincent Hospital and Health Services 2001 W. 86th Street Indianapolis, Indiana	150084	01/05/2004	IN	
St Paul Medical Center 5909 Harry Hines Boulevard Dallas, Texas	450044	12/10/2003	TX	
Strong Memorial Hospital 601 Elmwood Avenue Rochester, New York	330285	10/29/2003	NY	Joint Commission Certified on 06/18/2008
Tampa General Hospital 2 Columbia Drive Tampa, Florida	100128	11/26/2003	FL	
Temple University Hospital 3401 N. Broad Street Philadelphia, Pennsylvania	390027	11/03/2003	PA	
Tufts-New England Medical Center 750 Washington Street Boston, Massachusetts	220116	11/06/2003	MA	
UCLA Medical Center 10833 Le Conte Avenue Los Angeles, California	050262	12/10/2003	CA	

University Medical Center 1501 N. Campbell Avenue Tucson, Arizona	030064	10/29/2003	AZ	
University of Alabama at Birmingham Health System 500 22nd Street S Birmingham, Alabama	010033	10/29/2003	AL	
University of Colorado Hospital 4200 E. Ninth Avenue Denver, Colorado	060024	11/06/2003	CO	9th & Colorado Campus Joint Commission Certified on 07/23/2008
The University of Chicago Hospitals and Health System 5841 South Maryland Avenue Chicago, Illinois	140088	02/25/2004	IL	
University of Iowa Hospitals and Clinics 200 Hawkins Drive Iowa City, Iowa	160058	11/12/2003	IA	
University of Maryland Medical Center 22 S. Greene Street Baltimore, Maryland	210002	11/12/2003	MD	
University of Michigan Health System 1500 E. Medical Center Drive Ann Arbor, Michigan	230046	10/27/2003	MI	Joint Commission Certified on 03/28/2008
University of North Carolina Hospitals 101 Manning Drive Chapel Hill, North Carolina	340061	05/05/2004	NC	

University of Utah Hospital 50 N Medical Drive Salt Lake City, Utah	460009	12/22/2003	UT	
University of Virginia Health System 1215 Lee Street Charlottesville, Virginia	490009	01/12/2004	VA	
University of Washington Medical Center 1959 NE Pacific Street Seattle, Washington	500008	01/15/2004	WA	
University of Wisconsin Hospitals and Clinics 600 Highland Avenue Madison, Wisconsin	520098	12/03/2003	WI	
USC University Hospital 1500 San Pablo Los Angeles, California	050696	01/09/2004	CA	
UPMC Presbyterian 200 Lothrop Street Pittsburgh, Pennsylvania	390164	10/23/2003	PA	Joint Commission Certified on 06/11/2008
Virginia Commonwealth University Medical Center 401 North 12th Street Richmond, Virginia	490032	04/08/2004	VA	Medical College of Virginia Hospitals
Vanderbilt University Medical Center 1161 21st Avenue S Nashville, Tennessee	440039	10/28/2003	TN	
Ochsner Clinic Foundation 1514 Jefferson Highway New Orleans, Louisiana	190036	06/29/2004	LA	

Baylor University Medical Center 3500 Gaston Avenue Dallas, TX	N/A	10/04/2007	TX	Joint Commission Certified on 10/04/2007
The University of Michigan Hospitals and Health Centers 1500 East Medical Center Drive Ann Arbor, MI	230046	03/28/2008	MI	Joint Commission Certified on 03/28/2007
Saint Mary's Hospital 1216 Southwest Second Street Rochester, MN	N/A	02/27/2008	MIN	Joint Commission Certified on 02/27/2008
Allegheny General Hospital 320 East North Avenue Pittsburgh, PA	N/A	03/08/2008	PA	
Washington Hospital Center 110 Irving Street, NW Washington, DC	09-0011	04/23/2008	DC	Joint Commission Certified on 04/23/2008
Integris Baptist Medical Center 3300 Northwest Expressway Oklahoma City, OK	1831103654	08/13/2008	OK	Joint Commission Certified on 08/13/08
Mayo Clinic Hospital 5777 East Mayo Boulevard Phoenix, AZ	030103	02/27/2009	AZ	Joint Commission Certified on 02/27/09
Northwestern Memorial Hospital 251 E. Huron Street Chicago, IL	140281	03/17/2009	IL	Joint Commission Certified on 03/17/09
Lancaster General Hospital 555 North Duke Street Lancaster, PA	390100	05/20/2009	PA	Joint Commission certified on 05/20/09

Hartford Hospital 80 Seymour Street Hartford, CT	070025	05/29/2009	CT	Joint Commission certified on 05/29/09
Morristown Memorial Hospital 100 Madison Avenue Morristown, NJ	310015	06/17/09	NJ	Joint Commission certified on 6/17/09
Thomas Jefferson University Hospital 111 South 11th Street Philadelphia, PA	390174	08/05/09	PA	Joint Commission certified on 8/5/09
Emory University Hospital 1364 Clifton Road Atlanta, GA	110010	08/19/09	GA	Joint Commission certified on 8/19/09

Addendum XIV
Lung Volume Reduction Surgery (LVRS)
[July Through September 2009]

Three types of facilities are eligible for reimbursement for Lung Volume Reduction Surgery (LVRS): National Emphysema Treatment Trial (NETT) approved (Beginning 05/07/2007, these will no longer automatically qualify and can qualify only with the other programs), Credentialed by the Joint Commission (formerly, the Joint Commission on Accreditation of Healthcare Organizations (JCAHO)) under their Disease Specific Certification Program for LVRS, and Medicare approved for lung transplants. Only the first two types are in the list.

Facility name	Date approved	State	Type of Certification
Baylor College of Medicine Houston, Texas	N/A	TEXAS	NETT
Brigham and Women's Hospital Boston, MA	N/A	MASSACHUSETTS	NETT
Cedars-Sinai Medical Center Los Angeles, CA	N/A	CALIFORNIA	NETT
Chapman Medical Center Orange, CA	N/A	CALIFORNIA	NETT
Cleveland Clinic Foundation Cleveland, OH	N/A	OHIO	NETT

Columbia University New York, NY	N/A	NEW YORK	NETT
Duke University Medical Center Durham, NC	N/A	NORTH CAROLINA	NETT
Johns Hopkins Hospital Baltimore, MD	N/A	MARYLAND	NETT
Kaiser Foundation Hospital - Riverside Riverside, CA	09/20/2006	CALIFORNIA	Joint Commssion
Long Island Jewish Medical Center New Hyde Park, NY	N/A	NEW YORK	NETT
Mayo Clinic Rochester, MN	N/A	MINNESOTA	NETT
Memorial Medical Center Springfield, IL	12/13/2006	ILLINOIS	Joint Commssion
National Jewish Medical Center Denver, CO	N/A	COLORADO	NETT
The Ohio State University Hospital Columbus, OH	N/A	OHIO	Joint Commssion
Ohio State University Medical Center Columbus, OH	N/A	OHIO	NETT
Saint Louis University Saint Louis, MO	N/A	MISSOURI	NETT
Temple University Hospital Philadelphia, PA	08/23/2008	PENNSYLVANIA	Joint Commission
UCLA Medical Center Los Angeles, CA	N/A	CALIFORNIA	NETT
University of California, San Diego San Diego, CA	N/A	CALIFORNIA	NETT

University of Maryland Medical Center Baltimore, MD	N/A	MARYLAND	NETT
University of Michigan Medical Center Ann Arbor, MI	N/A	MICHIGAN	Joint Commission
University of Pennsylvania Philadelphia, PA	N/A	PENNSYLVANIA	NETT
University of Pittsburgh Pittsburgh, PA	N/A	PENNSYLVANIA	NETT
University of Washington Seattle, WA	N/A	WASHINGTON	NETT
Washington University/Barnes Hospital Saint Louis, MO	N/A	MISSOURI	Joint Commission
Allegheny General Hospital Pittsburgh, PA	04/23/2008	PENNSYLVANIA	Joint Commission

Addendum XV—Medicare-Approved Bariatric Surgery Facilities

On February 21, 2006, we issued our decision memorandum on bariatric surgery procedures. We determined that bariatric surgical procedures are reasonable and necessary for Medicare beneficiaries who have a body-mass index (BMI) greater than or equal to 35, have at least one co-morbidity related to obesity, and have been previously unsuccessful with medical treatment for obesity.

This decision also stipulated that covered bariatric surgery procedures are reasonable and necessary only when performed at facilities that are: (1) certified by the American College of Surgeons (ACS) as a Level 1 Bariatric Surgery Center (program standards and requirements in effect on February 15, 2006); or (2) certified by the American Society for Bariatric Surgery (ASBS) as a Bariatric Surgery Center of Excellence (BSCOE) (program standards and requirements in effect on February 15, 2006).

The following facilities have met our minimum facility standards for bariatric surgery and have been certified by American College of Surgeons (ACS) or American Society for Metabolic and Bariatric Surgery (ASMBS).

Facility Name	Provider Number	Date Approved	State	Other Information
Evanston Northwestern Hospital 2650 Ridge Avenue Suite 1308 Evanston, IL 60201	140010	01/26/2006	IL	ACS
Chapman Medical Center 2601 East Chapman Avenue Orange, CA 92646	05-0745	02/21/2006	CA	ASMBS
St Vincent Carmel Hospital 13430 Old Meridian Street Suite 168 Carmel, IN 46032	15-0157	02/21/2006	IN	ASMBS
Abbott Northwestern Hospital 800 E. 28th Street Minneapolis, MN 55407	N/A	02/24/2006	MN	ASMBS
Alexian Brothers Medical Center 800 Biesterfield Road Elk Grove Village, IL 60007	N/A	02/24/2006	IL	ASMBS
American Bariatric Institute at Doctors' Hospital 1130 Louisiana Avenue Shreveport, LA 71101	N/A	02/24/2006	LA	ASMBS
Arnot Ogden Medical Center 600 Fitch Street Elmira, NY 14905	330090	02/24/2006	NY	ASMBS

AtlantiCare Regional Medical Center 2500 English Creek Avenue Egg Harbor Township, NJ 08234	N/A	02/24/2006	NJ	Center for Surgical Weight Loss and Wellness Salartash Surgical Associates ASMBS
Atlanta Medical Center 303 Parkway Drive NE Atlanta, GA 30312	N/A	02/24/2006	GA	ASMBS
Aurora Sinai Medical Center 945 N. 12th Street Milwaukee, WI 53211	N/A	02/24/2006	WI	ASMBS
Baptist Memorial Hospital North Mississippi 2301 South Lamar Boulevard Oxford, MS 38655	N/A	02/24/2006	MS	ASMBS
Bellin Health 215 N. Webster Avenue Green Bay, WI 54301	N/A	02/24/2006	WI	ASMBS
Bon Secours Community Hospital 160 E. Main Street Port Jervis, NY 12771	N/A	02/24/2006	NY	ASMBS
California Pacific Medical Center 2333 Buchanan Street San Francisco, CA 94115	N/A	02/24/2006	CA	ASMBS
Cape Fear Valley Health System 1638 Owen Drive Fayetteville, NC 28304	N/A	02/24/2006	NC	ASMBS
Centennial Center for the Treatment of Obesity 2300 Patterson Street Nashville, TN 37203	N/A	02/24/2006	TN	ASMBS

Cleveland Clinic Hospital- Weston 3100 Weston Road Weston, FL 33331	N/A	02/24/2006	FL	ASMBS
Christus Schumpert Health System 1 Saint Mary Place Shreveport, LA 71101	N/A	02/24/2006	LA	ASMBS
Citizen's Bariatric Center 2701 Hospital Avenue Victoria, TX 77901	N/A	02/24/2006	TX	ASMBS
Columbia-St. Mary's Bariatric Center 2025 E. Newport Avenue Milwaukee, WI 53211	N/A	02/24/2006	WI	ASMBS
Community Hospital Monterey Peninsula 23625 Holman Highway Monterey, CA 93940	N/A	02/24/2006	CA	ASMBS
Crestwood Medical Center One Hospital Drive Huntsville, AL 35801	N/A	02/24/2006	AL	ASMBS
Cypress Fairbanks Medical Center Hospital 10655 Steepletop Drive Houston, TX 77065	450716	02/24/2006	TX	ASMBS
Danbury Hospital 24 Hospital Avenue Danbury, CT 06810	N/A	02/24/2006	CT	ACS
East Texas Medical Center 1000 S. Beckman Avenue Tyler, TX 75701	N/A	02/24/2006	TX	ASMBS

Eastern Maine Medical Center 905 Union Street EMH Mall Suite 11 Bangor, ME 04401	200033	02/24/2006	ME	ASMBS
Elmbrook Memorial Hospital 19333 W. North Avenue Brookfield, WI 53045	N/A	02/24/2006	WI	ASMBS
Emory Dunwoody Medical Center 4575 N. Shallowford Road Atlanta, GA 30338	N/A	02/24/2006	GA	ASMBS
Florida Hospital Celebration Health 400 Celebration Place Kissimmee, FL 34747	N/A	02/24/2006	FL	ASMBS
Florida Medical Center 4850 W. Oakland Boulevard Lauderdale Lakes, FL 33313	N/A	02/24/2006	FL	ASMBS
Froedtert Memorial Lutheran Hospital 9200 W. Wisconsin Avenue Milwaukee, WI 53226	N/A	02/24/2006	WI	Medical College of Wisconsin ASMBS
Frye Regional Medical Center 420 N. Center Street Hickory, NC 28601	N/A	02/24/2006	NC	ASMBS
Geisinger Medical Center 100 North Academy Avenue Danville, PA 17822	390006	N/A	PA	ASMBS- 02/24/2006 ACS-01/26/2007
Good Samaritan Hospital 375 Dixmyth Avenue Cincinnati, OH 45220	N/A	02/24/2006	OH	ASMBS

Grandview Medical Center 405 Grand Avenue Dayton, OH 45405	N/A	02/24/2006	OH	ASMBS
Greater Baltimore Medical Center 6701 N. Charles Street Baltimore, MD 21204	N/A	02/24/2006	MD	ASMBS
Hamilton Medical Center 1200 Memorial Drive Dalton, GA 30720	N/A	02/24/2006	GA	ASMBS
Hennepin County Medical Center 701 Park Avenue Minneapolis, MN 55415	N/A	02/24/2006	MN	ASMBS
Holy Cross Hospital 4725 N. Federal Highway Fort Lauderdale, FL 33308	N/A	02/24/2006	FL	ASMBS
Hospital of Saint Raphael 1450 Chapel Street New Haven, CT 06511	N/A	02/24/2006	CT	ASMBS
Huntington Memorial Hospital 100 W. California Boulevard Pasadena, CA 91105	N/A	02/24/2006	CA	ASMBS
Jupiter Medical Center 1210 S. Old Dixie Highway Jupiter, FL 33458	N/A	02/24/2006	FL	ASMBS
King's Daughters Medical Center 617 23rd Street Ashland, KY 41101	N/A	02/24/2006	KY	ASMBS

Legacy Good Samaritan Hospital and Medical Center 1015 NW 22nd Avenue Portland, OR 97210	N/A	02/24/2006	OR	ASMBS
Lexington Medical Center 2720 Sunset Boulevard West Columbia, SC 29169	N/A	02/24/2006	SC	ASMBS
Little Company of Mary 2800 W. 95th Street Evergreen Park, IL 60805	N/A	02/24/2006	IL	ASMBS
Lutheran Medical Center 150 55th Street Brooklyn, NY 11220	29D361	02/24/2006	NY	ACS
Medical University of South Carolina 171 Ashley Avenue Charleston, SC 29425	N/A	02/24/2006	SC	ASMBS
Memorial Hermann Hospital 6411 Fannin Street Houston, TX 77030	N/A	02/24/2006	TX	ASMBS
Memorial Hospital 2525 DeSales Avenue Chattanooga, TN 37404	N/A	02/24/2006	TN	ASMBS
Mercy Hospital Miami 3663 South Miami Avenue Miami, FL 33133	N/A	02/24/2006	FL	ASMBS
Mercy San Juan Medical Center 6501 Coyle Avenue Carmichael, CA 95608	N/A	02/24/2006	CA	ASMBS

Metabolic Surgery Center at Baptist Hospital 2011 Church Street Nashville, TN 37203	N/A	02/24/2006	TN	ASMBS
Methodist Dallas Medical Center PO Box 655999 Dallas, TX 75265-5999	N/A	02/24/2006	TX	Texas Bariatric Center ASMBS
Methodist Healthcare System 8109 Fredricksburg Road San Antonio, TX 78229	N/A	02/24/2006	TX	ASMBS
Methodist Hospital 6500 Excelsior Boulevard Saint Louis Park, MN 55426	N/A	02/24/2006	MN	ASMBS
Middlesex Hospital 28 Crescent Street Middletown, CT 06457	N/A	02/24/2006	CT	ASMBS
Methodist Hospital of Southern California 300 West Huntington Drive Arcadia, CA 91007	N/A	02/24/2006	CA	ASMBS
Mills-Peninsula Health Services 1783 El Camino Real Burlingame, CA 94010	N/A	02/24/2006	CA	ASMBS
New Hanover Regional Medical Center 2131 S. 17th Street Wilmington, NC 28401	N/A	02/24/2006	NC	ASMBS

New York Methodist Hospital 506 Sixth Street Brooklyn, NY 11215	N/A	02/24/2006	NY	ASMBS
North Hills Hospital 4401 Booth Calloway Road North Richland Hills, TX 76180	N/A	02/24/2006	TX	ASMBS
North Colorado Medical Center 1801 16th Street Greeley, CO 80631	N/A	02/24/2006	CO	ASMBS
North Vista Hospital 1409 E. Lake Mead Boulevard North Las Vegas, NV 89101	N/A	02/24/2006	NV	ASMBS
Northeast Georgia Health System, Inc. 743 Spring Street NE Gainesville, GA 30501	N/A	02/24/2006	GA	ASMBS
NorthEast Medical Center 920 Church Street N. #302E Concord, NC 28025	N/A	02/24/2006	NC	ASMBS
Northwestern Memorial Hospital 215 E. Huron Street, NE Chicago, IL 60611	N/A	02/24/2006	IL	Northwestern Medical Faculty Foundation ASMBS
Ocala Regional Medical Center 1431 SW 1st Street Ocala, FL 34474	N/A	02/24/2006	FL	ASMBS
Palms of Pasadena Hospital 1501 Pasadena Avenue St. Petersburg, FL 33707	N/A	02/24/2006	FL	ASMBS
Orange Coast Memorial Medical Center 9920 Talbert Avenue Fountain Valley, CA 92708	N/A	02/24/2006	CA	ASMBS
Parkwest Medical Center 9352 Park West Boulevard Knoxville, TN 37923	N/A	02/24/2006	TN	ASMBS

Penrose-St. Francis Health Services 825 E. Pikes Peak Avenue Colorado Springs, CO 80917	N/A	02/24/2006	CO	ASMBS
Poudre Valley Hospital 1024 S. Lemay Avenue Fort Collins, CO 80524	N/A	02/24/2006	CO	ASMBS
Presbyterian-St. Luke's Medical Center 1719 E. 19th Avenue Denver, CO 80218	N/A	02/24/2006	CO	ASMBS
Princeton HealthCare System 253 Witherspoon Street Princeton, NJ 08540	N/A	02/24/2006	NJ	ASMBS
Roger Williams Medical Center 825 Chalkstone Avenue Providence, RI 02908	N/A	02/24/2006	RI	Drs. Lentricchia & Pohl, Inc. ASMBS
Rose Medical Center 4545 E. 9th Avenue, #470 Denver, CO 80220	N/A	02/24/2006	CO	ASMBS
Saint Barnabas Medical Center 94 Old Short Hills Road Livingston, NJ 07039	N/A	02/24/2006	NJ	ASMBS
Saint Francis Hospital 5959 Park Avenue Memphis, TN 38119	N/A	02/24/2006	TN	ASMBS
St. Francis Hospital - Franciscan Health System 34515 Ninth Avenue S. Federal Way, WA 98003	N/A	02/24/2006	WA	N/A
Saint Joseph East Center for Weight Loss 160 N. Eagle Creek Drive Lexington, KY 40509	N/A	02/24/2006	KY	ASMBS

Saint Mary's Regional Medical Center 234 W. 6th Street Reno, NV 89503	N/A	02/24/2006	NV	ASMBS
Saint Mary's Hospital 5801 Bremono Road Richmond, VA 23226	N/A	02/24/2006	VA	ASMBS
Scottsdale Healthcare Shea Campus 900 E. Shea Boulevard Scottsdale, AR 85260	N/A	02/24/2006	AZ	ASMBS
Scripps Memorial 9888 Genesee Avenue La Jolla, CA 90237	N/A	02/24/2006	CA	ASMBS
Scripps Mercy Hospital 4077 Fifth Avenue San Diego, CA 92103	N/A	02/24/2006	CA	ASMBS
Sentara Careplex Hospital 3000 Coliseum Drive Hampton, VA 23666	N/A	02/24/2006	VA	ASMBS
Sinai Hospital of Baltimore 2401 W. Belvedere Avenue Baltimore, MD 21215	N/A	02/24/2006	MD	Sinai Surgical Associates ASMBS
Sisters of Charity Hospital 2130 Main Street Buffalo, NY 14214	N/A	02/24/2006	NY	ASMBS
Sioux Valley Hospital USD Medical Center 1305 W. 18th Street Sioux Falls, SD 57105	N/A	02/24/2006	SD	ASMBS
Sound Shore Medical Center of Westchester 16 Guion Place New Rochelle, NY 10801	N/A	02/24/2006	NY	ASMBS

South Nassau Communities Hospital 1 Healthy Way Oceanside, NY 11572	N/A	02/24/2006	NY	ASMBS
Southwest Healthcare System 36485 Inland Valley Drive Wildomar, CA 92595	N/A	02/24/2006	CA	ASMBS
Southwest Medical Center 2810 Ambassador Caffery Parkway Lafayette, LA 70506	N/A	02/24/2006	LA	ASMBS
Spectrum Health Blodgett Campus 1840 Wealthy Street, SE Grand Rapids, MI 49506	N/A	02/24/2006	MI	MMPC Center for Health Excellence ASMBS
SSM DePaul Health Center 12303 DePaul Avenue Bridgeton, MO 63044	N/A	02/24/2006	MO	ASMBS
St. Joseph's Area Health Services 600 Pleasant Avenue Park Rapids, MN 56470	N/A	02/24/2006	MN	ASMBS
St. Vincent Charity Hospital 2322 E. 22nd Street #220 Cleveland, OH 44115	N/A	02/24/2006	OH	ASMBS
Staten Island University Hospital 475 Seaview Avenue Staten Island, NY 10305	N/A	02/24/2006	NY	ASMBS
Theda Clark Medical Center 200 Theda Clark Medical Plaza Suite 410 Neenah, WI 54956	000071445	02/24/2006	WI	ACS

The Ohio State University Hospital 410 W. 10th Avenue Columbus, OH 43210	N/A	02/24/2006	OH	ASMBS
The Regional Medical Center at Memphis 877 Jefferson Avenue Memphis, TN 38103	N/A	02/24/2006	TN	ASMBS
Tri-City Regional Medical Center 21530 Pioneer Boulevard Hawaiian Gardens, CA 90716	N/A	02/24/2006	CA	ASMBS
United Hospital 333 North Smith Avenue Saint Paul, MN 55102	N/A	02/24/2006	MN	ASMBS
United Regional Health Care System 1600 19th Street Wichita Falls, TX 76301	N/A	02/24/2006	TX	ASMBS
Unity Hospital 550 Osborne Road, NE Fridley, MN 55432	N/A	02/24/2006	MN	ASMBS
University of Chicago Hospitals 5841 S. Maryland Avenue Chicago, IL 60637	N/A	02/24/2006	IL	University of Chicago Department of Surgery ASMBS
University of Minnesota Medical Center, Fairview 2450 Riverside Avenue Minneapolis, MN 55454	24-0080	02/24/2006	MN	ASMBS
UPMC St. Margaret 815 Freeport Road Pittsburgh, PA 15215	N/A	02/24/2006	PA	ASMBS
UPMC Horizon 110 North Main Street Greenville, PA 16125	N/A	02/24/2006	PA	ASMBS

Virginia Commonwealth University Medical Center Richmond, VA 23284	N/A	02/24/2006	VA	ASMBS
Vanderbilt University Medical Center 1211 22nd Avenue S. Nashville, TN 37232	N/A	02/24/2006	TN	ASMBS
Weight Loss Surgery Program at Baylor 9101 N. Central Expressway Suite 370 Dallas, TX 75231	N/A	02/24/2006	TX	ASMBS
Wellstar Health Systems 677 Church Street, NE Marietta, GA 30060	N/A	02/24/2006	GA	ASMBS
White Plains Hospital Center 190 E. Post Road White Plains, NY 10601	N/A	02/24/2006	NY	ASMBS
York Hospital 1001 S. George Street York, PA 17403	N/A	02/24/2006	PA	ASMBS
Norman Regional Hospital 901 North Porter, Box 1308 Norman, OK 73070	370008	03/22/2006	OK	ASMBS
St. Luke's Medical Center 1800 E. Van Buren Suite 307B Phoenix, AZ 85006	030037	03/22/2006	AZ	Abdominal Surgeons, Ltd. ASMBS
Silver Cross Hospital 1200 Maple Road Joliet, IL 60432	140213	03/22/2006	IL	Midwest Comprehensive Bariatrics ASMBS
Tampa General Hospital 2 Columbia Drive, F145 Tampa, FL 33601	100128	03/22/2006	FL	University of South Florida ASMBS

Spartanburg Regional Healthcare System 101 East Wood Street Spartanburg, SC 29303	420007	03/27/2006	SC	ASMBS
OSF Saint Francis Medical Center 530 NE Glen Oak Avenue Peoria, IL 61637	140067	04/05/2006	IL	ASMBS
Palmetto Health Baptist 1850 Laurel Street, Suite 1A Columbia, SC 29201	420086	04/05/2006	SC	ASMBS
Peconic Bay Medical Center 1300 Roanoke Avenue Riverhead, NY 11901	330107	04/06/2006	NY	ASMBS
Desert Springs Hospital 2075 East Flamingo Las Vegas, NV 89119	290022	04/07/2006	NV	ASMBS
Palmetto General Hospital 2001 West 68th Street Hialeah, FL 33016	100187	04/11/2006	FL	ASMBS
Hurley Medical Center One Hurley Plaza Flint, MI 48503-5993	230132	04/14/2006	MI	ACS
University of California, Davis 2315 Stockton Boulevard Sacramento, CA 95817	N/A	04/18/2006	CA	ASMBS
Russell County Medical Carroll and Tate Streets Lebanon, VA 24266	N/A	04/27/2006	VA	ASMBS
Western Pennsylvania Hospital 4800 Friendship Avenue Pittsburgh, PA 15224	028672	N/A	PA	ASMBS- 05/01/2006 ACS-10/16/2006
Banner Good Samaritan Bariatric Center 1300 North 12th Street Suite 610 Phoenix, AZ 85006	N/A	05/04/2006	AZ	ASMBS

Bothwell Regional Health Center 601 East 14th Street Sedalia, MO 65301	N/A	05/17/2006	MO	ASMBS
Durham Regional Hospital 3643 N. Roxboro Road Durham, NC 27704	N/A	05/17/2006	NC	ASMBS
Fairview Southdale Hospital 6405 France Avenue Street Suite W320 Edina, MN 55435	N/A	05/17/2006	MN	ASMBS
Cleveland Clinic 9500 Euclid Avenue (A80) Cleveland, OH 44195	360180	N/A	OH	05/24/2006- ASMBS 12/01/2006-ACS
St. Agnes Healthcare 900 Caton Avenue Baltimore, MD 21229	210011	05/24/2006	MD	ASMBS
Sycamore Hospital 2150 Leiter Road Miamisburg, OH 45342	360239	05/24/2006	OH	ASMBS
Albany Medical Center 47 New Scotland Avenue Albany, NY 12208	330013	06/02/2006	NY	ACS
Georgetown Community Hospital 1140 Lexington Road Georgetown, KY 40324	180101	06/07/2006	KY	ASMBS
Fletcher Allen Health Care 111 Colchester Avenue Burlington, VT 05401	N/A	06/09/2006	VT	Hospital: 470003 Group Provider: VN0997 ACS
New York-Presbyterian Hospital/Columbia University Medical Center 622 W. 168th Street New York, NY 10032	330101	06/14/2006	NY	ACS

Providence Memorial Hospital 2001 North Oregon Street El Paso, TX 79902	450668	06/15/2006	TX	ASMBS
UT Southwestern University Hospitals-Zale Lipshy 5909 Harry Hines Boulevard Dallas, TX 75390	450766	06/19/2006	TX	ASMBS
Cedars-Sinai Medical Center 8700 Beverly Boulevard Los Angeles, CA 90048	N/A	06/20/2006	CA	Thalians-2W ACS
Community Medical Center- Clovis 2755 Herndon Avenue Clovis, CA 93611	050492	N/A	CA	ACS-06/26/2006 ASMBS- 12/07/2006
Oregon Health & Science University 3181 SW Sam Jackson Park Road L223A Portland, OR 97239	See other information	06/27/2006	OR	OHSU Medical Group-107708 OHSU Hospital- 380009 ACS
Hospital of the University of Pennsylvania 3400 Spruce Street, 4 Silverstein Philadelphia, PA 19104	N/A	07/06/2006	PA	ASMBS
Swedish Medical Center 501 East Hampden Avenue Englewood, CO 80113	060034	07/06/2006	CO	ASMBS
Blount Memorial Hospital 907 East Lamar Alexander Parkway Maryville, TN 37801	440011	07/11/2006	TN	ASMBS
University of Virginia Health System PO Box 800809 Charlottesville, VA 22908-0809	490009	07/12/2006	VA	ACS

Sewickley Valley Hospital 720 Blackburn Road Sewickley, PA 15143	390037	07/13/2006	PA	ASMBS
The Christ Hospital 2139 Auburn Avenue Cincinnati, OH 45219	360163	07/17/2006	OH	ASMBS
Cabell Huntington Hospital 1340 Hal Greer Boulevard Huntington, WV 25701	510055	07/19/2006	WV	ASMBS
Mount Sinai Hospital One Gustave L. Levy Place 1190 5th Avenue New York, NY 10029	330024	07/25/2006	NY	ASMBS
UMass Memorial Medical Center-Memorial Campus 119 Belmont Street Worcester, MA, 01605	A22819	07/27/2006	MA	ACS
Henry Ford Hospital 2799 West Grand Boulevard Detroit, MI 48202	N/A	07/31/2006	MI	ASMMBS
Vista Surgical Hospital 9094 Perkins Road Suite B Baton Rouge, LA 70810	230053	07/31/2006	LA	ASMBS
Town & Country Hospital 6001 Webb Road Tampa, FL 33615	100255	08/02/2006	FL	ASMBS
New York-Presbyterian Hospital/Weill Cornell Medical Center 630 West 168th Street New York, NY 10032	330101	08/04/2006	NY	ACS

Centinela Freeman Regional Medical Center 4650 Lincoln Boulevard Marin del Rey, CA 90292	050741	08/07/2006	CA	ASMBS
NYU Medical Center 560 First Avenue New York, NY 10016	330214	08/08/2006	NY	ASMBS
Regional West Medical Center 4021 Avenue B Scottsbluff, NE 69361	280061	08/08/2006	NE	ASMBS
Mercy Medical Center 1000 North Village Avenue Rockville Centre, NY 11570	N/A	08/10/2006	NY	ASMBS
Brigham and Women's Hospital 75 Francis Street Boston, MA 02115-6195	M20830	08/14/2006	MA	ACS
St. Catherine of Sienna Medical Center 48 Route 25A Smithtown, NY 11787	316495	08/28/2006	NY	ASMBS
Highland Hospital 1000 South Avenue Rochester, NY 14620	330164	08/30/2006	NY	ACS
Inova Fair Oaks Hospital 3600 Joseph Siewick Drive Fairfax, VA 22033	490101	08/31/2006	VA	ASMBS
Our Lady of Lourdes Medical Center 1600 Haddon Avenue Camden, NJ 08104	613039	08/31/2006	NJ	ASMBS

FirstHealth Moore Regional Hospital 155 Memorial Drive Pinehurst, NC 27374	340115	09/01/2006	NC	ASMBS
Hamot Medical Center 201 State Street Erie, PA 16550	390063	09/01/2006	PA	ASMBS
St. Alexius Hospital - NewStart 3933 South Broadway Street St. Louis, MO 63118	260210	09/01/2006	MO	ASMBS
St. Catherine of Siena Medical Center 50 Route 25A Smithtown, NY 11787	316495	09/01/2006	NY	ASMBS
Barnes Jewish Hospital One Barnes-Jewish Hospital Plaza St. Louis, MO 63110	260032	09/06/2006	MO	ASMBS
Baptist Memorial Hospital Memphis 6025 Walnut Grove Road Memphis, TN 38120	440048	09/07/2006	TN	ASMBS
Norwalk Hospital 24 Stevens Street Norwalk, CT 06856	070034	09/07/2006	CT	ASMBS
North Shore University Hospital at Manhasset 300 Community Drive Manhasset, NY 11530	330106	09/08/2006	NY	ASMBS

St. Vincent's Medical Center 2800 Main Street Bridgeport, CT 06606	070028	09/08/2006	CT	Level 3- Department of Surgery ASMBS
Faxton-St. Luke's Healthcare 1656 Champlin Avenue Utica, NY 13503	330044	09/14/2006	NY	ASMBS
St. Joseph's Hospital 69 West Exchange St. Paul, MN 55102	N/A	09/14/2006	MN	ASMBS
Johns Hopkins Bayview Medical Center 4940 Eastern Avenue Baltimore, MD 21224	210029	09/15/2006	MD	ASMBS
University Hospitals of Cleveland 11100 Euclid Avenue Cleveland, OH 44106	N/A	09/15/2006	OH	ASMBS
Yale-New Haven Hospital 20 York Street New Haven, CT 06510	070022	09/20/2006	CT	ASMBS
Avera McKennan Hospital 800 East 21st Street, Box 5045 Sioux Falls, SD 57117-5045	430016	09/25/2006	SD	ASMBS
Memorial Hospital Jacksonville 3625 University Boulevard South Jacksonville, FL 32216	100179	09/26/2006	FL	ASMBS
Fountain Valley Regional Hospital 17100 Euclid Street Fountain Valley, CA 92708	050570	09/27/2006	CA	ASMBS
Sentara Norfolk General Hospital 600 Gresham Drive Norfolk, VA 23507	4900073	09/29/2006	VA	ACS

St. Mary's Medical Center 450 Stanyan Street San Francisco, CA 94117	050457	10/02/2006	CA	ASMBS
Trinity Medical Center 800 Montclair Road Birmingham, AL 35213	010104	10/03/2006	AL	ASMBS
MeritCare Health System 720 4th Street North Fargo, ND 58122	350011	10/11/2006	ND	ASMBS
St. Lukes's/Roosevelt 1090 Amsterdam Avenue New York, NY 10025	330046	10/11/2006	NY	10th Floor ACS
Benefis Healthcare 1101 26th Street South Great Falls, MT 59405	270012	10/13/2006	MT	ASMBS
Mason General Hospital 901 Mountain View Drive Shelton, WA 98584	501336	10/13/2006	WA	ASMBS
Norton Hospital 200 East Chestnut Louisville, KY 40202	180088	10/16/2006	KY	ASMBS
Port Huron Hospital 1221 Pine Grove Avenue Port Huron, MI 48060	230216	10/16/2006	MI	ASMBS
Harper University Hospital 3990 John R. Street Detroit, MI 48201	230104	10/17/2006	MI	ASMBS
St. Luke Hospital 7380 Turfway Road Florence, KY 41042	180045	10/18/2006	KY	ASMBS
Twelve Oaks Medical Center Hospital 4200 Twelve Oaks Drive Houston, TX 77027	N/A	10/18/2006	TX	ASMBS
Cleveland Clinic Florida 3100 Weston Road Weston, FL 33331-3602	100289	10/19/2006	FL	ACS

Grinnell Regional Medical Center 210 Fourth Avenue Grinnell, IA 50112	N/A	10/19/2006	IA	Provider Numbers: Hospital: 160147, Surgical Group: 03108 ACS
Conway Medical Services 300 Singleton Ridge Road Conway, SC 29528	420049	10/11/2006	SC	ASMBS
Alta Bates Medical Center 350 Hawthorne Avenue Oakland, CA 94609	050043	10/23/2006	CA	ASMBS
Massachusetts General Hospital 55 Fruit Street Boston, MA 02114-2696	220071	10/23/2006	MA	ACS
Mayo Clinic-Saint Mary's Hospital 200 First Street SW Rochester, MN 55905	N/A	10/23/2006	MN	SMH: 24-0010 Part B General Medical: C01384 ACS
Saint Francis Hospital 6465 South Yale Avenue, #900 Tulsa, OK 74136	372308	10/23/2006	OK	ACS
Newton-Wellesley Hospital 2014 Washington Street Newton, MA 02462	220101	10/26/2006	MA	ACS
Mobile Infirmary Medical Center 5 Mobile Infirmary Circle Mobile, AL 36007	010113	10/27/2006	AL	ASMBS
Maine Medical Center 22 Bramhall Street Portland, ME 04102	200009	11/06/2006	ME	ASMBS
Magee Womens Hospital of UPMC 3000 Halket Street Pittsburgh, PA 15213	390114	11/13/2006	PA	ASMBS

Saint Francis Hospital and Medical Center 114 Woodland Street Hartford, CT 06105	070002	11/15/2006	CT	ASMBS
South Jersey Healthcare-Regional Medical Center 1505 West Sherman Avenue Vineland, NJ 08360	310032	11/20/2006	NJ	ASMBS
Overlook Hospital 99 Beauvoir Avenue Summit, NJ 07902	310051	11/21/2006	NJ	Nursing Administration Office ASMBS
Cedars Medical Center 1400 Northwest 12th Avenue Miami, FL 33136	100009	11/23/2006	FL	ASMBS
Memorial Hermann Memorial City Hospital 921 Gessner Road Houston, TX 77024	450610	11/27/2006	TX	ASMBS
Tufts-New England Medical Center 750 Washington Street Boston, MA 02111	220116	11/27/2006	MA	ASMBS
Allegheny General Hospital 320 East North Avenue Pittsburgh, PA 15212	390050	11/30/2006	PA	Fifth Floor, South Tower ASMBS
Northwest Medical Center 2801 North State Road 7 Margate, FL 33063	100189	11/30/2006	FL	ASMBS
Potomac Hospital 2300 Opitz Boulevard Woodbridge, VA 22191	490113	11/30/2006	VA	ASMBS
Baptist Health Medical Center - Little Rock 9601 I-630, Exit 7 Little Rock, AR 72205	040114	12/01/2006	AR	ASMBS

University of Washington Medical Center 1959 NE Pacific Street PO Box 356151 Seattle, WA 98195-6151	1326002049	12/05/2006	WA	ACS
St. Luke's Regional Medical Center 333 North 1st Street Suite 120 Boise, ID 83702	130006	12/06/2006	ID	ASMBS
University of Alabama at Birmingham Hospital 1530 3rd Avenue South Kracke Building 404 Birmingham, AL 35294-0016	010033	12/07/2006	AL	ACS
Hackensack University Medical Center 30 Prospect Avenue Hackensack, NJ 07601	310001	12/08/2006	NJ	ACS
Hialeah Hospital 651 East 25th Street Hialeah, FL 33013	100053	12/13/2006	FL	ASMBS
Sts. Mary and Elizabeth Hospital 1850 Bluegrass Avenue Louisville, KY 40215	180040	12/15/2006	KY	Bariatric Office ASMBS
Bon Secours Surgical Weight Loss-Maryview Medical Center 3636 High Street Portsmouth, VA 23707	490017	12/18/2006	VA	ASMBS
Pomerado Hospital 15615 Pomerado Road Poway, CA 92064	050636	12/18/2006	CA	ASMBS
Boston Medical Center 88 E. Newton Street D507-Department of Surgery Boston, MA 02118	220031	12/19/2006	MA	ACS

Medcenter One, Inc. 300 North 7th Street Bismarck, ND 58501	350015	12/19/2006	ND	ASMBS
Meriter Hospital 202 South Park Street Madison, WI 53715	520089	12/19/2006	WI	ASMBS
University of Wisconsin Hospital & Clinics 600 Highland Avenue Madison, WI 53792	520098	12/19/2006	WI	ASMBS
Women and Children's Hospital 4200 Nelson Road Lake Charles, LA 70605	190201	12/19/2006	LA	ASMBS
Mount Carmel West Hospital 793 West State Street Columbus, OH 43222	360035	12/20/2006	OH	ASMBS
Southcoast Hospitals Group- Tobey Hospital 43 High Street Wareham, MA 02571	220074	12/21/2006	MA	ASMBS
Carilion Roanoke Memorial Hospital 1906 Belleview Avenue Roanoke, VA 24014	N/A	12/26/2006	VA	ASMBS
Mercy General Health Partners 1500 Sherman Boulevard Muskegon, MI 49444	230004	12/26/2006	MI	ASMBS
Mountainside Hospital 1 Bay Avenue Montclair, NJ 07042	310054	12/26/2006	NJ	ASMBS
Park Plaza Hospital 1313 Hermann Drive Houston, TX 77004	450659	01/09/2007	TX	ASMBS

Renaissance Hospital Houston 2807 Little York Houston, TX 77093	450795	01/12/2007	TX	ASMBS
Penn State Milton S. Hershey Medical Center 500 University Drive Hershey, PA 17033	390256	01/18/2007	PA	ASMBS
Shawnee Mission Medical Center 9100 West 74th Street Shawnee Mission, KS 66204	170104	01/24/2007	KS	ASMBS
Morristown Memorial Hospital 100 Madison Avenue Morristown, NJ 07962	31-0015	01/25/2007	NJ	ACS
Alvarado Hospital 6655 Alvarado Road San Diego, CA 92120	050583	01/26/2007	CA	Alvarado Surgical Weight-Loss Program ASMBS
St. Francis Hospital 7th and Clayton Streets Wilmington, DE 19805	080003	01/29/2007	DE	ASMBS
Sacred Heart Medical Center 101 West 8th Avenue Spokane, WA 99220	500054	02/05/2007	WA	ASMBS
Ochsner Clinic Foundation 1514 Jefferson Highway New Orleans, LA 70121	190036	02/06/2007	LA	ASMBS
Northwest Specialty Hospital 1593 East Polston Avenue Post Falls, ID 83854	130066	02/07/2007	ID	ASMBS
Sacred Heart Hospital 421 Chew Street Allentown, PA 18102	390197	02/07/2007	PA	ASMBS
Rio Grande Regional Hospital 101 East Ridge Road McAllen, TX 78503	450711	02/12/2007	TX	ASMBS

Gundersen Lutheran Medical Center 1900 South Avenue La Crosse, WI 54601	520087	02/13/2007	WI	ASMBS
Kettering Medical Center 3535 Southern Boulevard Kettering, OH 45429	360079	02/16/2007	OH	ASMBS
Beth Israel Deaconess Medical Center 330 Brookline Avenue Boston, MA 02215	N/A	02/17/2006	MA	ACS
Shady Grove Adventist Hospital 9901 Medical Center Drive Rockville, MD 20850	210057	02/19/2007	MD	ASMBS
Pitt County Memorial Hospital 2100 Stantonsburg Road Greenville, NC 27835	340040	02/20/2007	NC	ASMBS
St. Cloud Hospital 1406 Sixth Avenue, North St. Cloud, MN 56303	240036	02/23/2007	MN	ASMBS
Virginia Mason Medical Center 1100 Ninth Avenue Seattle, WA 98101	500005	03/01/2007	WA	ASMBS
Southeast Georgia Health System 2415 Parkwood Drive Brunswick, GA 31520	110025	03/06/2007	GA	ASMBS
Baystate Medical Center 759 Chestnut Street Springfield, MA 01199	220077	03/13/2007	MA	ACS
PinnacleHealth Community Campus 4300 Londonderry Road c/o PO Box 8700 Harrisburg, PA 17109	390067	03/29/2007	PA	ASMBS

The Valley Hospital 223 North Van Dien Avenue Ridgewood, NJ 07450	310012	03/30/2007	NJ	ASMBS
Charleston Area Medical Center 800 Pennsylvania Avenue Charleston, WV 25302	510022	04/16/2007	WV	ASMBS
Presbyterian Hospital of Dallas 8200 Walnut Hill Lane Dallas, TX 75231	450462	04/16/2007	TX	ASMBS
Dekalb Medical Center 2701 North Decatur Road Decatur, GA 30033	110076	04/26/2007	GA	ASMBS
St. Francis Health Center 1700 SW 7th Street Topeka, KS 66606	170016	04/26/2007	KS	ASMBS
St. Mark's Hospital 1200 East 3900 South Salt Lake City, UT 84124	47007	04/26/2007	UT	ASMBS
Faulkner Hospital 1153 Centre Street Boston, MA 02130	220119	04/27/2007	MA	ACS
George Washington University Hospital 9000 23rd Street NW Washington, DC 20037	090001	08/14/2006	DC	ASMBS

William Beaumont Hospital – Royal Oak 3601 West Thirteen Mile Road Royal Oak, MI 48073-6769	230130	04/20/2007	MI	ACS
University Medical Center at Princeton 253 Witherspoon Street Princeton, NJ 08542	N/A	02/24/2006	NJ	ASMBS
Del Sol Medical Center 10201 Gateway West Suite 130 El Paso, TX 79925	45-0646	05/03/2007	TX	ACS
Winchester Hospital 41 Highland Avenue Winchester, MA 01890	220105	05/31/2007	MA	ASMBS
Lawrence Memorial Hospital – Hallmark Health System 170 Governors Avenue Medford, MA 02155	220070	05/31/2007	MA	ASMBS
The Methodist Hospital 6565 Fannin, NB1-001 Houston, TX 77030	450358	03/22/2007	TX	ACS
ValleyCare Health System 1111 East Stanley Boulevard Livermore, CA 94550	050283	06/07/2007	CA	ASMBS
The Presbyterian Hospital 200 Hawthorne Lane Charlotte, NC 28204	340053	06/06/2007	NC	ASMBS
Nix Hospital 414 Navarro Street San Antonio, TX 78205	450130	06/08/2007	TX	ASMBS

Huntsville Hospital 101 Sivley Road Huntsville, AL 35801	010039	05/11/2007	AL	ASMBS
The Jewish Hospital 4777 Galbraith Road Cincinnati, OH 45236	360016	06/07/2007	OH	ASMBS
UCI Medical Center 101 The City Drive South Orange, CA 92868	050348	05/25/2007	CA	ACS
Kaiser Permanente Medical Center Richmond 901 Nevin Avenue Richmond, CA 94801	050075	05/24/2007	CA	ACS
Green Hospital 12395 El Camino Real San Diego, CA 92130	050424	06/21/2007	CA	ASMBS
Sutter Roseville Medical Center One Medical Plaza Roseville, CA 95661	050309	06/22/2007	CA	ASMBS
Munroe Regional Medical Center 1500 Southwest 1st Avenue Ocala, FL 34471	100062	06/05/2007	FL	ASMBS
Enloe Medical Center 251 Cohasset Road Chico, CA 95926	050039	06/11/2007	CA	ASMBS
St. Francis Hospital & Health Centers 1600 Albany Street Beech Grove, IN 46107	150033	06/15/2007	IN	ASMBS
Southern Surgical Hospital 1700 West Lindberg Drive Slidell, LA 70458	190270	06/21/2007	LA	ASMBS

Creighton University Medical Center 601 North 30th Street Omaha, NE 68131	280030	06/20/2007	NE	ASMBS
Peninsula Regional Medical Center 100 East Carroll Street Salisbury, MD 21801	210019	06/20/2007	MD	ASMBS
Wadley Regional Medical Center 1000 Pine Street Texarkana, TX 75501	450200	06/08/2007	TX	ASMBS
Vista Medical Center Hospital 4301 Vista Road Pasadena, TX 77504	450831	06/22/2007	TX	ASMBS
St. David's Medical Center 919 East 32nd Street Austin, TX 78705	450531	06/22/2007	TX	ASMBS
Sanford USD Medical Center 1305 West 18th Street Sioux Falls, SD 57117	430027	01/17/2006	SD	ASMBS
Weight Loss Surgery Program at Baylor 3600 Gaston Avenue Suite 360 Wadley Tower Dallas, TX 75246	N/A	06/20/2007	TX	ASMBS
Shelby Baptist Medical Center 1000 First Street N. Alabaster, AL 35007	010016	05/18/2007	AL	ACS
Lehigh Valley Hospital and Health Network Cedar Crest & I-78 PO Box 689 Allentown, PA 18105-1556	390133	05/29/2007	PA	ACS
West Hills Hospital 7300 Medical Center Drive West Hills, CA 91307	050481	06/27/2007	CA	ASMBS

Adirondack Medical Center 2233 State Route 86 Saranack Lake, NY 12983	330079	06/26/2007	NY	ASMBS
Middletown Regional Hospital 105 McKnight Drive Middletown, OH 45044	360076	06/25/2007	OH	ASMBS
Kaleida Health, Buffalo General 100 High Street Buffalo, NY 14203	300005	06/25/2007	NY	ASMBS
Miami Valley Hospital One Wyoming Street Dayton, OH 45409	N/A	06/25/2007	OH	ASMBS
Minimally Invasive Surgery Hospital 11217 Lakeview Avenue Lenexa, KS 66219	N/A	06/25/2007	KS	ASMBS
Saint Agnes Medical Center 1303 E. Herndon Avenue Fresno, CA 93720	05-0093	07/24/2007	CA	ASMBS
Sartori Memorial Hospital 515 College Street Cedar Falls, IA 50613	160040	07/17/2007	IA	ASMBS
Maimonides Medical Center 948 48th Street, 2nd floor Brooklyn, NY 11219	33-0194	07/10/2007	NY	ASMBS
Westchester Medical Center 95 Grasslands Road Valhalla, NY 10595	330234	07/17/2007	NY	ASMBS
Deaconess Hospital 311 Straight Street Cincinnati, OH 45219	36-0038	07/17/2007	OH	ASMBS

Northern Ohio Bariatric Center at Parma Hospital 6305 Powers Boulevard Parma, OH 44129	360041	07/10/2007	OH	ASMBS
Einstein at Elkins Park 60 E. Township Line Road Elkins Park, PA 19027	390142	07/10/2007	PA	ASMBS
Lahey Clinic Medical Center 41 Mall Road Burlington, MA 01805	220171	06/22/2007	MA	ACS
St. Francis Hospital 34515 Ninth Ave South Federal Way, WA 98003	500141	07/26/2007	WA	ACS
California Foundation for Health 1401 Garces Highway Delano, CA 93215	050608	07/10/2007	CA	d.b.a. Delano Regional Medical Center; ASMBS
Northeast Alabama Regional Medical Center 400 East 10th Street Anniston, AL 36207	010078	07/30/2007	AL	ASMBS
Trinity Medical Center 4343 N. Josey Lane Carrollton, TX 75010	45-0730	07/30/2007	TX	ASMBS
Gratiot Medical Center 300 E. Warwick Drive Alma, MI 48801	23-0030	07/30/2007	MI	ASMBS
Cuyuna Regional Medical Center 320 East Main Street Crosby, MN 56441	241353	08/20/2007	MN	ASMBS
Valley Medical Center 400 South 43rd Street Renton, WA 98055	500088	07/30/2007	WA	ASMBS

Renaissance Hospital Dallas 427 W. 20th Street Suite 300 Houston, TX 77008	670002	08/08/2007	TX	ASMBS
UPMC Presbyterian Shadyside 5230 Centre Avenue Pittsburgh, PA 15232	39-0114	08/20/2007	PA	ASMBS
Clarian North Medical Center 6625 Network Way Suite 100 Indianapolis, IN 46202	15-0161	08/20/2007	IN	ASMBS
Genesis Medical Center 1227 East Rusholme Street Davenport, IA 52803	160033	08/08/2007	IA	ASMBS
University General Hospital 7501 Fannin Street Houston, TX 77054	670019	08/08/2007	TX	ASMBS
Ellis Hospital 1101 Nott Street Schenectaday, NY 12308	330153	06/19/2007	NY	ASMBS
University of Texas Medical Branch 301 University Boulevard Galveston, TX 77555-1168	450018	08/16/2007	TX	ACS
UPMC Presbyterian Shadyside 5230 Centre Avenue Pittsburgh, PA 15232	39-0114	08/20/2007	PA	ABMS
Christiana Care Health Services 4755 Ogletown - Stanton Road Newark, DE 19718	080001	08/29/2007	DE	ASMBS
Stanford Hospital and Clinics 300 Pasteur Drive Stanford, CA 94305	050441	09/13/2007	CA	ACS

Summa Health Systems Hospital 95 Arch Street Suite 240 Akron, OH 44304	360020	09/21/2007	OH	ASMBS
Memorial Regional Hospital 3500 Johnson Street Hollywood, FL 33021	100038	09/11/2007	FL	ASMBS
Temple University Hospital 3401 North Broad Street Philadelphia, PA 19140	390027	09/21/2007	PA	ASMBS
Good Samaritan Hospital 2425 Samaritan Drive San Jose, CA 95124	50380	09/21/2007	CA	ASMBS
Johnson City Medical Center 400 North State of Franklin Road Johnson City, TN 37604	HSP440063	09/27/2007	TN	ASMBS
Providence Saint Joseph Medical Center 201 South Buena Vista Street Suite 425 Burbank, CA 91505	50235	N/A	CA	ASMBS – 09/17/2007; ACS – 09/05/2007
Baptist Bariatric Center of Excellence 1000 West Moreno Street Pensacola, FL 32501	10-0093	09/27/2007	FL	ASMBS
Hillcrest Hospital 2104 Woodruff Road Greenville, SC 29607	43-0037	10/10/2007	SC	ASMBS
Fairway Medical 67252 Industry Lane Covington, LA 70433	190267	10/10/2007	LA	ASMBS
John T. Mather Memorial Hospital 75 North Country Road Port Jefferson, NY 11777	JTM 33- 0185	10/10/2007	NY	ASMBS

Lenox Hill Hospital 110 East 59th Street, Suite 8A New York, NY 10022	10003F8	10/10/2007	NY	ASMBS
Easton Hospital 250 South 21st Street Easton, PA 18042	390162	10/10/2007	PA	ASMBS
Medical City Dallas Hospital 7777 Forest Lane, Suite 240A Dallas, TX 75230	000340	10/10/2007	TX	ASMBS
St Vincent's East 50 Medical Park East Drive Birmingham, AL 35235	010011	10/10/2007	AL	ASMBS
Northside Hospital 1000 Johnson Ferry Road Atlanta, GA 30342	11-0161	10/10/2007	GA	ASMBS
Missouri Bariatric Services 1000 W. Nifong Boulevard, Building 2, Suite 210 Columbia, MO 65203	000011108	10/10/2007	MO	ASMBS
Presbyterian Hospital of Plano 6200 West Parker Road Plano, TX 75093	45-0771	10/10/2007	TX	ASMBS
Norton Suburban Hospital 315 East Broadway Louisville, KY 40202	180088	10/10/2007	KY	ASMBS
Sky Ridge Medical Center 10101 RidgeGate Parkway Lone Tree, CO 80124	060112	10/30/2007	CO	ASMBS
St. Mary Medical Center 1050 Linden Avenue Long Beach, CA 90813	050191	10/30/2007	CA	ASMBS

Scott and White Hospital 2401 S. 31st Street Temple, TX 76508	450054	10/24/2007	TX	ACS
The Methodist Hospitals, Inc. 303 East 89th Avenue Merrillville, IN 46410	150132	10/30/2007	IN	ASMBS
Parkview Community Hospital 3865 Jackson Street Riverside, CA 92503	050102	10/30/2007	CA	ASMBS
Evergreen Hospital 12040 NE 128th Street Kirkland, WA 98034	500124	10/30/2007	WA	ASMBS
University of Maryland Medical Center 22 South Greene Street Baltimore, MD 21201-1595	21002	11/05/2007	MD	ACS
Montefiore Medical Center 111 East 210th Street Bronx, NY 10467	330059	11/07/2007	NY	Group #: 330059, Dr. Karen Gibbs #: 140341, Dr. Pratibha Vemulapalli #: 3097H1; ACS
Emory Crawford Long Hospital 1364 Clifton Road, NE Atlanta, GA 30322	110078	11/13/2007	GA	ACS
El Camino Hospital 2500 Grant Road Mountain View, CA 94039	050308	11/19/2007	CA	ASMBS
Northeast Baptist Hospital 8811 Village Drive San Antonio, TX 78217	450058	11/19/2007	TX	ASMBS

University of Iowa Hospitals and Clinics 4624 JCP Bariatric Surgery Iowa City, IA 52242	160058	11/19/2007	IA	ASMBS
El Camino Hospital 2500 Grant Road Mountain View, CA 94039	050308	11/19/2007	CA	ASMBS
Aspirus Wausau Hospital 333 Pineridge Boulevard Wausau, WI 54401	52-0030	11/28/2007	WI	ASMBS
Eastern Idaho Regional Medical Center 2860 Channing Way Suite 102 Idaho Falls, ID 83404	13-0018	12/10/2007	ID	ASMBS
Mount Sinai Medical Center 4701 North Meridian Avenue Miami Beach, FL 33140	10-0034	12/11/2007	FL	ASMBS
North Florida Regional Medical Center 6400 Newberry Road Suite 106 Gainesville, FL 32605	21536	12/27/2007	FL	ASMBS
Baylor Regional Medical Center at Plano 470 Alliance Boulevard Plano, TX 75093	45-0890	01/04/2008	TX	ASMBS
Memorial Medical Center 1800 Coffee Road Suite 30 Modesto, CA 95350	050557	01/04/2008	CA	ASMBS
Pennsylvania Hospital 800 Spruce Street 2 Cathcart Philadelphia, PA 19107	39-0226	01/08/2008	PA	ASMBS

Houston Northwest Medical Center 710 FM 1960 Road West Houston, TX 77090	450638	01/08/2008	TX	ASMBS
St. Bernadine Medical Center 2101 North Waterman Avenue San Bernadino, CA 92404	05-0129	01/04/2008	CA	ASMBS
UCLA Medical Center 10833 Le Conte Avenue CHS 72-236 Los Angeles, CA 90095	050262	01/08/2008	CA	ASMBS
Lourdes Medical Center Burlington County 218-A Sunset Road Willingboro, NJ 08046	310061	01/30/2008	NJ	ASMBS
Sacred Heart Medical Center 1200 Hilyard Street Suite S-570 Eugene, OR 97401	380033	01/23/2008	OR	ASMBS
Salt Lake Regional Medical Center 1050 East South Temple Salt Lake City, UT 84102	460003	02/11/2008	UT	ASMBS
Kaiser Permanente-South San Francisco 1200 El Camino Real South San Francisco, CA 94080	050070	01/30/2008	CA	ASMBS
Chilton Memorial Hospital 97 West Parkway Pompton Plains, NJ 07444	310017	02/12/2008	NJ	ASMBS
Mary Imogene Bassett Hospital One Atwell Road Cooperstown, NY 13326	330136	02/12/2008	NY	ASMBS
Sharp Memorial Hospital 7901 Frost Street - 5 South /ACC San Diego, CA 92123	0150100	02/11/2008	CA	ASMBS

Doctors Hospital at White Rock Lake 9440 Poppy Drive Dallas, TX 75218	450678	01/30/2008	TX	ASMBS
Rhode Island Hospital 2 Dudley Street Suite 470 Providence, RI 02905	410007	02/25/2008	RI	ASMBS
Munson Medical Center 1105 Sixth Street Traverse City, MI 49684	23-0097	02/19/2008	MI	ASMBS
DayOne Health at 900 N. Michigan Surgical Center 409 West Huron Suite 300 Chicago, IL 60613	538810	02/19/2008	IL	ASMBS
USC University Hospital 1500 San Pablo Los Angeles, CA 90033	05-0696	01/30/2008	CA	ASMBS
Lexington Medical Center 2720 Sunset Boulevard West Columbia, SC 29169-4810	See other information	01/14/2008	SC	ACS; NPI: Hospital Services 1356366314; Professional Services 1144248097
Saint Clare's Hospital 400 West Blackwell Street Dover, NJ 07801	310050	03/17/2008	NJ	ASMBS
Hartford Hospital 85 Seymour Street, Suite 415 Hartford, CT 06106	07-0025	03/25/2008	CT	ASMBS
Singing River Hospital 2809 Denny Avenue Pascagoula, MS 39581	250040	03/17/2008	MS	ASMBS

St. John's Regional Health Center 1235 East Cherokee Street Springfield, MO 65804	260065	03/17/2008	MO	ASMBS
Willis Knighton Health System 2551 Greenwood Road Suite 340 Shreveport, LA 71103	190111	03/17/2008	LA	ASMBS
Cottage Health System PO Box 689 Pueblo at Bath Street Santa Barbara, CA 93102-0689	030596	02/25/2008	CA	ASMBS
Syosset Hospital 221 Jericho Turnpike Syosset, NY 11791	330106	02/19/2008	NY	ASMBS
The Hospital of Central Connecticut 1000 Grand Street New Britain, CT 06050	070035	03/11/2008	CT	ASMBS
Stringfellow Memorial Hospital 105 Windsor Lane Rainbow City, AL 35906	01-0038	03/11/2008	AL	ASMBS
Providence Alaska Medical Center 3200 Providence Drive Anchorage, AK 99519-6604	02-0001	03/17/2008	AK	ASMBS
The Reading Hospital and Medical Center 2603 Keiser Boulevard Wyomissing, PA 19610	390044	03/25/2008	PA	ASMBS
Good Samaritan Hospital 255 Lafayette Avenue Suffern, NY 10901	330158	03/25/2008	NY	ASMBS
San Joaquin Community Hospital 2819 H Street Bakersfield, CA 93301	04055	04/01/2008	CA	ASMBS

Lowell General Hospital 295 Varnum Avenue Lowell, MA 01854		02/22/2008	MA	Medicare: 220063; Medicaid Inpatientt #: 100228; Medicaid Outpatient #: 1201069; ACS
Memorial Health University Medical Center 4700 Waters Avenue Savannah, GA 31404	11-0036	04/08/2008	GA	ASMBS
Christiana Care Health Services 3506 Kennett Pike Wilmington, DE 19807	080001	04/18/2008	DE	ACS
Abington Memorial Hospital 1235 Old York Road, Suite G- 28 Abington, PA 19001	390231	04/21/2008	PA	ASMBS
Gateway Medical Center 1771 Madison Street Clarksville, TN 37043	440035	04/21/2008	TN	ASMBS
Westchester Medical Center 95 Grasslands Road Valhalla, NY 10595	W94181	04/07/2008	NY	ACS
High Point Regional Health System 601 N. Elm Street High Point, NC 27261	34-0004	05/02/2008	NC	ACS
Desert Regional Medical Center 1150 North Indian Canyon Drive Palm Springs, CA 92262	05-0243	05/12/2008	CA	ASMBS
Southwest General Hospital 7400 Barlite Boulevard San Antonio, TX 78224	450697-A	05/22/2008	TX	ASMBS

Muhlenberg Regional Medical Center Park Avenue and Randolph Road Plainfield, NJ 07061	310063	06/02/2008	NJ	ASMBS
St. Mary's Medical Center 407 East 3rd Street Duluth, MN 55805	240002	06/09/2008	MN	ASMBS
St. Charles Medical Center - Bend 2500 NE Neff Road Bend, OR 97701	380047	06/30/2008	OR	ASMBS
Bay Area Hospital 1775 Thompson Road Coos Bay, OR 97420	380090	06/30/2008	OR	ASMBS
Saint Elizabeth Regional Medical Center 555 South 70th Street Lincoln, NE 68510	280020	07/21/2008	NE	ASMBS 6th Floor Surgical Unit
Holston Valley Medical Center 130 Ravine Street Kingsport, TN 37660	44-0017	07/29/2008	TN	ASMBS
Holy Cross Hospital 1500 Forest Glen Road Silver Spring, MD 20910	210004	07/29/2008	MD	ACS
North Carolina Baptist Hospital Medical Center Boulevard Winston Salem, NC 27157	340047	07/29/2008	NC	ASMBS
Flagler Hospital 400 Health Park Boulevard St. Augustine, FL 32086	100090	07/31/2008	FL	ASMBS
Torrance Memorial Medical Center 3330 Lomita Boulevard Torrance, CA 90505	05-0351	08/02/2008	CA	ASMBS

St. John Macomb-Oakland Hospital 27483 Dequindre Road Madison Heights, MI 48701	230195	08/07/2008	MI	ASMBS Suite 204
Nebraska Methodist Hospital 10060 Regency Circle Omaha, NE 68114	280040	08/07/2008	NE	ASMBS
Marquette General Hospital 580 West College Avenue Marquette, MI 49855	23-0054	08/07/2008	MI	ASMBS
Sacred Heart Hospital 5149 North 9th Avenue Suite G-32 Pensacola, FL 32504	100025	08/19/2008	FL	ASMBS
Central Mississippi Medical Center 1850 Chadwick Drive Jackson, MS 39204	250072	08/26/2008	MS	ASMBS
Vista Hospital of Dallas 2696 West Walnut Street Garland, TX 75042	450315	08/26/2008	TX	ASMBS
St. Alexius Medical Center 1555 Barrington Road Hoffman Estates, IL 60169	14-0290	08/26/2008	IL	ASMBS
Alexian Brothers Medical Center 800 Biesterfield Road Elk Grove Village, Illinois 60007	14-0290	08/26/2008	IL	ASMBS 6th Floor

Alegent Health Immanuel Medical Center 6828 North 72nd Street Suite 5500 Omaha, NE 68122	280081	08/29/2008	NE	ASMBS
MountainView Hospital 3100 North Tenya Way Las Vegas, NV 89128	290039	09/03/2008	NV	ASMBS
Southwest Washington Medical Center 400 NE Mother Joseph Place Vancouver, WA 98664	500050	09/08/2008	WA	ASMBS
JFK Medical Center 5301 South Congress Avenue Atlantis, FL 33462	100080	09/18/2008	FL	ASMBS
McLaren Regional Medical Center 401 South Ballenger Highway Flint, MI 48532	230141	09/24/2008	MI	ASMBS
Cheyenne Regional Medical Center 2301 House Avenue, Suite 500 Cheyenne, WY 82001	530014	09/24/2008	WY	ASMBS
St. Mary Mercy Hospital 14555 Levan Road, Suite 311 Livonia, MI 48154	12200126	09/25/2008	MI	ASMBS
Altru Health System 1000 South Columbia Road Grand Forks, ND 58206	350019	09/25/2008	ND	ASMBS
Lutheran Hospital of Indiana Bariatric Center 7836 West Jefferson, Suite 101 Ft. Wayne, IN 46804	150017	09/25/2008	IN	ASMBS
Seton Medical Center 1201 West 38th Street Austin, TX 78705	450056	09/25/2008	TX	ASMBS

St. Elizabeth and St. Joseph Surgical 452 Broadway Street Youngstown, OH 44504	36-0161	09/25/2008	OH	ASMBS
Henry Ford Macomb Hospital – Warren Campus 13355 East 10 Mile Road Warren, MI 48089	230204	10/07/2008	MI	ASMBS
Saint Alphonsus Regional Medical Center 1055 North Curtis Road Boise, ID 83706	130007	10/07/2008	ID	ASMBS
Riverside Methodist Hospital 3535 Olentangy River Road Columbus, OH 43214	36-0006	10/21/2008	OH	ASMBS
Lawrence Hospital Center 55 Palmer Avenue Bronxville, NY 10708	330061	11/05/2008	NY	ACS
Winthrop University Hospital 120 Mineola Boulevard Suite 320 Mineola, NY 11501	330167	11/10/2008	NY	ASMBS
St. John's Regional Medical Center 1700 North Rose Avenue #380 Oxnard, CA 93030	050082	12/02/2008	CA	ASMBS
Floyd Medical Center PO Box 233 Rome, GA 30162	110054	01/07/2009	GA	ASMBS
Hazleton General Hospital 700 East Broad Street Hazleton, PA 18201	390185	04/20/2009	PA	ASMBS
Memorial Hermann Texas Medical Center 6411 Fannin Street Houston, TX 77030	45-0068	01/29/2009	TX	ACS

Mercy Medical Center 1111 6th Avenue Des Moines, IA 50314-9906	160083	01/28/2009	IA	ASMBS
Northwest Medical Center 1980 W. Hospital Drive Suite 200 Tucson, AZ 85741	03-0085	04/06/2009	AZ	ASMBS
Plaza Medical Center of Fort Worth 900 8th Avenue PAT-Bariatrics Ft. Worth, TX 76104	450672	03/20/2009	TX	ASMBS
SUNY Upstate Medical University 750 E. Adams Street, University Hospital Syracuse, NY 13210	NPI #: 1578554630	03/27/2009	NY	ACS; General Acute Care Hospital Number: 330241
Winchester Medical Center Bariatric Program 1840 Amherst Street Winchester, VA 22601	490005	03/20/2009	VA	ASMBS
Vanderbilt University Medical Center 1215 21st Avenue South Nashville, TN 37232	1952356065	05/05/2009	TN	ACS
Mother Frances Regional Medical Center 910 East Houston Street Suite 550 Tyler, TX 75702	450102	05/07/2009	TX	ASMBS
Sparrow Health System 2900 Hannah Boulevard Suite B-107 East Lansing, MI 48823	230230	05/15/2009	MI	ASMBS
First Street Hospital 4801 Bissonnet Street Bellaire, TX 77401	67009	05/18/2009	TX	ASMBS

Good Samaritan Hospital Medical Center 1000 Montauk Highway West Islip, NY 11795	330286	05/18/2009	NY	ASMBS
St. Joseph Hospital 1100 West Stewart Drive Orange, CA 92868	050069	05/18/2009	CA	ASMBS
Borgess Medical Center 1521 Gull Road Kalamazoo, MI 49048	23-0117	05/28/2009	MI	ASMBS
UT Southwestern Medical Center 5909 Harry Hines Boulevard Dallas, TX 75235	45-0044	05/28/2009	TX	ACS
Brookdale University Hospital/ Medical Center 1 Brookdale Plaza New York, NY 11212	33-0233	06/05/2009	NY	ASMBS
Des Peres Hospital 2345 Dougherty Ferry Road St. Louis, MO 63122	75-269-5810	06/05/2009	MO	ASMBS
Surgical Weight Loss Program at Eastern Maine Medical Center 905 Union Street Suite 11 Bangor, ME 4401	1790789147	06/10/2009	ME	ACS
Baylor Medical Center at Frisco 5601 Warren Parkway Frisco, TX 75034	450853	06/22/2009	TX	ASMBS
Trinity Hospital of Augusta 1500 Johns Road Suite 3 Augusta, GA 30904	110039	06/29/2009	GA	ASMBS

The Nebraska Medical Center 988142 Nebraska Medical Center Omaha, NE 68198-8142	28-0013	06/29/2009	NE	ASMBS
Day Surgery at Renaissance DBA Doctors Hospital at Renaissance 5501 S. McColl Road Edinburg, TX 78539	450869	07/13/2009	TX	ASMBS
Gunderson Lutheran Medical 1900 South Avenue LaCrosse, WI 54601	1851343115	04/28/2009	WI	ACS
Princeton Baptist Medical Center 917 Tuscaloosa Avenue, SW Birmingham, AL 35211	1144312430	07/01/2009	AL	
Centegra Health System Memorial Medical Center 3701 Doty Road Woodstock, IL 60098	140176	08/14/2009	IL	ASMBS
Wesley Long Community Hospital 501 North Elam Avenue Greensboro, NC 27403-1199	1477591055	06/29/2009	NC	ACS
South Miami Hospital 3 East Tower Building, 6200 SW 73rd Street South Miami, FL 33143	100154	06/22/2009	FL	ASMBS
Castle Medical Center 640 Ulukahiki Street Kailua, HI 96734	120006	09/08/2009	HI	ASMBS
Advocate Good Samaritan Hospital 3815 Highland Avenue Downers Grove, IL 60515	140288	09/08/2009	IL	ASMBS

Sacred Heart Medical Center 3377 RiverBend Drive Springfield, OR 97477	380033	01/23/2008	OR	ASMBS
Holzer Weight Loss Solutions 100 Jackson Pike Gallipolis, OH 45631	3600542	09/30/2009	OH	ASMBS
Christus Schumpert Health System One St. Mary Place Shreveport, Louisiana 71101	190041	12/02/2005	LA	ASMBS
Day Surgery at Renaissance DBA Doctors Hospital at Renaissance 5501 S. McColl Road Edinburg, TX 78539	450869	07/13/2009	TX	ASMBS
Gunderson Lutheran Medical 1900 South Avenue LaCrosse, WI 54601	1851343115	04/28/2009	WI	ACS

**Addendum XVI—FDG-PET for Dementia and Neurodegenerative Diseases
Clinical Trials**

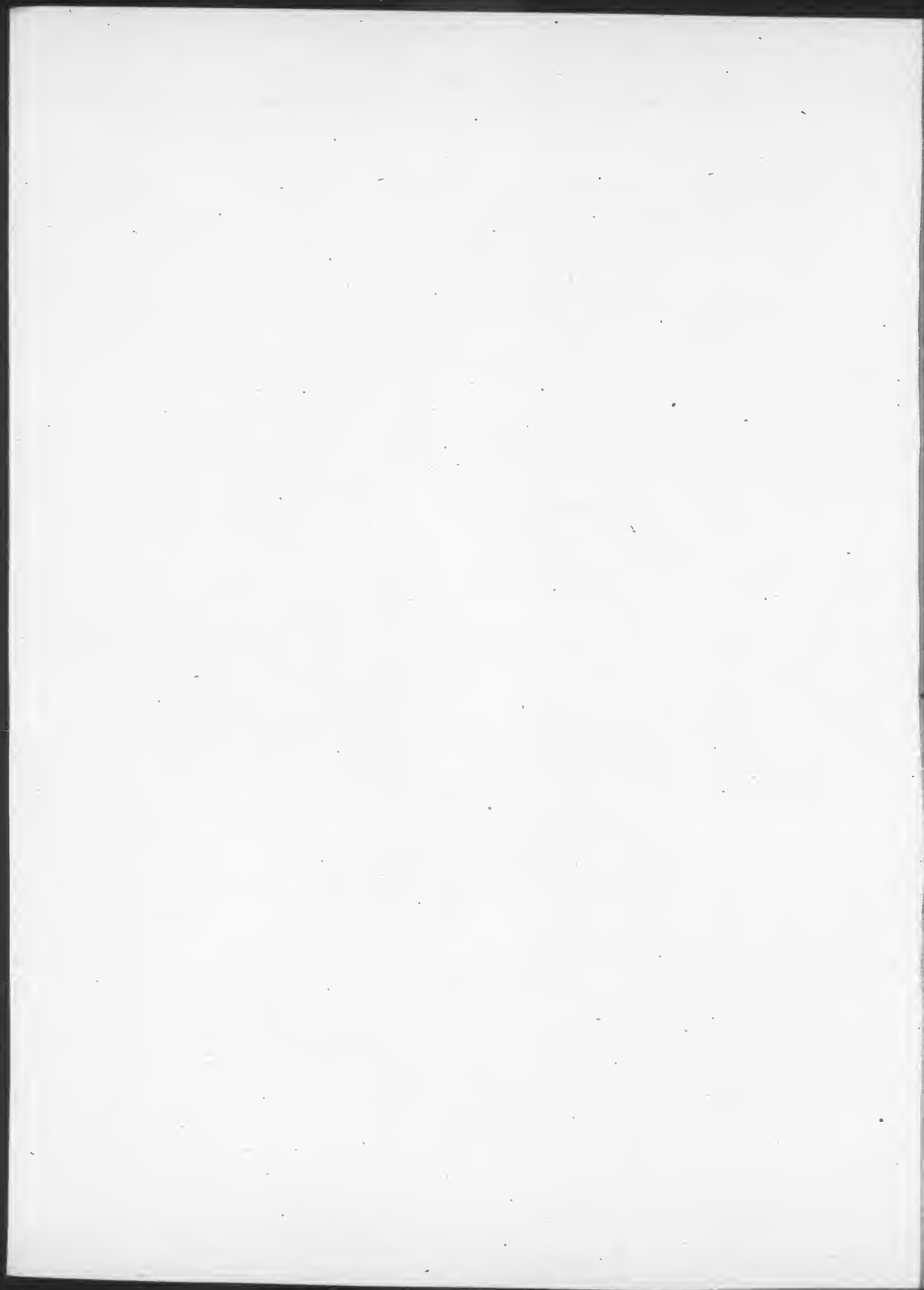
In a National Coverage Determination for fluorodeoxyglucose positron emission tomography (FDG-PET) for Dementia and Neurodegenerative Diseases (220.6.13) we indicated that an FDG-PET scan is considered reasonable and necessary in patients with mild cognitive impairment or early dementia only in the context of an approved clinical trial that contains patient safeguards and protections to ensure proper administration, use, and evaluation of the FDG-PET scan.

Facility name	Provider Number	Date approved	State	Name of Trial	Principal Investigator
UCLA Medical Center 10833 Le Conte Avenue Los Angeles, CA 90095	HW13029	06/07/2006	CA	Early and Long-Term Value of Imaging Brain Metabolism	Dr. Daniel Silverman
Santa Monica-UCLA Medical Center 1245 16th Street Suite 105 Santa Monica, CA 90404	W11817A	01/12/2007	CA	N/A	N/A
University of Buffalo 3435 Main Street Buffalo, NY 14214	14414A	03/12/2007	NY	Metabolic Cerebral Imaging in Incipient Dementia (MCI-ID)	Dr. Daniel Silverman
Center for Alzheimer's Care, Imaging and Research (University of Utah) 650 Komas Drive Suite 106-A Salt Lake City, UT 84108	460009	02/17/2009	UT	Metabolic Cerebral Imaging in Incipient Dementia (MCI-ID)	Norman Foster, M.D.

Medical University of South Carolina 169 Ashley Avenue PO Box 250322 Charleston, SC 29425	1073605879	02/17/2009	SC	N/A	Kenneth Spicer
Cedars-Sinai Medical Center 8700 Beverly Boulevard Nuc Suite 1239 Los Angeles, CA 90048	951644600	10/09/2009	CA	"Early and Long-term Value of Imaging Brain Metabolism"	Dr. Alan Waxman

[FR Doc. E9-29260 Filed 12-17-09; 8:45 am]

BILLING CODE 4120-01-C





Federal Register

Friday,
December 18, 2009

Part III

Department of Agriculture

Food Safety and Inspection Service

9 CFR Parts 317 and 381

Nutrition Labeling of Single-Ingredient
Products and Ground or Chopped Meat
and Poultry Products; Proposed Rule

DEPARTMENT OF AGRICULTURE**Food Safety and Inspection Service****9 CFR Parts 317 and 381**

[FDMS Docket No. FSIS-2005-0018]

RIN: 0583-AC60

Nutrition Labeling of Single-Ingredient Products and Ground or Chopped Meat and Poultry Products

AGENCY: Food Safety and Inspection Service, USDA.

ACTION: Supplemental Proposed Rule.

SUMMARY: The Food Safety and Inspection Service (FSIS) is issuing this supplemental proposed rule that, if finalized, will amend the Federal meat and poultry products inspection regulations to require nutrition labeling of the major cuts of single-ingredient, raw meat and poultry products, unless an exemption applies.

DATES: Submit comments on or before February 16, 2010.

ADDRESSES: FSIS invites interested persons to submit comments on this proposed rule. Comments may be submitted by either of the following methods:

- *Federal eRulemaking Portal:* This Web site provides the ability to type short comments directly into the comment field on this Web page or attach a file for lengthier comments. Go to <http://www.regulations.gov>. Follow the online instructions at that site for submitting comments.

- *Mail, including floppy disks or CD-ROMs, and hand- or courier-delivered items:* Send to Docket Clerk, U.S. Department of Agriculture (USDA), FSIS, Room 2-2127, George Washington Carver Center, 5601 Sunnyside Avenue, Mailstop 5474, Beltsville, MD 20705-5474.

Instructions: All items submitted by mail or electronic mail must include the Agency name and docket number FSIS-2005-0018. Comments received in response to this docket will be made available for public inspection and posted without change, including any personal information, to <http://www.regulations.gov>.

Docket: For access to background documents or to comments received, go to the FSIS Docket Room at the address listed above between 8:30 a.m. and 4:30 p.m., Monday through Friday. All comments submitted in response to this proposal, as well as background information used by FSIS in developing this document, will be available for public inspection in the FSIS Docket Room at the address listed above

between 8:30 a.m. and 4:30 p.m., Monday through Friday.

FOR FURTHER INFORMATION CONTACT:

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Section I**SUPPLEMENTARY INFORMATION:****Background**

Supplemental Proposed Rule: On January 18, 2001, FSIS published a proposed rule in the *Federal Register* entitled, "Nutrition Labeling of Ground or Chopped Meat and Poultry Products and Single-Ingredient Products" (66 FR 4969). Because of the length of time since the publication of the proposed rule, FSIS is providing the public an opportunity to comment on this supplemental proposed rule. FSIS also welcomes comments on relevant issues for which there is new evidence since the proposed rule was issued.

This supplemental proposed rule responds to all comments received on the January 18, 2001 proposed rule and explains how the Agency intends to proceed with a final rule. Although FSIS has come to tentative conclusions regarding the issues raised by the commenters, in this supplemental proposed rule, FSIS is requesting additional comments on policies for which there were significant differences of opinion among commenters.

Specifically, under the "Provisions of the Supplemental Proposed Rule" heading below, FSIS is requesting comments on whether nutrition information should be allowed on point-of-purchase materials for ground or chopped products, as an alternative to requiring nutrition information on the product labels. FSIS is also requesting comments on the use of statements of lean percentages on the label or in labeling of ground or chopped products that do not meet the regulatory criteria for "low fat." In addition, under the "Provisions of the Supplemental Proposed Rule" heading below, FSIS is requesting comments on whether it should provide an exemption from nutrition labeling requirements for small businesses that include a fat percentage statement and lean percentage statement on the labeling or in labeling of ground or chopped product. FSIS is requesting copies of any studies, surveys, or other data on consumers' perception of and use of point-of-purchase materials versus

nutrition labels for ground or chopped product and on consumers' understanding of the nutrient content of ground or chopped products. FSIS is also requesting copies of any studies, surveys, or data on consumers' use and understanding of fat percentage and lean percentage statements on ground or chopped products. FSIS will post on its Web site, with this supplemental proposed rule, all studies and data submitted to the Agency in response to this request. FSIS requests comment on the potential effects of disallowing a statement of lean percentage on ground or chopped products.

FSIS will consider all comments received in response to this supplemental proposed rule. After evaluating the comments, FSIS intends to respond to them, make any appropriate and necessary changes to this rule, and issue the final rule in the *Federal Register*.

The Proposed Rule

Major cuts: FSIS proposed to require nutrition labeling of the major cuts of single-ingredient, raw meat and poultry products identified in §§ 317.344 and 381.444 that are not ground or chopped, except for certain exemptions. FSIS proposed that "ground beef regular without added seasonings," "ground beef about 17% fat," and "ground pork" would no longer be included in the list of major cuts in § 317.344.

FSIS proposed to make the guidelines in place for the voluntary nutrition labeling program mandatory for the major cuts of single-ingredient, raw products that are not ground or chopped. Thus, for these products, FSIS proposed that nutrition information be provided on the label or at point-of-purchase, unless an exemption would apply. For further explanation of the guidelines for voluntary nutrition labeling, see 66 FR 4971, January 18, 2001. For further explanation of the proposal to make these guidelines mandatory for the major cuts of single-ingredient, raw products that are not ground or chopped, see 66 FR 4973-4975, January 18, 2001.

In the preamble to the proposed rule, FSIS explained that, in its two most recent surveys of the voluntary nutrition labeling of single-ingredient, raw products, FSIS found that significant participation in the voluntary nutrition labeling program did not exist (66 FR 4972, January 18, 2001). FSIS regulations provide that a food retailer is participating at a significant level (1) if the retailer provides nutrition labeling information for at least 90 percent of the major cuts of single-ingredient, raw meat and poultry products it sells; and

(2) if the nutrition label on these products is consistent in content and format with the mandatory program, or if nutrition information is displayed at point-of-purchase in an appropriate manner. The required nutrition labeling provisions for multi-ingredient and heat processed products are referred to as "the mandatory program." The regulations also provide that significant participation by food retailers exists if at least 60 percent of all companies that are evaluated are participating in accordance with the guidelines (§ 317.343 and § 381.443). The term "companies," as used in these regulations, refers to individual stores. FSIS used a representative sample of stores to assess participation (see 58 FR 640, January 6, 1993). Based on the survey data from the two most recent surveys, less than 60 percent of stores evaluated were participating in accordance with the guidelines.

In the preamble to the proposed rule, FSIS explained that, because the most recent surveys showed that significant participation in the voluntary nutrition labeling program did not exist, FSIS believed that the proposed rule was necessary. FSIS stated that, without nutrition information, consumers are not able to assess the nutrient content of the major cuts and thus cannot make educated choices about these products based on nutrition information. FSIS believed that the lack of nutrition information on the labeling of the major cuts was misleading (66 FR 4973–4974, January 18, 2001) because it fails to disclose material facts about the consequences of consumption of these products. Consumers can compare the fat content in major cuts of poultry based on whether the product has skin and based on the levels of attached fat in the product. Similarly, consumers can compare the fat content among major cuts of meat products based on internal marbling and attached fat. However, without nutrition labeling for the major cuts, consumers cannot assess precise levels of fat (e.g., 10 grams vs. 20 grams of fat per serving) and cannot know the levels of specific nutrients, such as saturated fat, in these products. Therefore, without nutrition labeling of these products, consumers cannot make educated choices about consuming the major cuts.

The FMIA and PPIA provide that product is misbranded if its labeling is false or misleading in any particular (21 U.S.C. 601(n)(1) and 453(h)(1)). Without nutrition information for the major cuts of single-ingredient, raw products, FSIS tentatively concluded that these products would be misbranded under section 1(n) of the FMIA or section 4(h)

of the PPIA because the label would fail to reveal significant material facts about the consequences of consuming these products (66 FR 4974, January 18, 2001).

As explained in the preamble to the proposed rule, although FSIS believed that nutrition information on the labels of individual packages of single-ingredient, raw products is useful, the Agency proposed that nutrition information for the major cuts could also be provided on point-of-purchase materials, because consumers have reasonable expectations as to the nutrient content of these products. Also, FSIS stated that the nutrient content of a given major cut is relatively uniform across the market, and these products are not formulated in the manner of ground or chopped products (66 FR 4974, January 18, 2001).

Ground or Chopped Products: Ground or chopped products that are multi-ingredient or heat processed products are subject to the requirements of the mandatory nutrition labeling program; therefore, these products are already required to bear nutrition labels, unless they qualify for an exemption. FSIS proposed to extend mandatory nutrition labeling requirements to all ground or chopped products, including single-ingredient, raw ground or chopped products, unless an exemption applies. Thus, FSIS proposed to require that nutrition labels be provided for all ground or chopped products (livestock species) and hamburger, with or without added seasonings, unless an exemption applies. Similarly, FSIS proposed to require that nutrition labels be provided for all ground or chopped poultry (kind), with or without added seasonings, unless an exemption applies. Under the proposed rule, products that would be required to bear nutrition labels include single-ingredient, raw hamburger, ground beef, ground beef patties, ground chicken, ground turkey, ground chicken patties, ground pork, and ground lamb.

In the proposed rule, FSIS explained that, unlike other single-ingredient, raw products, producers are able to formulate precisely the fat content of ground or chopped products. Therefore, in this respect, these products are similar to products in the existing mandatory program that are required to bear nutrition labels (66 FR 4975, January 18, 2001). FSIS noted that other single-ingredient, raw products cannot be formulated in the same manner or to the same degree as ground beef products (66 FR 4976, January 18, 2001).

FSIS noted that it believed that consumers could not easily see the fat in ground or chopped beef. In ground or chopped beef products, the fat is

uniformly distributed throughout the product, and is not clearly distinguishable on the surface of the product (66 FR 4975, January 18, 2001). FSIS also explained that the Agency believed that consumers cannot estimate the level of fat in ground or chopped beef and cannot compare the levels of fat in these products to those in other products (66 FR 4975, January 18, 2001). Similarly, FSIS explained that ground lamb and ground pork may contain varying amounts of fat and varying nutrient content, which consumers cannot visually detect (66 FR 4976, January 18, 2001). Additionally, FSIS noted that producers sometimes use meat from advanced meat recovery (AMR) systems and low temperature rendering in ground or chopped beef or pork products, which can affect their nutrient content (66 FR 4975 and 4976, January 18, 2001). Finally, FSIS noted that, as with the fat on ground meat products, consumers cannot readily detect the fat content of ground poultry products (66 FR 4976, January 18, 2001). For these reasons, FSIS tentatively concluded that ground or chopped meat and poultry products that did not bear nutrition information would be misbranded under section 1(n)(1) of the FMIA and section 4(h)(1) of the PPIA (66 FR 4977, January 18, 2001).

FSIS proposed to require that nutrition information for ground or chopped products appear on the label of these products (unless an exemption applies), as is required for multi-ingredient and heat processed products, rather than on point-of-purchase materials because ground or chopped products are similar to multi-ingredient and heat processed products in that certain parameters, such as their fat content, can be controlled precisely to obtain the desired product. In addition, because there are numerous formulations of ground or chopped products, it would be difficult for producers or retailers to develop point-of-purchase materials that would address all the different formulations that exist for these products. Furthermore, it would be difficult for consumers to find the correct information for a specific ground or chopped product on point-of-purchase materials that include information concerning numerous formulations of these products (66 FR 4977, January 18, 2001).

Exemptions: FSIS proposed that certain exemptions from nutrition labeling requirements would apply to the major cuts of single-ingredient, raw meat and poultry products and ground or chopped meat and poultry products. FSIS proposed the following

exemptions from nutrition labeling requirements for ground or chopped products: ground or chopped products that qualify for the small business exemption in §§ 317.400(a)(1) and 381.500(a)(1); ground or chopped products in packages that have a total surface area available to bear labeling of less than 12 square inches, provided that the product's labeling includes no nutrition claims or nutrition information and provided that an address or telephone number that a consumer can use to obtain the required information is included on the label; ground or chopped products that are intended for further processing; ground or chopped products that are not for sale to consumers; ground or chopped products that are in small packages that are individually wrapped packages of less than ½ ounce net weight; ground or chopped products that are custom slaughtered or prepared; and ground or chopped products that are intended for export.

FSIS proposed the following exemptions for major cuts of single-ingredient, raw products that are not ground or chopped: major cuts intended for further processing; major cuts not for sale to consumers; major cuts in small packages that are individually wrapped packages of less than ½ ounce net weight; major cuts that are custom slaughtered or prepared; and major cuts that are intended for export.

FSIS proposed to exempt ground or chopped products that qualified for the small business exemption from nutrition labeling requirements for the main reason stated in the January 6, 1993, final rule: because these requirements would create undue economic hardship for small businesses (58 FR 638). FSIS stated in the proposed rule that it did not believe that the reasons that necessitated the establishment of the small business exemption, as explained in the January 6, 1993 final rule, are applicable to the major cuts of single-ingredient, raw meat and poultry products produced by small businesses. For these products, FSIS proposed that nutrition information may be provided on labels or, alternatively, at their point-of-purchase. In addition, FSIS explained that it intended to make point-of-purchase materials available over the Internet free of charge. Therefore, the nutrition labeling requirement for major cuts of single-ingredient, raw products should not impose an economic hardship for "small businesses", including those that are retail stores (66 FR 4978, January 18, 2001).

In the preamble to the January 6, 1993, final rule, FSIS explained that it

was proposing an exemption from nutrition labeling requirements for products intended for further processing and products not for sale to consumers because consumers do not see the nutrition information on products used for further processing or products that are not for sale to consumers. The Agency also explained that it would exempt individually wrapped packages of less than ½ ounce net weight, provided no nutrition claim or nutrition information was made on the label, because these products are an insignificant part of the diet. With regard to the custom exemption, the Agency explained that an exemption should apply because these custom services are performed solely for individuals. Finally, the Agency explained that products intended for export should be exempt because these products are labeled according to the requirements of the country where the product is to be exported (58 FR 639, January 6, 1993). In the January 18, 2001, proposed rule, the Agency proposed these exemptions because the Agency had tentatively determined that the bases for these exemptions, as explained in the January 6, 1993, final rule, are valid as applied to nutrition labeling for ground or chopped products and for major cuts of single-ingredient, raw products. Therefore, FSIS proposed that any ground or chopped product or major cut of single-ingredient, raw product that qualifies for any of these exemptions will continue to be exempt (66 FR 4979, January 18, 2001).

Under current regulations, products in packages that have a total surface area available to bear labeling of less than 12 square inches are exempt from nutrition labeling, provided the product's labeling includes no nutrition claims or nutrition information and provided that an address or telephone number that a consumer can use to obtain the required information is included on the label. FSIS allowed for nutrition information to be provided by alternative means for products of this size in order to incorporate sufficient flexibility in the regulations (58 FR 47625, January 6, 1993). As explained in the proposed rule, for ground or chopped products, FSIS believes it is necessary to provide this flexibility for products in packages that have a total surface area available to bear labeling of less than 12 square inches, provided that the labels for these products bear no nutrition claims or nutrition information. However, because nutrition information for the major cuts of single-ingredient, raw meat and poultry products may be provided on point-of-purchase materials, FSIS

proposed that the provisions for providing nutrition labeling by alternate means for products in packages that have a total surface area available to bear labeling of less than 12 square inches would not apply to the major cuts of single-ingredient, raw meat and poultry products (66 FR 4979, January 18, 2001).

In the preamble to the proposed rule, FSIS explained that restaurant menus that include ground or chopped products generally do not constitute nutrition labeling or fall within the scope of the proposed regulations. Similarly, although a restaurant menu would most likely not include a major cut of single-ingredient, raw product, if it did, the menu would not fall within the scope of the proposed regulations. Finally, the preamble explained that, under the proposed rule, any ground or chopped product or major cut of single-ingredient, raw product represented or purported to be specifically for infants and children less than 4 years of age would not be allowed to include certain nutrient content declarations, because infants and children less than 4 years of age have different nutrition needs than adults and children older than 4 years of age (66 FR 4979, January 18, 2001).

In the 1993 final rule on nutrition labeling, FSIS exempted from mandatory nutrition labeling requirements multi-ingredient products processed at retail, and ready-to-eat products packaged or portioned at retail. The reasons that FSIS provided these exemptions in the 1993 final rule were that FSIS believed that it would be impractical to enforce nutrition labeling requirements on these products prepared or served at retail and because the Agency concluded, based on a review of National Food Consumption Survey (NFCS) data, that the average person's diet consisted of an insignificant proportion of ready-to-eat retail packaged products or retail processed products (58 FR 639, January 6, 1993).

The proposed rule did not provide an exemption for ready-to-eat ground or chopped products packaged or portioned at retail, or multi-ingredient ground or chopped products that are processed at retail because, as FSIS explained in the 2001 nutrition labeling proposed rule, there may be a significant amount of multi-ingredient ground beef retail processed products or ready-to-eat retail packaged products. Also, FSIS explained that the Agency no longer believes enforcement of nutrition labeling requirements at retail stores to be impractical because FSIS is already conducting testing for *Escherichia coli*

(*E. coli*) O157:H7 at retail (66 FR 4979, January 18, 2001).

For further explanation of the reasons for the proposed exemptions, see 66 FR 4978-4980, January 18, 2001.

Nonmajor Cuts of Single-Ingredient, Raw Meat and Poultry Products That Are Not Ground or Chopped: FSIS did not propose to require nutrition information for single-ingredient, raw meat and poultry products that are not major cuts and that are not ground or chopped. However, FSIS proposed that if nutrition information is provided for these products, it must be provided according to the existing guidelines for the current voluntary nutrition labeling program. Therefore, under the proposed rule, if nutrition information were provided for these products, it would be consistent with the nutrition information required for the major cuts of single-ingredient, raw products. In the preamble to the proposed rule, FSIS explained that the Agency could not determine whether it would be beneficial to require nutrition labeling for nonmajor cuts that are not ground or chopped until it assessed whether adequate nutrition information is being provided for these products (66 FR 4974, January 18, 2001).

Enforcement and Compliance: FSIS conducts sampling and nutrient analysis of products that fall under the mandatory nutrition labeling program. FSIS proposed that the procedures set forth for FSIS product sampling and nutrient analysis in §§ 317.309(h)(1) through (h)(8) and 381.409(h)(1) through (h)(8) would be applicable to ground or chopped meat and to ground or chopped poultry products, respectively. FSIS explained that under the proposal, FSIS would sample and conduct nutrient analysis of ground or chopped products to verify compliance with nutrition labeling requirements, even if nutrition labeling on these products is based on the most current representative data base values contained in USDA's National Nutrient Data Bank or the USDA National Nutrient Database for Standard Reference and there are no claims on the labeling. Therefore, FSIS would treat these products as it treats other products required to bear nutrition labels (66 FR 4980, January 18, 2001).

FSIS explained that it would treat ground or chopped products in this way because the fat content of these products can vary significantly. In addition, the preamble to the proposed rule stated that FSIS employees cannot visually assess whether nutrition information on the label of ground or chopped products accurately reflects the labeled products' contents because, in most cases, it is not possible to visually assess the level of

fat in a ground or chopped product (66 FR 4980, January 18, 2001).

FSIS also proposed that if nutrition labeling of the major cuts of single-ingredient, raw products (other than ground beef or ground pork) is based on USDA's National Nutrient Data Bank or the USDA's National Nutrient Database for Standard Reference, and there are no nutrition claims on the labeling, FSIS would not sample and conduct a nutrient analysis of the products. The preamble explained that, for the major cuts, FSIS personnel can visually identify the particular cut. FSIS further explained that, if the nutrition information for these products is based on USDA's National Nutrient Data Bank or the USDA National Nutrient Database for Standard Reference, and there are no nutrition claims on the labeling, it is not necessary for FSIS to verify the accuracy of the data because they are USDA data. USDA has already evaluated these USDA data and determined that they are valid (66 FR 4980, January 18, 2001).

Permitting Percent Lean Statements on Labels or in Labeling of Ground or Chopped Products: FSIS also proposed to permit a statement of lean percentage on the label or in labeling of ground or chopped meat and poultry products that do not meet the regulatory criteria for "low fat," provided that a statement of the fat percentage is also displayed on the label or in labeling. FSIS proposed that the required statement of fat percentage be contiguous to, in lettering of the same color, size, and type as, and on the same color background as, the statement of lean percentage. FSIS stated that many consumers have become accustomed to this labeling on ground beef products, and that FSIS believed this labeling provided a quick, simple, and accurate means of comparing all ground or chopped meat and poultry products (66 FR 4981, January 18, 2001).

Provisions of the Supplemental Proposed Rule

Major cuts and nonmajor cuts that are not ground or chopped: Consistent with the proposal, should this rule become final, FSIS will require nutrition information for the major cuts, either on their label or at their point-of-purchase. The provisions of the voluntary nutrition labeling program will be mandatory for the major cuts. As FSIS proposed, "ground beef regular without added seasonings," "ground beef about 17% fat," and "ground pork" will no longer be included in the list of major cuts in § 317.344 because FSIS has decided to treat ground meat and poultry products differently than single cuts of meat for the purposes of this

regulation. Should this rule become final, ground meat and poultry products will be required to bear nutrition labeling on their packages, unless an exemption applies. Nutrition information at the point-of-purchase for ground or chopped products will not meet the requirements of these regulations.

FSIS believes that without nutrition information, consumers are not able to assess the nutrient content of the major cuts and, thus, cannot make educated decisions about these products based on nutrition information. FSIS has concluded that the lack of nutrition information for the major cuts of single-ingredient, raw products, either on their label or at their point-of-purchase, makes these products misbranded under 21 U.S.C. 601(n)(1) and 453(h)(1). Although FSIS believes that nutrition information on the labels of individual packages of the major cuts of single-ingredient, raw products is useful, this final rule provides that nutrition information for these products may be provided at their point-of-purchase.

In the 1991 proposed rule and the 1993 final rule on nutrition labeling, FSIS stated that if it determined, during any evaluation of its voluntary guidelines, that significant participation did not exist, it would initiate proposed rulemaking to determine whether it would be beneficial to require nutrition labeling on single-ingredient, raw meat and poultry products (56 FR 60306, November 27, 1991; 58 FR 640, January 5, 1993). Therefore, FSIS initiated rulemaking to propose requiring nutrition labeling for the major cuts of single-ingredient, raw products. Through this rulemaking, FSIS has determined that because nutrition information has not been universally available for the major cuts of single-ingredient products, consumers have not been able to assess the nutrient content of these products and, thus, cannot make educated choices about them, and about the significant portion of their diet that these products represent, based on nutrition information. Without nutrition information, the labeling of major cuts of single-ingredient, raw meat and poultry products fails to include material facts about the consequences of consuming these products. FSIS has concluded that the lack of nutrition information for the major cuts of single-ingredient, raw products, either on their label or at their point-of-purchase, makes these products misbranded under 21 U.S.C. 601(n)(1) and 453(h)(1). FSIS has determined that this rule is necessary to ensure that consumers obtain nutrition information concerning

these products. Through the supplemental proposed regulatory impact analysis (PRIA), FSIS has determined that this rule would result in benefits to consumers and net benefits to society.

Consistent with the proposed rule, this supplemental proposed rule will not require nutrition information for nonmajor cuts of single-ingredient, raw meat and poultry products that are not ground or chopped.

FSIS has determined that it is not appropriate or necessary to require nutrition information for nonmajor cuts that are not ground or chopped at this time. They do not contribute in a major way to the diet. Thus, at this time, the consequences of consuming these products cannot be considered to be a material fact. In the future, FSIS will reassess the production and consumption volume of nonmajor cuts that are not ground or chopped and will determine the levels of consumption of these products and whether sufficient nutrition information is being made available about them. After FSIS assesses the volume of these products and assesses the adequacy of nutrition information provided for them, FSIS will determine whether it is necessary to propose nutrition labeling requirements for these products, and whether nutrition labeling requirements for these products would be beneficial.

Should this rule become effective, if establishments or retail facilities voluntarily provide nutrition information for nonmajor cuts of meat and poultry products that are not ground or chopped, they will have to provide it according to the nutrition labeling requirements for the major cuts. Should establishments or retail facilities choose to provide nutrition information for these products, they will have to either provide it at the point-of-purchase, in accordance with § 317.345 or § 381.445, or on their label, in accordance with § 317.309 or § 381.409. Thus, the nutrition labeling provisions for these products will be consistent with those for the voluntary nutrition labeling program.

As proposed, the supplemental proposed rule would allow nutrition information for the major cuts and nonmajor cuts of single-ingredient, raw products that are not ground or chopped to be declared on either an "as packaged" basis or an "as consumed" basis because most of these products will not need FSIS compliance scrutiny. If FSIS conducts nutrient analysis of products under 317.309(h) or 381.409(h), it does so on the packaged product. If nutrition information for these products is based on USDA's

National Nutrient Database for Standard Reference, and there are no claims on the labeling, FSIS will not conduct a nutrient analysis of these raw products and, therefore, will not evaluate "as packaged" nutrition labeling information for these products.

Also consistent with the proposed rule, under this supplemental proposed rule, the declaration of the number of servings per container would not need to be included on the nutrition label for the major or nonmajor cuts of single-ingredient, raw products that are not ground or chopped, because these products are typically random weight products. Existing regulations do not require the number of servings on the nutrition label of random weight products (see §§ 317.309(b)(10)(iii) and 381.409(b)(10)(iii)).

Ground or Chopped Products:

Consistent with the proposed rule, this supplemental proposed rule would extend the mandatory nutrition labeling requirements to all ground or chopped products, including single-ingredient, raw ground or chopped products, unless an exemption applies. Should this rule become effective, FSIS will require that nutrition labels be provided for all ground or chopped products (livestock species) and hamburger, with or without added seasonings, unless an exemption applies. This rule would also require that nutrition labels be provided for all ground or chopped poultry products, with or without added seasonings, unless an exemption applies. After analyzing the comments and for the reasons discussed in the proposed rule and discussed below in the response to comments section, FSIS has concluded that ground or chopped meat and poultry products that do not bear nutrition information on their label are misbranded under 21 U.S.C. 601(n)(1) and 453(h)(1).

FSIS recognizes that single-ingredient, raw ground or chopped products have not been required to bear nutrition labels. In the proposed rule, FSIS explained that, on June 3, 1997, the Center for Science in the Public Interest (CSPI) submitted a petition to the Agency stating that FSIS should require complete "Nutrition Facts" on ground beef labels that make nutrient content claims. This petition brought many of the issues concerning the need for nutrition labeling of ground or chopped products to FSIS's attention. Consistent with CSPI's petition, FSIS has determined that nutrition information should be required on packages of all ground or chopped meat and poultry products, unless an exemption applies. (For more information on the petition

from CSPI, see 66 FR 4975, January 18, 2001).

Most industry commenters did not support requiring on-package nutrition information for ground or chopped products. Some of these commenters supported requiring nutrition labeling for these products at their point-of-purchase. Individuals, consumer organizations, and nutrition organizations supported mandatory nutrition labeling on the packages of ground or chopped products.

FSIS requests comments on how retailers or official establishments would prepare point-of-purchase materials that would address all possible combinations of percent fat and percent lean in ground or chopped products. FSIS also requests comments on how point-of-purchase materials would convey the nutrient values of ground or chopped products that contain AMR product or product from low temperature rendering (e.g., finely textured beef or lean finely textured beef). In addition, FSIS requests comments on how consumers would identify which nutrient values on point-of-purchase materials correspond to specific ground or chopped products available in the store, if a statement of fat percentage or lean percentage is not required on the product. Such statements would not be required under this supplemental proposed rule. Finally, FSIS requests surveys, studies, or other data on consumers' perception and use of point-of-purchase materials versus nutrition labels for ground or chopped products and on consumers' understanding of the nutrient content of such products.

Exemptions: This supplemental proposal would provide all the exemptions that it proposed for the major cuts of single-ingredient, raw meat and poultry products and for ground or chopped products for the reasons set forth in the proposal. Consistent with the proposed rule, it does not provide an exemption for ready-to-eat ground or chopped products packaged or portioned at retail or multi-ingredient ground or chopped products that are processed at retail. As FSIS explained in the 2001 nutrition labeling proposed rule, there may be a significant amount of multi-ingredient ground beef retail processed products or ready-to-eat retail packaged products. Also, as was stated in the proposed rule, FSIS no longer believes enforcement of nutrition labeling requirements at retail stores to be impractical because FSIS is already conducting testing for *E. coli* O157:H7 at retail.

In response to comments, the supplemental proposal provides an

exemption from nutrition labeling requirements for products that are ground or chopped at an individual customer's request and that are prepared and served or sold at retail, provided that the labels or labeling of these products bear no nutrition claims or nutrition information.

Enforcement and Compliance:

Consistent with the proposed rule and the reasons discussed in it, under this supplemental proposed rule, FSIS would sample and conduct nutrient analysis of ground or chopped products to verify compliance with nutrition labeling requirements, even if nutrition labeling on these products is based on the most current representative database values contained in USDA's National Nutrient Data Bank or the USDA National Nutrient Database for Standard Reference and there are no claims on the labeling. Also consistent with the proposed rule, for the major cuts that are not ground or chopped, if nutrition labeling of these products is based on USDA's National Nutrient Data Bank or the USDA's National Nutrient Database for Standard Reference, and there are no nutrition claims on the labeling, FSIS would not sample and conduct a nutrient analysis of these products.

Permitting Percent Lean Statements on labels or in labeling of ground or chopped products: Consistent with the proposed rule, the supplemental proposed rule would permit a statement of lean percentage on the label or in labeling of ground or chopped meat and poultry products that do not meet the regulatory criteria for "low fat," as long as a statement of fat percentage is contiguous to, in lettering of the same color, size, and type as, and on the same color background as, the statement of lean percentage. Because the percent fat statement must be contiguous to the percent lean statement and must be in lettering of the same color, size, and type as, and on the same color background as, the lean percentage statement, FSIS believes that the percent lean statements will not mislead consumers.

Under the proposed rule, if small businesses produced ground or chopped product and included a statement of lean percentage and fat percentage on the product's label or in labeling, the business would have been required to include nutrition information on the product label. Based on the National Cattleman's Beef Association (NCBA) National Meat Case Study in 2004, 93 percent of ground beef packages had statements of lean or fat percentages. Sixty-eight percent of packages with such statements had nutrition facts panels and 25 percent did not. Because

25 percent of ground beef packages in the NCBA study had statements of lean or fat percentages but did not have nutrition facts panels, FSIS found it reasonable to conclude that many small businesses may include a statement of the lean percentage on the label of ground products but may not include nutrition facts panels on the product label. On this basis, FSIS concluded that requiring small businesses that use the lean percentage statement on the label of ground products to also include nutrition information on the label of such products may result in significant expenses for small businesses. Therefore, in this supplemental proposed rule, small businesses that use statements of percent fat and percent lean on the label or in labeling of ground products would be exempt from nutrition labeling requirements, provided they include no other nutrition claims or nutrition information on the product labels or labeling.

The majority of industry associations supported the use of a statement of lean percentage on the label or in labeling of ground products that do not meet the regulatory criteria for "low fat." Because of the longstanding use of the statements of percent fat and percent lean on the label or in labeling of ground beef and hamburger products, FSIS has concluded that such statements on the label or in labeling of ground products produced by small businesses will not mislead consumers, even if the small businesses do not include nutrition information on the products' labels.

However, individuals and consumer and nutrition organizations generally did not support the use of statements of lean percentages on the label or in labeling of ground or chopped products that do not meet the regulatory criteria for "low fat." Therefore, FSIS requests comments on whether such statements should be prohibited on the label or in labeling of ground or chopped products that do not meet the regulatory criteria for "low fat." FSIS requests comments on whether lean percentage statements are inherently misleading to consumers on the label or in labeling of ground or chopped product that does not meet the regulatory criteria for "low fat" when contiguous to fat percentage statements, as the rule would require. FSIS also requests comments on whether lean percentage statements are redundant on the label or in labeling of such products when contiguous to fat percentage statements. If commenters believe the regulations should prohibit lean percentage statements on the label or in labeling of ground or chopped products

that do not meet the "low fat" criteria, FSIS requests comments on whether a fat percentage statement on the label or in labeling of such products would be useful. If commenters believe such a statement would be useful, do they believe it should be required on the label or in labeling for these products?

FSIS also requests comments on whether the final rule should allow a lean percentage statement and fat percentage statement on the label or in labeling of ground or chopped products produced by small businesses if such product does not include nutrition information on the product label. If commenters believe that nutrition information should be required on labels of any ground or chopped product for which a lean percentage and fat percentage statement is provided on the label or in labeling, FSIS requests comment on the costs of this requirement for small businesses.

FSIS requests copies of surveys, studies, or other data on consumers' use and understanding of lean percentage and fat percentage statements on ground or chopped products.

Effective Date

Should this rule become final, FSIS intends that the requirements for ground or chopped products would become effective on January 1, 2012. FSIS issued final regulations to establish this date as the uniform compliance date for new food labeling regulations that are issued between January 1, 2009, and December 31, 2010 (73 FR 75564; December 12, 2008). As is discussed in the response to comments below, FSIS issued the uniform compliance regulations to minimize costs associated with on-package labels. Because this supplemental proposed rule would allow for the presentation of nutrition information for the major cuts of single-ingredient, raw meat and poultry products at their point-of-purchase, FSIS intends to make the labeling requirements for the major cuts effective one year from the date of publication of the final rule. FSIS requests comments on these two planned effective dates.

Availability of Nutrition Information

FSIS intends to make available nutrition labeling materials that can be used at the point-of-purchase of the major cuts at the following Internet address: <http://www.fsis.usda.gov>. Also, the Food Marketing Institute (FMI) has made available materials that can be used at the point-of-purchase of the major cuts at the following Internet address: <http://www.fmi.org/consumer/nutrifacts/>.

The USDA National Nutrient Database for Standard Reference is developed and maintained by the Agricultural Research Service (ARS) and can be found on the Internet at the following address: <http://www.ars.usda.gov/nutrientdata>.

Information is available at this site for ground beef products containing 5%, 10%, 15%, 20%, 25%, and 30% fat. In addition, ARS has included a calculator on the Internet, with the Database. Parties can enter the amount of fat (5% to 30% percent fat) or lean (70% to 95% lean) in a particular raw ground beef product, and the calculator will calculate the nutrient values for the product based on the fat value entered.

The USDA National Nutrient Database for Standard Reference also includes a set of tables with nutrient values for ground pork with fat levels from 4 to 28%, in one percent increments. ARS

did not develop a calculator because, at this time, labeling for ground pork at retail does not include statements of percentage fat or percentage lean. The USDA Nutrient Database also includes nutrient values for raw and cooked ground chicken but does not include nutrient values for such product at varying fat levels. Ground chicken is not typically produced over a wide range of fat levels. ARS also has nutrient data for three types of commonly marketed ground turkey products. Nutrient values for these products are not yet in the database. However, ARS expects that the nutrient values for these ground turkey products will be available in the database by August 2010. Most ground poultry products are produced and labeled at Federal establishments rather than at retail.

FSIS requests comments on whether provision of nutritional tables will be sufficient for retailers and establishments to provide nutrition labels for ground pork. FSIS also requests comments on whether the available data for ground chicken and ground turkey in the USDA Nutrient Database will be sufficient for retailers and establishments.

Below are examples of nutrition labels for ground or chopped products that would meet the requirements of the supplemental proposed rule. Should this rule become final, FSIS will make additional examples of acceptable nutrition labels for ground or chopped products available on the Agency's Web site.

BILLING CODE 3410-DM-P

GROUND BEEF

80% Lean 20% Fat

TM

RR13d

Nutrition Facts

Serv. Size 4 oz. (112g)
Servings Per Container varied

Calories 280
Calories from Fat 200

* Percent Daily Values (DV) are based on a 2,000 calorie diet.

Amount/serving	%DV*	Amount/serving	%DV*
Total Fat 23g	35%	Total Carb. 0g	0%
Sat. Fat 9g	45%	Fiber 0g	0%
Cholest. 85mg	28%	Sugars 0g	
Sodium 70mg	3%	Protein 20g	38%
Vitamin A 0% • Vitamin C 0% • Calcium 0% • Iron 10%			

KEEP REFRIGERATED

COOK TO A MINIMUM OF 160°F INTERNAL TEMPERATURE.

COLOR IS NOT AN ACCURATE INDICATOR OF FINAL COOKED TEMPERATURE.

100% PURE Extra Lean Ground Chicken

96% Lean 4% Fat

TM

RR06

✓ American Heart Association

Meets American Heart Association food criteria for saturated fat and cholesterol for healthy people over age 2.

While many factors affect heart disease, diets low in saturated fat and cholesterol may reduce the risk of this disease.

Nutrition Facts

Serv. Size 4 oz. (112g)
Servings Per Container varied

Calories 130
Calories from Fat 25

* Percent Daily Values (DV) are based on a 2,000 calorie diet.

Amount/serving	%DV*	Amount/serving	%DV*
Total Fat 4g	6%	Total Carb. 0g	0%
Sat. Fat 1.5g	8%	Fiber 0g	0%
Cholest. 65mg	22%	Sugars 0g	
Sodium 50mg	2%	Protein 24g	48%
Vitamin A 0% • Vitamin C 0% • Calcium 2% • Iron 14%			

Manufactured By AB, Inc. General Offices Dakota Dunes SD 57049

GROUND BEEF

73% Lean 27% Fat

TM

R036c

Nutrition Facts

Serv Size 4 oz (112g)
Servings Per Container varied
Calories 340
Calories from Fat 270

* Percent Daily Values (DV) are based on a 2,000 calorie diet.

Amount/serving	%DV*	Amount/serving	%DV*
Total Fat 30g	46%	Total Carb. 0g	0%
Sat. Fat 12g	60%	Fiber 0g	0%
Cholest. 95mg	32%	Sugars 0g	
Sodium 75mg	3%	Protein 19g	35%
Vitamin A 0% • Vitamin C 0% • Calcium 0% • Iron 10%			

KEEP REFRIGERATED
COOK TO A MINIMUM OF 160°F INTERNAL TEMPERATURE. COLOR IS NOT AN ACCURATE INDICATOR OF FINAL COOKED TEMPERATURE.

BILLING CODE 3410-DM-C

Summary of and Response to Comments

FSIS received approximately 5,000 comments on the proposed rule from individuals, consumer advocacy organizations, academia, trade and professional associations, health and nutrition organizations, two county health departments, meat and poultry producers, and food retailers. The majority of the comments (approximately 3,500) were generated from a letter writing campaign initiated by a consumer organization. In addition, there were approximately 450 form letters that expressed consumers' concerns and did not identify an affiliation with any organization, approximately 60 form letters from a consumer co-op organization; and two sets of form letters from relatively small retail chains (approximately 10 letters in each set).

A summary of issues raised by commenters and the Agency responses follows.

Nutrition Labeling for the Major Cuts of Single-Ingredient, Raw Meat and Poultry Products

Comment: The majority of letters from individuals, consumer groups, and health organizations stated that FSIS should require on-package nutrition labeling for all single-ingredient, raw meat and poultry products (major and nonmajor cuts). They stated that point-of-purchase materials fail to convey effectively the nutrition information for specific fresh meat or poultry products because the materials are difficult to find and difficult to read. Some of these commenters also stated that nutrition labels are particularly important for meat and poultry products because they are a major source of fat, saturated fatty acids, and calories.

A health organization stated that because the same cut of meat can be labeled by different names, consumers would be better served by nutrition information on the labels of the products. Several commenters stated that an advantage of including nutrition information on the label is that consumers could review the nutrient content once the product is taken home, and others, besides the primary food

purchaser, would have better access to the nutrition information. A nutrition association stated that if FSIS permits point-of-purchase information for fresh meat and poultry packages, the Agency should require on-package messages directing consumers to point-of-purchase labeling at another location in the store.

One consumer association noted that a recent telephone survey showed an overwhelming percentage (78%) of the respondents said that it was "more useful" to provide nutrition information about raw meat and poultry products on package labels than on posters or brochures.

Comments from a coalition of health and consumer organizations suggested that the nutrient content for ground products often has less variance than the nutrient content of specific cuts. Thus, the coalition believes that it is more important to provide nutrition information on the labeling of major cuts than on ground products. The coalition also stated that the reasons provided by the Agency for mandating nutrition labeling on the packaging of ground products would be the reasons for mandating nutrition labeling on

packaging of the major cuts of meat or poultry (see 66 FR 4977). This coalition also stated that there are more major cuts than there are ground products, and it would be difficult for producers or retailers to develop point-of-purchase materials to address the different formulations and trim levels of the major cuts; and it would be difficult for consumers to locate the appropriate information for a particular cut on the point-of-purchase materials.

One health group stated that although on-package labeling may be a more effective approach for conveying nutrition information than point-of-purchase materials, the organization has historically supported the use of point-of-purchase materials as an acceptable means of nutrition labeling. This commenter also stated that for single-ingredient, raw products, other than ground or chopped products, the use of standardized averages is likely to be the most effective way to provide nutrition information, either on the package or at point-of-purchase. An individual also stated that for many major cuts, having the nutrition label next to the product would be sufficient.

A consumer organization did not believe that consumers have reasonable expectations as to the nutrient content, including the fat, of raw meat and poultry products. The organization referenced a consumer telephone survey in which most respondents were unable to identify which cut of meat had the highest fat content among four choices. One medical organization stated that although it may be true that the nutrient content of the major cuts is relatively uniform, consumers generally have no idea of the nutrient content of these foods.

The majority of industry and industry associations supported the continued use of point-of-purchase nutrition information materials for the major cuts, rather than nutrition labels on the packages of these products. Two of these groups presented results of focus group research demonstrating that consumers currently understand and use point-of-purchase materials in numbers comparable to the number of consumers who read and use the nutrition information on the labeling of products subject to the requirements of the mandatory nutrition labeling program. Additionally, according to the commenters, the focus group research demonstrates that consumers are generally satisfied with the current nutrition information provided for fresh meats.

One industry association stated that the use of individual nutrition labels may result in consumers' viewing a

smaller portion of the product and paying a higher amount for the product, because of the cost associated with maintaining a vast number of labels to be placed on the package. Additionally, according to this commenter, if the consumer intends to trim the fat from meat or remove the skin from poultry products, the nutrition information on the label would not adequately represent the product's nutrition information after fat had been trimmed from it or skin from it had been removed.

One industry commenter stated that it is extremely difficult to provide accurate nutrition information for each major muscle cut because nutrient content varies depending on the breed and quality of each animal. Another industry commenter stated that although "average" numbers from the USDA database are appropriate for point-of-purchase materials, because of the potential variations in specific individual cuts, trims and grades, the average numbers are not appropriate for on-package labeling, where consumers justifiably expect a label to accurately define the exact nutrient content of what is in that package.

Two industry commenters stated that according to the Agency's own survey, 62.7% of men and 57.9% of women rarely or never use the nutrition information provided on raw meat, poultry or fish (see 66 FR 4982, January 18, 2001). They speculated that this low usage may in part be explained by the fact that consumers already have reasonable expectations regarding the nutrient values of these products as a result of industry's voluntary efforts to provide this information. Similarly, one retail association stated that consumers have reasonable expectations as to the nutrient content of major cuts, and that the nutrient content of a given major cut is relatively uniform across the market. An industry commenter stated that, unlike ground meat, consumers can see and remove the fat from whole muscle meat.

Another industry organization stated that single-ingredient, raw meat and poultry products have a unique quality: the structure of the cut, including the amount of fat, is visible both on the exterior and within the muscle cut. As a result, consumers can visibly discern which products are leanest. However, the commenter also believed that consumers would benefit from additional nutrition information because consumers cannot discern the quantitative nutrient content of single-ingredient, meat and poultry products without the nutrition information

provided on point-of-purchase materials.

Response: As FSIS proposed, should this rule become final, it will require that nutrition information be provided for the major cuts of single-ingredient, raw meat and poultry products, either on the label or at the point-of-purchase. Although FSIS continues to agree with the commenters who stated that nutrition labels on the major cuts of single-ingredient, raw products are useful, FSIS believes that consumers have reasonable expectations as to the nutrient content of these products and can make comparative judgments about the fat content of the various cuts. While consumers' expectations for these products may not be perfect, they are significantly more aware of the nutritional content of single cuts of meat than the nutritional content of ground meat. Thus, the rule allows an alternative way of providing nutrition information for major cuts of single-ingredient, raw products. As is discussed above, even though FSIS believes that consumers have reasonable expectations concerning the nutrient content of the major cuts, without nutrition information for these products, consumers cannot assess specific nutrient levels in them and cannot make educated choices about consuming them. These educated choices are significant to a consumer's effort to construct a healthy diet.

FSIS does not believe that the telephone survey results used by a consumer organization in support of their belief that most consumers do not have reasonable expectations of the nutrient content of raw meat and poultry demonstrate that consumers do not have reasonable expectations concerning the major cuts. FSIS does not believe it is reasonable to expect consumers in a telephone survey to be able to identify which individual cuts of meat or poultry have the highest fat levels. However, if shown pictures of the various cuts (that are not ground or chopped), FSIS believes that most consumers could identify the cut with the most fat, by its internal marbling and external fat cover. The medical organization commenter stated that consumers generally have no idea of the nutrient content of the major cuts provided no data to substantiate this statement.

Although individuals, and consumer organization commenters, stated that point-of-purchase materials are difficult to read, they provided no explanation for their assertion that these materials are difficult to read. Their other concern about the difficulty of finding point-of-purchase materials will be taken care of

by this rule. Should it become final, the rule will require that point-of-purchase materials be made available in close proximity to the food (§ 317.345(a)(3) and § 381.445(a)(3)).

Regarding the health organization's comment that the same cut of meat can be labeled by different names, and thus consumers would be better informed by nutrition information on a product's label, FSIS is not aware that consumers are confused about the names of the major cuts of single-ingredient, raw products listed on point-of-purchase materials. FMI was involved in developing these materials, and that organization has the most current names used to designate the major cuts. However, if necessary, retail facilities and establishments can include multiple names for a major cut on point-of-purchase materials. In addition, if FSIS is informed of specific cuts that are identified by different names, FSIS will revise the point-of-purchase materials that it is making available on the Internet.

After the comment period for the proposed rule ended, FSIS received correspondence from industry stating that the list of major cuts in the regulations should be changed to reflect more accurately the most popular cuts in the market. This correspondence recommended removing certain cuts and adding others. Because FSIS did not propose to amend the codified list of major cuts in the regulations and did not provide an opportunity for the public to comment on proposed changes to the list, FSIS is not amending the list of major cuts in the regulations at this time. However, FSIS will review this issue, and if the Agency determines that a change in the list of major cuts is warranted to accurately represent the market, FSIS will pursue future rulemaking.

Regarding the comments that noted that an advantage of including nutrition information on the label is that consumers can review the nutrient content of the product once the product is taken home, and others besides the primary food purchaser would have better access to this information, surveys, including the Diet and Health Knowledge Survey (DHKS), show that a majority of individuals report using labels while buying foods. Although the DHKS shows that adults who are not main household shoppers use labels, the survey shows that the main shoppers use labels at a higher rate than those who are not main household shoppers. Also, FSIS assumes that if individuals in a household have certain nutrition practices and needs, the person who purchases food for the household would

take other household members' needs and preferences into account. In addition, FSIS assumes that purchased food would typically be consumed by members of the household and not thrown away.

In response to the comment that the nutrient content of the major cuts may be more variable than that of ground products, FSIS recognizes that there is significant variability in the nutrient content of the major cuts depending on the grade of the product and the levels of exterior fat on the products. However, the point-of-purchase materials that FSIS and FMI have developed to convey nutrition information for the major cuts take into account this variability and reflect average nutrition information for these products. The information on the point-of-purchase materials is meaningful and accurate for the major cuts. Consumers can view the point-of-purchase materials to make educated choices based on nutrition information among the different major cuts. In addition, to further distinguish among different packages of the same major cut, consumers can make comparisons based on levels of visible fat on the product.

This coalition's other concern that it would be difficult for producers or retailers to develop point-of-purchase materials to address the different formulations and trim levels of the major cuts need not be a concern. FSIS and FMI have made available nutrition information that can be displayed at the point-of-purchase of the major cuts of single-ingredient, raw meat and poultry products. These point-of-purchase materials will meet the nutrition labeling requirements of this rule, should it become final. Furthermore, requiring that all major cuts of single-ingredient, raw meat and poultry products bear nutrition labels would be a significant cost to the industry based on FSIS's supplemental proposed cost analysis.

Comment: Two industry commenters stated that it was appropriate for FSIS to provide point-of-purchase materials via the Internet. They believed that this would lessen the burden on retailers unable to develop appropriate customized nutrition information. One of these commenters also stated that the Agency should develop point-of-purchase materials so that the nutrition information supplied would be accurate and consistent.

With regard to the type of point-of-purchase materials used to display nutrition information, several commenters stated that easy to understand charts that convey the information would be more helpful and

informative to consumers than a collection of individual labels on display. One industry organization commenter, however, stated that each option of the display of nutrition information on charts or on individual display panels had advantages. This industry organization believed that the presentation of information in charts which have vertical and horizontal columns, that cover multiple products, would allow consumers to make comparisons and would consume less space than individual labels. This organization also stated that charts are readily available to retailers. However, this organization felt that consumers might be more familiar with single nutrition panels than with nutrition charts covering multiple products. Nevertheless, this organization believed that the provision of nutrition panels for every major cut at their point-of-purchase would be costly and would consume a significant amount of space in retail settings. Thus, the organization concluded that retailers should have the freedom to present nutrition information in any way that suits customer needs, so long as it is not misleading. Accordingly, the commenter suggested that USDA conduct research to determine the best method of presenting such information.

Several industry commenters stated that the Agency should describe the information required but should not prescribe a specific format or presentation of the information so that retailers that want to develop customized point-of-purchase materials can develop customized materials. These commenters believed it was important to provide as much flexibility in the development of nutrition materials as possible. One of these commenters also stated that the Agency should only prescribe the specific required presentation of the nutrition information after significant consumer testing.

Response: The Agency will provide nutrition information for the major cuts of single-ingredient, raw products that retailers can use at point-of-purchase at the following Internet address: <http://www.fsis.usda.gov>. Point-of-purchase materials are also available from FMI at the following Internet address: <http://www.fmi.org>. At this time, FSIS intends to provide information on charts with columns that cover multiple products, rather than providing a compilation of individual nutrition facts panels. The Agency does not intend to conduct consumer surveys or additional research to determine whether individual nutrition labels or charts covering multiple products would best address

consumer needs because most comments received on this issue supported the use of charts covering multiple products.

The Agency agrees with commenters that it is important to provide as much flexibility as possible in the presentation of nutrition information on point-of-purchase materials for the major cuts of single-ingredient, raw products. Therefore, should this rule become final, FSIS will allow point-of-purchase nutrition information for the major cuts to be presented through a variety of means, including signs, brochures, notebooks, or leaflets in close proximity to the food. The nutrition labeling information may also be supplemented by a video, live demonstration, or other media. Furthermore, if there is no nutrition claim made on the point-of-purchase materials, they will not be subject to any of the format requirements applicable to on-package nutrition labels. However, if a nutrition claim is made on the point-of-purchase materials, all of the format and content requirements applicable to on-package nutrition labels in §§ 317.309 and 381.409 will apply.

Consistent with existing voluntary and mandatory nutrition labeling program regulations, should this rule become final, the Agency will provide more flexibility for the presentation of nutrition information for the major cuts at the point-of-purchase than for the presentation of nutrition information on labels. FSIS believes this is appropriate and necessary because there is no small business exemption from nutrition labeling requirements for the major cuts. Also, FSIS does not want to impose any burden on retailers that are following the voluntary guidelines for voluntary nutrition labeling.

Comment: One animal protection organization supported allowing nutrition information for the major cuts of single-ingredient, raw products to be provided on an "as packaged" basis, as opposed to an "as consumed" basis, because there are numerous cooking methods, and the cooking method used could affect the nutrient content of the product. In addition, one industry association supported allowing nutrition information to be provided on an "as consumed" basis for the major cuts of single-ingredient, raw products.

Response: As proposed, for the major cuts and nonmajor cuts of single-ingredient, raw products, should this rule become final, it will allow nutrition information on the label or on point-of-purchase materials to be declared on either an "as packaged" basis or "as consumed" basis because, as noted in the proposed rule, most of the major

cuts of single-ingredient, raw meat and poultry products will not need FSIS compliance scrutiny (66 FR 4974, January 18, 2001). If nutrition information for these products is based on USDA's National Nutrient Database for Standard Reference, and there are no claims on the labeling, FSIS will not conduct a nutrient analysis of these raw products and, therefore, will not evaluate "as packaged" nutrition labeling information for these products. Consistent with the provisions in the voluntary nutrition labeling program, when nutrition information is presented on an "as consumed" basis, retailers or manufacturers will be required to specify a method of cooking that will not add nutrients from other ingredients such as flour, breading, and salt (§§ 317.345(d) and 381.445(d)). FSIS welcomes further comment on this issue.

Comment: An industry association and animal protection organization agreed that it was unrealistic to state the "servings per container" on the nutrition labels of the major cuts of single-ingredient, raw products because the majority of these products are random weight items.

Response: FSIS agrees that the number of serving per container is not necessary information on the nutrition labels of the major cuts or nonmajor cuts of single-ingredient, raw products, because these products are typically random weight products. For multi-ingredient and heat-processed products that must bear nutrition labels, the number of servings is not required on random weight products (§§ 317.309(b)(10)(iii) and 381.409(b)(10)(iii)).

Comment: Several industry groups believed that the voluntary nutrition labeling program should remain in place, and that FSIS should not require nutrition labeling of the major cuts of single-ingredient, raw products. One retail association stated that FSIS could improve voluntary compliance with nutrition labeling guidelines without requiring nutrition labeling for the major cuts by making the same free information available that it plans to make available under the new regulations. Similarly, a form letter that multiple retailers submitted stated that FSIS could increase compliance with the voluntary guidelines at less cost to consumers than the regulations would generate by providing free and updated information to retailers. Several individuals stated that the USDA should not establish new labeling requirements for meat products because they believed that current labeling on these products is sufficient.

As noted above, two commenters stated that according to the Agency's own data, 62.7% of men and 57.9% of women rarely or never use nutrition information on raw meat, poultry or fish. Given such low usage, the commenters stated that FSIS should not require nutrition labeling for the major cuts of single-ingredient, raw products but should be more flexible in encouraging greater participation in the voluntary program.

Two industry commenters questioned the accuracy of the USDA surveys that did not find significant participation in the voluntary nutrition labeling program. They stated that the USDA surveys in 1996 and in 1999 checked only for the presence of the "new" formatted nutrition information; one of these commenters stated that FSIS did not announce in the *Federal Register* that only "new" materials would be considered.

These commenters also noted that FSIS determined whether significant participation in the voluntary nutrition labeling program existed based on the number of stores found to be in compliance. However, these commenters stated that equal consideration should have been given to the volume of product for which nutrition information was provided and the numbers of shoppers given access to the information. These commenters noted that volume-weighted participation would have represented 60 percent participation in the voluntary nutrition labeling program.

One of the commenters that questioned the accuracy of the surveys also stated that the surveys were not conducted every two years; it is not clear that every chain company was included; neither the 1996 nor the 1999 survey reported on nutrition information that was applied in label form directly to the package; and the surveys may have included stores that the organization believes should be exempt from the nutrition labeling guidelines. The other commenter that questioned the accuracy of the surveys stated that, given a variance factor of 4% (a conservative margin of error based on 2,000 stores, according to the survey reports), store participation could have been 70.5% in 1995, 61.5% in 1996, and 58.5% in 1999. In other words, FSIS could have found significant participation existed in two of the surveys.

Response: FSIS continues to believe that nutrition information for the major cuts of single-ingredient, raw products is important and necessary. In addition, FSIS believes that requiring nutrition labeling of the major cuts of single-

ingredient, raw meat and poultry products will result in benefits. FSIS did encourage participation in the voluntary nutrition labeling program through meetings with industry. Further, nutrition labeling materials for the major cuts have been available on FMI's Web site for several years (<http://www.fmi.org>). Despite this and FSIS's encouragement of the use of such materials, the 1999 voluntary nutrition labeling survey found a lower rate of participation than the 1996 survey found. Thus, the fact that nutrition information was available was insufficient to ensure consumers received the necessary nutrition information. By making the guidelines currently in place for the voluntary nutrition labeling program mandatory, FSIS will ensure that consumers are provided with necessary nutrition information concerning the major cuts.

To determine how much of a behavioral response and change in dietary intake might result from providing more nutrition information on meat and poultry products in the proposed rule's benefits analysis, FSIS assumed that when labels and other sources of nutrition information were provided for raw meat and poultry products, the usage rates would rise to match nutrition label usage rates for food products as a whole (66 FR 4990, January 18, 2001). As FSIS noted, although some information was being provided for some single-ingredient, raw meat and poultry products, nutrition information for these products was not required. FSIS noted it could be reasonably assumed that when nutrition information becomes mandatory, more consumers will use the nutrition information for the major cuts of single-ingredient, raw products.

FSIS does not believe that the surveys conducted to determine whether there was significant participation in the voluntary nutrition labeling program were inaccurate because they were not conducted precisely every two years or because of the manner in which FSIS determined whether there was significant participation. FSIS's regulations provide that the Agency would evaluate significant participation every 2 years (§§ 317.343(e) and 381.443(e)). However, the timing of these surveys did not make them invalid. Although FSIS did not conduct the surveys precisely 2 years apart, the Agency conducted the surveys approximately every two years.

Further, the survey conducted in June 1995 included as participants in the voluntary nutrition labeling program those retailers who displayed at point-of-purchase either materials that were

developed before or after issuance of the 1993 final rule on nutrition labeling. The older nutrition information materials, which were developed in 1992, did not comply entirely with the voluntary nutrition labeling program provisions in the 1993 final rule. For example, the older materials did not include the required percent daily values for certain nutrients. Therefore, the results of the 1995 survey may have actually overestimated participation in the voluntary nutrition labeling program.

Additionally, the 1996 and 1999 surveys correctly only counted a store as providing voluntary nutrition information for meat and poultry products if it displayed point-of-purchase materials that were developed after the final rule was published. FSIS program officials had decided that by 1996 retailers had had enough time to obtain the updated nutrition labeling materials for display in their stores. FSIS did not announce in the **Federal Register** that only "new" materials would be considered to meet the voluntary nutrition labeling program guidelines. However, FSIS met with industry organizations and informed them that, in the 1996 survey, the Agency would only consider "new" materials to meet the voluntary nutrition labeling program guidelines. It could reasonably be expected that stores that were participating in the program would replace the materials over the course of three years.

Moreover, consistent with its stated intention to sample all chain companies (58 FR 640, January 6, 1993), the contractor that conducted the surveys on behalf of FSIS used various sources to sample all chains, including Retail Diagnostics, Inc.'s listing of supermarkets, *Progressive Grocer Marketing Guidebook*, *Progressive Grocer MarketScope*, *Chain Store Guide Directory of Supermarkets & Convenience Store Chains*, and the latest U.S. Economic Census. Moreover, although the surveys do not report the number of stores found to be providing nutrition information on package labels, the surveys did take this into account. Retailers were considered to be participating in the voluntary program when they provided nutrition information on nutrition labels or on point-of-purchase materials, in accordance with program guidelines, for at least 90 percent of the major cuts sold at the facility.

FSIS correctly did not make a determination of whether there was significant participation in the voluntary nutrition labeling program based on the volume of product for

which nutrition information was provided and the number of shoppers given access to the information. FSIS regulations clearly provide that a determination of whether significant participation in the voluntary nutrition labeling program existed was to be based on the percentage of companies evaluated that were participating in accordance with the guidelines. Significant participation would exist if at least 60 percent of all companies that were evaluated were participating in accordance with the guidelines. As is explained above, the term "companies," as used in the regulations, refers to individual stores. The preamble to the 1993 nutrition labeling rule stated, "FSIS will use a representative sample of stores to obtain the information necessary to assess participation" (58 FR 640, January 6, 1993). FSIS developed these regulations through notice and comment rulemaking, and FSIS conducted the surveys consistent with the regulations and the 1993 preamble statement. No comments received in response to the November 27, 1991, proposed rule on nutrition labeling stated that significant participation should be based on the volume of product covered and the number of shoppers given access to this information.

In addition, as FSIS explained in the preamble to its final nutrition labeling regulations in 1993, it is important to provide nutrition information to consumers and, to the extent possible, to harmonize with FDA's voluntary program for raw fruit, raw vegetables, and raw fish (58 FR 640, January 6, 1993). Consistent with FSIS's regulations, FDA's regulations provide that substantial compliance exists with the guidelines for the voluntary nutrition labeling for raw fruits, vegetables, and fish when at least 60 percent of all stores that are evaluated are in compliance (21 CFR 101.43(c)).

The 1995 survey found that 66.5% of stores were participating in the voluntary nutrition labeling program; the 1996 survey found that 57.5% of stores were participating; and the 1999 survey found that 54.5% of stores were participating. Based on the regulations, stores were found to be participating in the voluntary nutrition labeling program if they provided nutrition information for 90% of the major cuts in their stores.

FSIS recognizes that, given a variance factor of plus or minus 4%, store participation could have been 70.5% in 1995, 61.5% in 1996, and 58.5% in 1999. However, even assuming a plus 4% margin of error, the 1999 survey showed that significant participation did not exist. Furthermore, given a

variance factor of 4%, store participation also could have been 62.5% in 1995, 53.7% in 1996, and 50.8% in 1999. Significantly, the 1999 participation rate was lower than the 1996 participation rate. As a result, FSIS concluded that it had an obligation under its regulations to institute this rulemaking. The Agency did not survey again after 1999.

Consistent with the regulations, the surveys assessed whether stores provided nutrition information for 90% of major cuts stocked in their stores (§ 317.343(b) and § 381.443.(b)). In addition, the surveys assessed whether stores provided nutrition information for a lower percentage of such products. The 1996 survey found that 59.4% of stores provided nutrition information, according to voluntary guidelines, for 70% to 90% or more of their major cuts. Thus, based on the 1996 survey, even if FSIS includes stores that provided nutrition information according to the voluntary guidelines for only 70% of their major cuts, this percentage of stores is not quite 60% and, thus, still does not meet the "significant participation" criteria in the regulations.

In the 1999 survey, 58.3% of stores provided nutrition information, according to the voluntary guidelines, for 50% to 90% or more of their major cuts. Again, this percentage of stores is still not quite 60% and does not meet the "significant participation" criteria in the regulations. Based on the 1999 survey, even if FSIS includes stores that provided nutrition information according to the voluntary guidelines for only 50% of their major cuts, FSIS still would not find 60% participation. (See Table 7 of the surveys on the FSIS Web site: http://www.fsis.usda.gov/Frame/FrameRedirect.asp?main=http://www.fsis.usda.gov/OPPDE/rdad/FRPubs/Docs_98-005P.htm).

Comment: One retail industry association stated that, unamended by a legislative vehicle comparable to the Nutrition Labeling and Education Act, the meat and poultry Acts do not give USDA the statutory authority to mandate nutrition labeling regulations for single-ingredient, raw meat and poultry products.

Response: FSIS believes that without nutrition information, the labeling of major cuts of single-ingredient, raw meat and poultry products fails to include material facts about the consequences of consuming these products. This information is necessary for consumers to have if they are to make educated choices that are necessary in structuring a healthy diet. FSIS has concluded that the lack of this information on the labeling of the major

cuts causes the labeling of these products to be misleading. The FMIA and PPIA provide that a product is misbranded if its labeling is false or misleading in any particular (21 U.S.C. 601(n)(1) and 453(h)(1)). Without the nutrition information for the major cuts of single-ingredient, raw products that would be provided if significant participation in the voluntary nutrition labeling program existed, the Agency has concluded that these products would be misbranded under the FMIA and the PPIA (21 U.S.C. 601(n)(1) and 453 (h)(1)).

Mandatory Nutrition Labeling for Ground or Chopped Products

Comment: Many individuals, consumer organizations, and nutrition organizations supported mandatory nutrition labeling on the package for ground or chopped products. Several industry associations also supported these requirements and stated that these requirements were feasible and reasonable. One of these associations also stated that because ground meat products are formulated to have greater consistency and uniformity in their composition than other cuts, retailers can create a standard, on-package label that provides accurate, reliable nutrition information.

Consumer groups noted that several supermarket chains already include full nutrition facts labels on their ground beef products. These commenters believed that required nutrition labels for ground or chopped meat and poultry products would create the most informative and clear information for consumers.

Consumer and industry commenters stated that consumers cannot visually detect the fat content of ground beef products, and without on-package labeling, consumers cannot easily determine what nutrition information provided on point-of-purchase materials would apply to individual packages of ground products. However, one of the industry commenters that supported on-package nutrition labeling had concerns regarding the economic impact of this labeling.

Most industry trade associations and grocer associations did not support on-package nutrition labeling information for ground or chopped products. One industry association stated that the FMIA and PPIA do not support on-package nutrition labels for ground or chopped products. Another industry association stated that consumer education regarding the nutritional qualities of meat and poultry products, in conjunction with mandatory point-of-purchase labeling, would provide

consumers with sufficient information for ground or chopped meat and poultry products. Similarly, a third industry association supported mandatory nutrition labeling for ground or chopped products, provided it could be provided at their point-of-purchase.

Industry commenters stated that there is not room on the label of ground products for a nutrition facts panel. Two commenters stated that nutrition labels for ground or chopped products should be exempt from the current type size requirements or the labels will be too large; alternatively, these commenters suggested that FSIS should allow use of the linear label format.

Two industry commenters stated that results from surveys conducted in March 2001 indicated that the majority of their members routinely test for fat in ground beef. However, they believe that few retailers can determine nutrient or fat content of ground product blended at the store. Similarly, several other industry commenters stated that few retailers have, or could afford, equipment to determine the nutritional content, including fat, for the products they grind. Therefore, according to these commenters, mandating nutrition information on labeling may constrain small operations, limit the variety of ground products, and dissuade the practice of grinding at the request of the customer. An individual also stated that the proposed requirements for ground or chopped products would not be feasible for small grocers.

One retail industry association stated that, although retailers can readily measure the fat content of ground product, establishing the exact nutrient profiles on a daily basis would not be feasible. According to this commenter, if products were analyzed, they would no longer be salable by the time analytical results became available. Another retail industry association stated that some retail stores have access to fat content by using a fat analyzer when doing in-store grinding of meat or poultry products; however, testing for additional nutrient content would require the use of a laboratory and would prove costly. Another industry commenter stated that large, centrally processed ground products can be formulated to precise fat contents, but many ground products produced in retail settings cannot.

Two industry associations supported the required nutrition labels on ground or chopped products that are "case-ready" but not for products prepared and packaged at retail. Like other industry commenters summarized above, these commenters stated that retailers do not have the equipment

necessary to determine the finished product's nutrient content.

Two associations stated that most consumers purchase ground products based on percent lean, the cut, or the cost of product, rather than based on the other nutrient content information. Another association stated that according to survey data, 45% of consumers choose ground beef based on price, 23% based on cut, and 9% based on fat content.

Response: Should this rule become final, FSIS will require on-package nutrition information for these products rather than allowing nutrition information to be provided at their point-of-purchase for the reasons stated in the proposed rule. Because there are numerous formulations of ground or chopped products, it would be difficult for producers or retailers to develop point-of-purchase materials that would address all the different formulations that exist for these products. Furthermore, it would be difficult for consumers to find the correct information for a specific ground or chopped product on point-of-purchase materials that include information concerning numerous formulations of these products (66 FR 4977, January 18, 2001). If a statement of the fat percentage and lean percentage is not included on a package of ground product, consumers would not know which nutrient data concerning ground product on point-of-purchase materials would apply to that particular ground product. Establishments and retailers are not currently required to provide such a statement and will not be required to provide such a statement when this rule becomes effective.

The FMIA and PPIA do support on-package nutrition labels for ground or chopped products. The FMIA and PPIA provide that a product is misbranded if its labeling is false or misleading in any particular. FSIS has concluded that ground or chopped meat and poultry products that do not bear nutrition information would be misbranded under 21 U.S.C. 601(n)(1) and 453(h)(1). Information concerning the nutritional qualities of ground or chopped meat and poultry products is particularly important because these products, especially ground beef, are widely consumed. Pertinent nutritional information is integral to consumer purchase decisions because use of this information may result in the prevention of health problems and the reduction of health risks for some consumers. Additional information about the nutrient values of ground or chopped meat and poultry products would enable consumers to make

informed decisions about including these products in their diets and will, therefore, help consumers to construct healthy diets.

Thus, consistent with the recommendations from individuals, consumer organizations, and some industry comments, should it become final, this rule will require nutrition labels on all ground or chopped meat and poultry products, with or without added seasonings, unless an exemption applies. The rule will also require nutrition labels on packages of single-ingredient, raw ground or chopped products, rather than at their point-of-purchase. These products are similar to multi-ingredient products in the mandatory nutrition labeling program (which requires nutrition information to be on the label of individual packages). Just as producers can control the incoming ingredients and levels of such ingredients in multi-ingredient products, producers can precisely control the fat content of ground or chopped products to obtain the desired product. In addition, just as consumers cannot often see all the ingredients in multi-ingredient products, consumers cannot easily see the fat in ground or chopped products. The fat is uniformly distributed throughout the product and is not clearly distinguishable on the surface of the product. Therefore, consumers cannot estimate the fat levels in these products and cannot compare the fat levels in these products to those in other products. Thus, it is difficult for consumers to have a reasonable expectation of the nutritional quality of these products.

Many grocers and manufacturers currently provide nutrition facts panels on ground beef products; therefore, FSIS questions why certain commenters stated that there is not sufficient room on the label of these products for nutrition information. In addition, FSIS continues to believe that, unlike other single-ingredient, raw products, producers are able to formulate precisely the fat content of ground or chopped products. If, as some commenters suggested, grocers cannot determine the fat percentage in ground or chopped beef produced at retail, FSIS questions how they can be certain they produce product that meets the standard of identity for ground or chopped beef, which requires that the product not exceed 30 percent fat (*see* § 319.15).

Information on ground beef products containing 5%, 10%, 15%, 20%, and 25% fat is available through ARS at the following Internet address: <http://www.ars.usda.gov/nutrientdata>. In addition, ARS has included a calculator on the Internet, with the Database, that

allows parties to enter the amount of fat (5% to 30% fat) or lean (70% to 95% lean) in a raw ground beef product. The calculator will calculate the nutrient values for the product based on the fat or lean value entered. If retailers are able to determine the fat content, as two industry commenters suggested they could, they can use the ARS nutrient database to obtain the information necessary to help them determine other nutrient values in the product.

Additionally, the nutrition labeling requirements for ground or chopped products should not be particularly difficult for small operations, since ground or chopped product produced by retail establishments and Federal establishments that meet specific small business criteria will be exempt from nutrition labeling requirements (§§ 317.400(a)(1) and 381.500(a)(1)).

Moreover, a new exemption from the nutrition labeling requirements, that is provided in this supplemental proposed rule, should alleviate any concerns that nutrition labeling requirements will discourage retailers from grinding product based on customers' requests. Should it become final, the rule will provide an exemption from nutrition labeling requirements for ground or chopped products that are ground or chopped at an individual customer's request and that are prepared and served or sold at retail, provided that the labels or labeling of these products bear no nutrition claims or nutrition information.

If an individual customer selects an intact product for purchase and requests that the product be ground at the retail facility, FSIS has determined that nutrition information on the package of the ground product would not be necessary. In this instance, the customer has made the decision to purchase the product *before* it was ground. The customer is not selecting the product from among various, formulated, ground or chopped product, and thus the reasons for requiring a nutrition label on such a product would not be applicable here.

Comment: One animal protection organization stated that the nutrition information should be presented on an "as packaged" basis for ground or chopped meat and poultry products, and that "as consumed" information should be in addition to, not instead of, "as packaged" information. No commenters suggested that "as consumed" information alone was adequate.

Response: FSIS agrees with the commenter. Should it become final, the rule will require, as proposed, that nutrition information on the labels of

ground or chopped products be presented on an "as packaged" or "raw" basis. Although not required, a second column can be added to show nutrition information on the product on an "as consumed" or "cooked" basis. The regulations provide that if a product is commonly combined with other ingredients or cooked before eating, and directions for such combinations or preparations are provided, another column with nutrition information may be used (9 CFR §§ 317.309(b)(15) and (e) and 381.409(b)(15) and (e)). Therefore, the nutrition information required on packages of ground or chopped products will be consistent with the information required on multi-ingredient and heat processed products. FSIS requests further comment on this issue.

Comment: FSIS did not receive any comments on how much meat derived from advanced meat/bone separation and recovery (AMR) systems or how much low temperature rendered product is currently being used in ground or chopped products. However, an industry organization stated that the use of product from AMR systems in ground beef products would not cause a dramatic change in the nutrient content of the product such that it would be misleading to consumers. The commenter noted that, based on the data FSIS presented (see 66 FR 4976, January 18, 2001), the level of cholesterol in product containing meat from AMR systems is slightly elevated, and the level of iron in the product is above 20 percent of the value of iron product not containing meat from AMR systems. However, according to the commenter, the studies were not performed in a compliance context, and FSIS did not provide information concerning the historical levels of iron or other information that would shed light on whether the difference accords with good manufacturing practices.

Response: FSIS presented information concerning ground beef with AMR product for illustrative purposes only. The data show an increase in the level of calcium over what would occur if good manufacturing practices were used. Similarly, iron levels in ground beef that includes AMR product may be higher than those in ground beef that does not include AMR product.

In meetings with FSIS, representatives of the meat industry have stated that the percentage of ground beef with AMR product and the level of AMR product in ground beef is higher than FSIS previously thought. FSIS continues to believe that one of the reasons nutrition information on the labels of ground or chopped meat products is important is because producers may use product

from AMR systems in some of these products, and the use of AMR product can affect the nutrient values of these products. Finally, even though FSIS issued an interim final rule on AMR that provides specific restrictions on the levels of calcium and iron in AMR product (69 FR 1874, January 12, 2004), nutrition labeling of ground products that may contain AMR product is necessary to understand the nutritional profile of the food.

Comment: FSIS received few comments regarding consumer expectations of the fat content of ground products. One industry commenter stated that consumers do not have reasonable expectations of the nutrient content of ground products given the wide variation of fat and lean content.

Response: FSIS agrees that consumers do not have reasonable expectations of the nutrient content of ground or chopped products. Unlike whole muscle product, most consumers cannot visually discern which ground or chopped products have less fat, and which products have more fat, because the fat is ground in with the lean portion. In addition, producers may use meat from AMR systems and low temperature rendering in ground or chopped beef and pork products, which may affect the variability of these products.

No Requirements for Nonmajor Cuts

Comment: Several industry groups supported the proposal *not* to require nutrition labeling on nonmajor cuts that are not ground or chopped (e.g., pork jowls, pigs feet, pork leg, pork shoulder picnic, and beef round rump) and did not believe such labeling was needed in the future. Two industry commenters stated that when grades and trim levels are considered, there are over 3300 cuts of red meat products, and it would be impossible to provide information on this number of products.

One industry group also indicated that the major cuts identified by the nutrition labeling regulations are still relevant today as representing the greatest share of fresh meat consumption, thus suggesting that it is more important that nutrition information be provided for these products than for the nonmajor cuts of single-ingredient, raw products.

As discussed above, the majority of comments from individuals, consumer groups, and health organizations stated that FSIS should require on-package nutrition labeling for all single ingredient, raw meat and poultry products (major and nonmajor cuts). An animal protection organization recommended that FSIS take no more

than 24 months to investigate whether required nutrition labeling for single-ingredient, nonmajor cuts that are not ground or chopped is warranted.

Response: At this time, FSIS does not intend to require that nutrition information be provided for nonmajor cuts of single-ingredient, raw products that are not ground or chopped. FSIS has determined that it is not appropriate or necessary to require nutrition information for nonmajor cuts that are not ground or chopped at this time. They do not contribute in a major way to the diet. FSIS stated in the proposed rule that it intended to examine the current state of nutrition labeling for single-ingredient, raw products that are not ground or chopped and that are not major cuts (66 FR 4974, January 18, 2001). FSIS still intends to conduct this assessment but has not yet been able to do so because of competing priorities. Should this rule become effective, FSIS will examine and assess the adequacy of the nutrition information provided for the major cuts and will also determine whether sufficient nutrition information is being made available for the nonmajor cuts.

Permitting Percent Lean Statements on Labels or in Labeling of Ground or Chopped Products

Comment: Individuals and consumer and nutrition organizations generally did not support the use of statements of lean percentages on the label or in labeling of ground or chopped products that do not meet the regulatory criteria for "low fat." A coalition of consumer and health and nutrition organizations stated that permitting such claims on packages of ground meat and poultry is inherently deceptive and will confuse consumers about the healthfulness of fresh ground meat and poultry products compared to other fresh meat, processed meat, and other foods. This coalition and an individual stated that a statement of fat percentage without a statement of lean percentage would be an effective means of allowing consumer comparison of ground products. Similarly, a medical school stated that, instead of a statement of "lean" on ground or chopped products, labeling of ground or chopped products should list the actual amount of fat in terms of "x% fat or less."

One medical organization suggested that instead of a statement of lean percentage as a quick reference, FSIS should allow a "percent calories from fat" statement on labeling of ground or chopped products. According to this commenter, this statement would allow comparisons among ground products and would also allow a comparison of

the amount of fat in the product to the daily amount of fat recommended in USDA dietary guidelines and the daily amount of fat recommended by other health associations.

One animal protection organization suggested that the use of percent lean statements is highly misleading since "percent lean" refers to percent by weight not percent of calories.

As a better means to compare ground products than a statement of the percentage fat and percentage lean in the product, one consumer organization noted that many packages of ground meat or poultry would meet the regulatory criteria for "reduced fat," "light," and "lower fat" nutrient content claims. This organization stated that such claims are now familiar to consumers, and that the use of such claims would ensure uniformity across product categories and reduce consumer confusion.

In contrast, an industry association did not support "reduced fat" labeling on ground products because, according to the commenter, it would penalize retailers who offer only the leanest products and do not offer those with higher fat content. In addition, the commenter believed that "reduced fat" labeling would be confusing to consumers who understand and have come to rely on the percentage fat and lean statements that are currently in use.

Two poultry industry associations did not support the provision for statements of lean percentages on ground or chopped products that do not meet the regulatory criteria for "low fat." These associations stated that allowing the use of a statement of lean percentage on ground product that does not meet the regulatory criteria for "low fat" would be misleading, and that there is no basis for exempting ground product from the regulatory criteria for "low fat" that normally applies to product labeled "lean" (see §§ 317.362(e)(1) and (2) and 381.462(e)(1) and (2)).

The majority of industry associations supported the use of a statement of lean percentage on the label or in labeling of ground products that do not meet the regulatory criteria for "low fat." They believed that the statement of lean percentage on ground beef products is not misleading and is a useful tool for consumers. Several commenters discussed telephone surveys whose findings indicated that the statement of lean percentage does not mislead consumers. The commenters stated that these surveys indicated that many consumers use the statements of lean and fat percentages as a basis for selecting ground beef products, and that most consumers understand that the

statement of fat percentage indicates the percentage of fat in the product, not the grams of fat, percent Daily Value, or percent of calories from fat. Several industry associations stated that the percent lean and percent fat statements, in combination with the nutrition facts panel, will benefit consumers and allow consumers to quickly differentiate among ground products and determine how a serving of ground product fits into their overall diet.

One industry group recommended that FSIS consider allowing retailers to make a statement such as "not more than 25% fat" for a 75% lean/25% fat ground beef product, and one industry commenter recommended a tolerance for percentage content statements comparable to the tolerance allowed for nutrient value variations.

Response: The supplemental proposed regulations would permit a statement of lean percentage on the label or in labeling of ground or chopped meat and poultry products that do not meet the regulatory criteria for "low fat." The regulations would require that a statement of fat percentage be contiguous to, in lettering of the same color, size, and type as, and on the same color background as, the statement of lean percentage.

Although individuals, consumer commenters and nutrition organizations generally did not support this provision, most industry commenters did. Industry commenters presented information from consumer surveys that showed that consumers understood the meaning of statements of lean and fat percentages on ground beef. Based on the survey information provided, interested consumers use this information as a quick way to compare ground beef products and as a means for ensuring the desired product is purchased. Additionally, based on the survey information discussed in the comments, consumers appear to understand that the percent lean statements simply indicate the percentage of lean versus fat in the products and do not interpret the information as a percent daily value (%DV) or percent of calories from fat in the product.

Producers, according to industry, have been using lean percentage statements on the labeling of ground beef and hamburger products for over 20 years (59 FR 26917, May 24, 1994). Because the percent fat statement must be contiguous to the percent lean statement and must be in lettering of the same color, size, and type as, and on the same color background as, the lean percentage statement, FSIS believes that the percent lean statements will not mislead consumers.

As the coalition and individual commenter suggested, producers may include a percent fat statement on the label or in labeling of ground products without including a percent lean statement, because a percent fat statement is factual information. A percent fat statement on ground or chopped products would be an acceptable alternative to a statement of lean and fat percentage. However, because of the longstanding use of the statements of percent fat and percent lean on the label or in labeling of ground beef and hamburger products, FSIS believes such statements on the label or in labeling of ground products will not mislead consumers.

As the consumer organization noted, ground or chopped products may meet the regulatory criteria for "reduced fat" or for "light." The provisions for the statement of percent fat and percent lean in ground or chopped products will not preclude producers from using "reduced fat," "light," and other nutrient content claims.

In response to the suggestion that FSIS allow a "percent calories from fat," FSIS already allows such a statement because it is factual information.

The current regulations do not preclude the use of the phrases "x% fat or less" or "not more than x% fat" on the labeling of ground or chopped product. The problem with the suggested alternative of listing the actual amount of fat in terms of "x% fat or less" or allowing statements such as "not more than 25% fat," is that these statements are implied claims as defined by § 317.369 for red meat and § 381.469 for poultry products. In order to use the implied claim, ground products would need to meet one of the definitions for a nutrient content claim for fat content in § 317.362(b)(2) or (4) or § 381.462(b)(2) or (4). According to these regulations, to use such phrases, the product would have to be "low fat," and most ground beef and hamburger do not qualify as "low fat." Alternatively, the product would have to qualify as having "reduced fat" and would need to meet a 25% reduction in fat compared to a similar product.

Finally, in response to the industry suggestion that FSIS provide a tolerance for percentage content statements comparable to the tolerance allowed for nutrient value variations, the same tolerances allowed for nutrient value variations (317.309(h)(5) and (6) and 381.409(h)(5) and (6)) would apply to the statements of the percentages of lean and fat in the product, because these statements are based on information in the nutrition facts panel.

Exemptions for Nutrition Labeling

Comment: Two industry organizations stated that there should be a small business exemption from the nutrition labeling requirements for the major cuts. They argued that the Agency's stated rationale for not providing a small business exemption for these products (*i.e.*, that FSIS intends to make point-of-purchase materials available over the Internet free of charge) shows a lack of understanding of the challenges faced by small businesses and the economic hardships that the regulation imposes. These commenters stated that many small businesses do not have Internet access. Additionally, according to these commenters, small stores may not have space available to post the point-of-purchase materials.

Response: If retailers cannot obtain the point-of-purchase materials over the Internet, should this rule become final, FSIS personnel will have copies of the information to provide to retailers. Furthermore, the regulations will provide flexibility in regard to the manner in which the required presentation and posting of nutrition information for the major cuts must be done, so that all retailers should be able to post the information or have it available to consumers without using much space. For example, posters with nutrition information could be on walls near the products, or brochures or leaflets could be placed in a box near the products.

Comment: One animal protection organization did not support the small business exemption from nutrition labeling requirements for ground or chopped products. This commenter stated that the exemption could create a significant information gap in small towns and rural areas where large chain retail and grocery stores do not have a presence. Similarly, an individual stated that there should be no exemptions from the nutrition labeling requirements.

One industry group stated that ground or chopped products with or without seasonings, processed or packaged at retail must continue to be exempt from nutrition labeling requirements. This commenter stated that the quantity of ground products actually prepared at retail represents a small portion of the average diet.

Two industry commenters stated that FSIS should allow an exemption for ground or chopped products that are custom processed. They stated that when a retailer is only providing a service, not a food product, the retailer should not be expected to bear the cost of providing nutrition information, especially in rural areas where families

raise their own animals and have a local meat market or supermarket provide the cutting and grinding service.

Response: FSIS believes that a small business exemption from nutrition labeling requirements is necessary for ground products, with or without seasoning. As explained in the proposed rule, small businesses should be exempt from mandatory nutrition labeling requirements for ground or chopped products because these requirements would create undue economic hardship for small businesses and would create disincentives for these small businesses to develop more nutritious food products (66 FR 4978, January 18, 2001). Therefore, should this rule become final, it will provide a small business exemption for ground or chopped products produced by retail facilities or official establishments that qualify for the exemption.

Should this rule become final, to qualify for the exemption, a retail store will either need to be a single retail store that employs 500 or fewer people or a multi-retail store operation that employs 500 or fewer people and will need to produce no more than 100,000 pounds of each ground product per year. For an official establishment to qualify for the exemption, it will need to be either a single-plant facility that employs 500 or fewer people, or a multi-plant company/firm that employs 500 or fewer people and will need to produce no more than 100,000 pounds per year of each ground product. As explained in the preamble to the proposed rule, ground or chopped products formulated to have different levels of fat would be considered different food products for the purposes of the small business exemption (66 FR 4978, January 18, 2001).

Should this rule become final, ready-to-eat ground or chopped products packaged or portioned at retail stores and similar retail-type establishments, and multi-ingredient ground or chopped products processed at retail stores and similar retail-type establishments, will be required to bear nutrition labels, unless the retail store or similar retail-type establishment qualifies for the small business exemption. Because a significant amount of ground beef is processed at retail, the Agency believes that there may be a significant amount of multi-ingredient ground beef retail processed products or ready-to-eat retail packaged products.

The Economics Research Service determined that ground beef accounted for 42 percent of all beef (boneless, trimmed-weight equivalent) consumed in 1996 (Putnam, Judy and Gerrior, Shirley, "Americans Consuming More

Grains and Vegetables, Less Saturated Fat, *Food Review*, Sept.-Dec., 1997, Vol. 20, Issue 3, pp. 2-12), and, as explained in the preamble to the proposed rule, most ground beef, traditionally, has been ground and packaged at retail (66 FR 4978, January 18, 2001). Therefore, ground beef products actually prepared at retail may represent a significant portion of beef consumed in the average diet.

When butchers custom grind product for customers, this product is considered a custom prepared product, and as such, this product will continue to qualify for an exemption from nutrition labeling requirements, should this rule become final.

Comment: One retail association and one consultant believed that the small business exemption for ground or chopped products should be phased in, in a manner similar to the way the small business exemption was phased in for nutrition labeling requirements in the 1993 FSIS final rule on nutrition labeling.

Response: FSIS disagrees with these commenters. Should this rule become final, the nutrition labeling requirements for ground or chopped meat and poultry products will apply to a much smaller number of products than the number of products subject to the 1993 final regulations on nutrition labeling. At this time, many businesses are familiar with nutrition labeling requirements; that was not the case in 1993. Therefore, as explained in the supplemental PRIA cost analysis, FSIS believes that it will not be costly for companies to add nutrition labels to packages of ground or chopped products.

Furthermore, many of the suppliers of coarse ground products that are then ground and packaged at retail have supplied, or can supply, the nutrition facts panels for the retailers. Most retailers offer a limited selection of ground beef products. Thus, dozens of different nutrition labels for each retailer will not be necessary. In addition, information for ground beef and other products is available through the National Nutrient Database for Standard Reference. In addition, should this rule become effective, the requirements for on-package nutrition labeling for ground or chopped products will not be effective until January 1, 2012.

Comment: Two industry commenters supported the continued exemption for multi-ingredient sausage products produced at retail. They stated that retail constraints in determining nutrient content support the continuation of the exemption. One

commenter asserted that the final regulation should specify that the provisions for ground or chopped products apply to product labeled as "hamburger, (species or kind) burger or ground or chopped (species or kind)" in order to differentiate such products from sausage products (ground meat with seasonings). This commenter stated that some parties might believe that the provisions for ground product apply to sausage products manufactured at retail.

Response: Nutrition information for sausage products are not covered by this regulation. Nutrition labeling requirements for these products were previously addressed in the 1993 nutrition labeling rule. Sausage, meat loaf, or beef patty mix are typically multi-ingredient products that are required to bear nutrition labeling, unless they qualify for an exemption, and multi-ingredient sausage products processed at retail will continue to be exempt from nutrition labeling requirements under § 317.400(a)(7)(ii) and § 381.500(b)(7)(ii). Because there is a standard of composition for ground or chopped beef (§ 319.15) and distinct standards of identity for sausage products, industry generally understands which products are referred to and labeled "ground or chopped products" and which products are referred to and labeled "sausage products."

In the 1993 final rule on nutrition labeling, FSIS exempted from mandatory nutrition labeling requirements multi-ingredient products processed at retail and ready-to-eat products packaged or portioned at retail. Therefore, multi-ingredient sausages processed at retail and ready-to-eat sausages packaged or portioned at retail are exempt from nutrition labeling requirements. The reasons that FSIS provided these exemptions in the 1993 final rule were that FSIS believed that it would be impractical to enforce nutrition labeling requirements on these products prepared or served at retail, and because the Agency concluded, based on a review of National Food Consumption Survey (NFCS) data, that the average person's diet consisted of an insignificant proportion of ready-to-eat retail packaged products or retail processed products (58 FR 639, January 6, 1993).

Should this rule become final, FSIS will not exempt ready-to-eat ground or chopped products packaged or portioned at retail or multi-ingredient ground or chopped products that are processed at retail because, as FSIS explained in the 2001 nutrition labeling proposed rule, there may be a

significant amount of multi-ingredient ground beef retail processed products or ready-to-eat retail packaged products. Also, FSIS no longer believes enforcement of nutrition labeling requirements at retail stores to be impractical because FSIS is already conducting testing for *Escherichia coli* O157:H7 at retail (66 FR 4979, January 18, 2001).

Enforcement & Compliance

Comment: One retail association stated that FSIS should include in the regulations provisions comparable to those in the Nutrition and Labeling Education Act (NLEA) such that retailers would not be subject to substantial civil and criminal penalties for violations of the nutrition labeling requirements. This commenter was concerned that, if the USDA requires nutrition labeling for the major cuts, retailers could be penalized for minor violations of these regulations. For example, the commenter suggested that if a poster providing nutrition labeling information falls down, the retailer could suffer substantial penalties.

This commenter also asserted that, with regard to FSIS product sampling and nutrient analysis, FSIS should continue to treat single-ingredient, raw ground products in the same manner it treats other single-ingredient, raw products. Therefore, the commenter stated, FSIS should not sample raw, ground products for which USDA data are used as the basis for the nutrition information on the label. Further, the commenter stated that if FSIS conducts sampling of ground products at retail for nutrient analysis, the ground products should only be analyzed for fat content. According to this commenter, once FSIS verifies the fat content of ground products, products labeled with corresponding USDA data values should not be subject to further compliance and enforcement.

An animal protection organization stated that ground products should be subject to nutrient analysis. This commenter stated that the USDA National Nutrient Database for Standard Reference includes only a limited number of ground products, and there are many others available on the market. According to this commenter, FSIS employees cannot, and should not be expected to, visually assess the product and compare it against its label.

Response: Products under FSIS jurisdiction are not subject to the NLEA. Nonetheless, FSIS does not consider it likely that substantial criminal penalties could be imposed for significant violations of the nutrition labeling requirements. FSIS stated in the

preamble to the final January 6, 1993, nutrition labeling rule that it is not the Agency's intent to proceed in a punitive manner when problems surface during compliance monitoring (58 FR 657, January 6, 1993). Should this rule become final, FSIS will likely seek criminal penalties for violations of the nutrition labeling requirements in the same types of circumstances as it would for other labeling violations of the FMIA and PPIA. Consistent with its approach to enforcing existing nutrition labeling requirements, under this rule, if FSIS finds nutrition information on product labels that, based on FSIS or USDA data, is inaccurate, FSIS would contact the company and request that it either correct the information on the label or provide adequate justification to support the information. If the company failed to do so, FSIS would likely issue a letter of warning.

FSIS is authorized to issue letters of warning in lieu of seeking criminal penalties when the Secretary of Agriculture determines the public interest will be adequately served by a letter of warning. If the company continued to use the inaccurate label, FSIS could institute an administrative process to rescind the label approval under 9 CFR § 500.8 and could seize any product in commerce because it is misbranded. However, FSIS considers it highly unlikely that companies will continue to use inaccurate labels after FSIS has contacted them because introducing misbranded product in commerce is a prohibited act under 21 U.S.C. 610 and 458. FSIS is not authorized to impose civil penalties under the FMIA or PPIA.

With regard to FSIS product sampling and nutrient analysis of ground products, as FSIS stated in the preamble to the proposal, the fat content of different ground or chopped products can vary significantly, depending upon the level of fat in the product being ground and depending on whether product from AMR systems is used (66 FR 4980, January 18, 2001). Therefore, the procedures set forth for FSIS product sampling and nutrient analysis in §§ 317.309(h)(1)-(8) and 381.409(h)(1)-(8) would be applicable to ground or chopped meat and to ground or chopped poultry products, respectively. Should this rule become final, FSIS will not analyze ground or chopped products for fat only, because if the ground product includes AMR product or product from low temperature rendering (e.g., finely textured beef or lean finely textured beef), the use of these materials could affect the nutrient values in the product.

With regard to FSIS product sampling and nutrient analysis, FSIS will not treat single-ingredient, raw ground or chopped products in the same manner that it treats other single-ingredient, raw products primarily because, as explained in the proposed rule, FSIS program employees cannot visually assess whether nutrition information on the label of ground or chopped products accurately reflects the labeled products' content. In most cases, it is not possible to visually assess the level of fat in a ground product. For example, FSIS program employees cannot visually determine whether product that is labeled 17 percent fat ground beef is actually 17 percent fat ground beef as opposed to 27 percent fat (or another percentage of fat) ground beef (66 FR 4980, January 18, 2001). Therefore, should this rule become final, FSIS will sample and conduct nutrient analysis of ground or chopped products to verify compliance with nutrition labeling requirements, even if nutrition labeling on these products is based on the most current representative data base values contained in USDA's National Nutrient Data Bank or the USDA National Nutrient Database for Standard Reference and there are no claims on the labeling. Therefore, FSIS will treat ground or chopped products as it treats all other products for which the regulations require nutrition information on their package. In the event that FSIS samples and conducts nutrient analysis of ground or chopped beef, if producers know the fat content of their product and have used USDA database values on the nutrition labels, FSIS would find the product's label in compliance with nutrition labeling requirements, provided the product's source materials did not include AMR product or product from low temperature rendering.

Costs and Benefits

Comment: Many commenters stated that the proposed rule would result in increased label costs. For example, one individual stated that it would cost a little more for production but did not think that it would affect the profit of major meat companies. Another individual stated that the rule would increase the final price of the product and require a change in packaging.

A small retailer who carries 26 different packages of ground meat in their stores and packages 6,000 packages per week stated that it would cost the company more than \$22,600 a year in added costs due to labor and the additional labels that would be needed. Another small retailer estimated that the cost would approach \$10,000 annually

for adding a new poster and taking into account the necessary packaging, labor, and machinery modifications for ground or chopped products.

A beef producer believed that FSIS's cost estimates for requiring nutrition labeling for ground or chopped products are too low. This commenter stated that for those producers that must supply their own labels, the cost would be prohibitive. According to this commenter, if retail stores were to provide the information, the costs would be as calculated in the proposed rule. This commenter also believed that FSIS could still achieve its goal of having a large percent of compliance by making information on the label optional for certain groups that would be financially burdened. This commenter noted that FSIS estimated that the average weight of packages of ground or chopped products is 2 pounds and stated that the average weight of a package of pasture fed ground beef is between one and 1.5 pounds.

An animal protection organization contacted a major commercial laboratory that conducts nutrient analysis. This commenter stated that the laboratory charges \$130 for a single sample analysis for total fat and saturated fat and \$85 for cholesterol. The laboratory gives volume discounts for multiple samples.

According to an industry association commenter, the majority of retailers do not have equipment, such as a Fat-O-Meter or CEM analyzer, to determine the exact nutritional content, including the percentage of fat for their products. It is unlikely, according to this commenter, that retailers will be able to afford this type of equipment because it costs nearly \$40,000.

A retail industry organization stated that according to Hobart, the company that manufactures a large proportion of the scales used by retailers, 50 to 60 percent of supermarkets would need to upgrade their current printers, which represents \$45 to \$75 million in costs. Also, 40 to 50 percent of supermarkets would be required to replace their entire scale systems at the store level, which Hobart estimates would cost \$54 to \$90 million. In addition, according to this commenter, substantially more, sophisticated and more expensive analytical equipment or laboratory testing will be needed to measure the nutrient profiles in ground products, which are likely to vary significantly in the context of USDA's compliance and enforcement standards.

Another retail industry association stated that a distributing company supplying 200 supermarkets estimated

that the labeling requirement for ground or chopped products would affect over 20 million packages annually. Using the FSIS estimate of .005 cents per label, the labels alone would cost \$100,000 per year. In addition, this commenter stated that although retail stores may be able to assess fat content by using a fat analyzer when doing in-store grinding, testing for nutrient content would require the use of a laboratory and prove costly. The commenter stated that these costs would cause many retailers that provide on-site custom service to increase prices or sell case-ready meat only, to the detriment of consumer choice.

Two individuals were concerned that the proposed rule would increase the price of meat; one stated that if people wanted nutrition information for meat and poultry products, stores would already provide the information on the packages.

In terms of the overall costs and benefits of compliance, an animal protection organization stated that, if the analyses and costs estimated by FSIS are accurate, it is evident that consumers need more information than they are currently getting. The commenter further stated that the costs to industry are negligible when compared to the benefits to the consumer.

An industry association stated that FSIS will also incur costs. According to this commenter, if the Agency requires on-package labeling for ground product, to verify compliance, it will be diverting a significant portion of its resources to the chemical analysis of numerous ground products produced at retail levels across the United States. The commenter also stated that, while FSIS has increased its level of sampling at the retail level for the purpose of microbiological sampling of *E. coli* O157:H7, it should also be able to collect additional samples for chemical analysis simultaneously. However, the commenter stated that FSIS would also be incurring new costs associated with sending samples to the laboratories as well as the actual cost of the analyses.

Response: FSIS recognized that the proposal, like many regulations promulgated by various government entities, would result in increased costs to various affected parties, so it is not surprising to FSIS that commenters would indicate that they would incur increased compliance costs. The commenter who stated that the rule would cost it \$22,464 annually also stated that it produces 6,000 packages of ground beef per week or 312,000 packages per year. This equates to a per label cost of 7.2 cents. Another

commenter who said it would cost them \$10,000 annually also said that they sell 100,000 packages annually. This equates to a per label cost of ten cents. Both estimates are significantly higher than any estimate prepared by FSIS. The Agency does not doubt that these retailers may incur higher labeling costs should this rule become final, but FSIS is unsure how their estimates were prepared. For example, FSIS is unsure as to whether these estimates include certain costs that should or should not be attributed to the proposal. At this time, the Agency is not in the position to accept these estimates as being comparable (in methodology or assumptions) to the costs presented by FSIS. As explained in the supplemental PRIA, FSIS estimates that retailers would incur the costs of upgrading store scales and printers to include nutrition information, redesigning larger store labels, providing nutrition analysis for each product, and using larger labels.

The Agency has reviewed the concerns of the beef producer but, with the limited supporting information provided, finds that the commenter's concerns are unconvincing. At no time does the commenter indicate what its costs might be, so it is difficult to determine how burdensome the requirements are for this producer.

The beef producer stated that the average weight of a package of pasture fed ground beef is between one and 1.5 pounds. However, in the supplemental PRIA cost analysis, FSIS estimates that the average weight of a retail package is 2.7 pounds (ranging from 1.7 pounds at the 5th percentile, to 4.35 at the 95th percentile). This estimate is from the National Cattlemen's Beef Association (NCBA), and FSIS believes this estimate better reflects the average weight of a retail package of ground product than the figure the commenter provided for pasture fed ground beef. NCBA's source is the Meat Purchase Diary, which is a survey. Although FSIS believes that NCBA data provide a sound estimate of the average weight of a retail package of ground product, there is some uncertainty in this estimate, because NCBA does not release any detailed data from its survey.

With regard to the comments on the cost of samples and nutrient analysis, the supplemental PRIA cost analysis includes costs of nutrition analysis ranging from \$599 to \$787 per modified label. These are costs required to create a nutrition facts panel. As explained in the cost analysis below, FSIS does not believe that the cost of a fat analyzer should be attributed to this rule. Stores may receive product for which a fat analysis has been performed and labeled

accordingly. Also, as explained above, retailers currently must have a means of knowing that their product meets the standard of identity for ground beef.

With regard to the comment on the costs of upgrading scale printers, FSIS's supplemental PRIA cost analysis estimates the cost of updating scale printers at \$2,400 per store or \$56.35 million total. FSIS also estimated annual scale maintenance costs at \$144 every year after the first year the scale has been purchased. Therefore, the supplemental PRIA analysis is consistent with the comment on updating scale printers.

In response to the comment that costs would cause many retailers that provide on-site custom service to increase prices, products that are ground or chopped at an individual customer's request and that are prepared or sold at retail are exempt from nutrition labeling requirements, provided the labels or labeling of those products bear no nutrition claim or nutrition information.

In response to the comments from individuals concerned that the rule would increase the price of meat, as explained in the supplemental PRIA cost analysis, the cost of this rule is not likely to be excessive relative to the volume of input of ground or chopped meat and poultry products sold at retail. The estimated cost of the rule on a per pound basis is \$.0053. This increase in cost should not affect consumer purchases.

In response to the statement that nutrition information would be available if people wanted it, market forces have not been great enough to ensure significant participation in the voluntary nutrition labeling program. This fact could be evidence that consumers are not willing to pay for this information. Nonetheless, as is explained above, FSIS believes that consumers have reasonable expectations concerning the nutrient content of the major cuts of meat and poultry products, but they need precise information about the nutrient content of the major cuts in order to make a fully informed comparative judgment about the various cuts. In addition, the extent that such information conveys a negative credence attribute would limit its availability, if retailers were not required to disclose it. Without nutrition information for the major cuts of single-ingredient products and ground or chopped products, consumers do not have necessary and sufficient information to make informed purchasing decisions.

As far as the overall costs and benefits of compliance, the Agency believes that it has done a reasonable job in

estimating the costs and benefits of the proposal.

In terms of cost to FSIS, in the Paperwork Reduction Act analysis, FSIS estimated that the costs of label and records review will total \$300,000 annually. Other costs the Agency incurs as a result of this rule will be negligible. The rule will not increase inspection activities substantially. Similarly, it will not increase substantially the laboratory costs associated with FSIS sampling and testing for nutrient analysis. FSIS will conduct inspection and testing activities under this rule concurrent with existing inspection and testing activities.

Comment: A consumer organization asserted that FSIS overestimated the cost of the proposed rule by assuming that 20 percent of establishments would have to install new machinery for stamping, printing, or affixing nutrition labels for ground and chopped meat. The commenter believed that the 20 percent estimate is too high. FSIS's own 1999 survey showed that 97 percent of large chains, 91 percent of large independent retailers, and 84 percent of medium and small independents already complied with the label requirements of the final rule for Mandatory Safe Handling Statements on Labeling of Raw Meat and Poultry products. In addition, the commenter noted that small firms are exempt from the proposed rule.

Response: After the proposed rule was published, FSIS contracted with RTI International to assist the Agency in data collection and revising the cost analysis for the supplemental PRIA. Among the several changes based upon RTI's review, FSIS revised the label cost estimates. The supplemental PRIA assumes that retail facilities and official establishments have not yet incurred any costs for nutrition labeling of ground or chopped products or major cuts. However, the supplemental PRIA also estimates the current levels of nutrition labeling and adjusts cost and benefit estimates to reflect current levels of nutrition labeling.

Comment: According to a retail industry association, provisions requiring labels on individual packages of ground meat and poultry products will impose most costs and burdens upon independent retailers that offer custom service rather than pre-packaged case-ready meat. The commenter further alleged that the proposal would disproportionately affect independent operators and their customers, coercing retailers into increasing prices to cover increased costs or eliminating custom service because of the need to provide labeling for nutritional content of products ground in retail stores.

One individual stated that the proposed requirements would adversely affect small businesses. Also, a small producer stated that providing nutrition information on the labels of ground products would be difficult and costly for the small farmer or producer selling beef wholesale to stores.

Response: When Federal Agencies like FSIS issue rules, they are to make sure that the rules are fair to those being regulated. The Regulatory Flexibility Act requires Federal Agencies to consider the affect of regulations on small entities in developing regulations (see the Regulatory Flexibility Act Analysis below).

To minimize the burden on small businesses, should it become final, the rule will provide a small business exemption. In addition, the rule will provide an exemption from nutrition labeling requirements for ground or chopped products that are ground or chopped at an individual customer's request and that are prepared and served or sold at retail, provided that the labels or labeling of these products bear no nutrition claims or nutrition information. FSIS also intends to provide nutrition labeling materials for the major cuts of single-ingredient, raw products and for ground or chopped products on a free basis through its Web site. Retailers can display these materials at the point-of-purchase for the major cuts. Also, retailers and official establishments can obtain nutrition information for ground or chopped products at the following Web site: <http://www.ars.usda.gov>.

Comment: A consumer organization argued that FSIS underestimated the benefits of the rule by ignoring both the impact of meat and poultry consumption on non-fatal cases of heart disease and cancer and the impact on obesity and its consequences.

According to the commenter, FSIS limited its estimates of the benefits to the reduction in annual deaths from breast cancer, prostate cancer, colorectal cancer, and coronary heart disease. The commenter stated that this approach ignores the benefits to consumers in reducing the number of non-fatal cases of these four diseases. For example, according to the commenter, when FDA evaluated the benefits of its proposed rule on trans fatty acids in foods, the Agency estimated that only one-third of heart attack cases due to coronary heart disease are fatal. For non-fatal cases, FDA estimated the discounted value of the reduction in functional disability and pain and suffering of the patient and the reduction in medical costs at \$282,000 per case (or 33.5 percent of the FDA's estimated value of \$840,000 per

fatal case). According to the commenter, as there are two non-fatal cases of coronary heart disease for every fatal case, FSIS should increase its benefits from the proposed rule by 67 percent. At a seven percent discount rate, this would increase the benefits over 20 years from a reduction in coronary heart disease from FSIS's current estimate of \$752 million to \$1.256 billion.

The commenter also stated that similar adjustments could be made to account for the reductions in the non-fatal cases of three types of cancer that FSIS considered. About 42 percent of colorectal cancer cases are fatal, about 16 percent of prostate cancer cases are fatal, and about 21 percent of breast cancer cases are fatal. The commenter believed that one could assume that the ratio of the benefits of reducing these non-fatal cases to the benefits of reducing the fatal ones is the same for these three types of cancer as FDA used for coronary heart disease, *i.e.*, 33.5 percent. Using a seven percent discount rate, the commenter estimated that including the reduction in non-fatal cases would increase the benefits over 20 years from a reduction in these three types of cancer from FSIS's current estimate of \$167 million to \$316 million.

In sum, including the impact of the proposed rule on non-fatal cases of the four diseases FSIS considered increases the total benefits (using a seven percent discount rate over 20 years) from \$918 million to \$1.572 billion.

When the commenter looked at the impact of the rule as it related to total fat, saturated fat, and cholesterol, the commenter thought that the proposal might help lead to a reduction in weight, which, in turn, could lead to a reduction in both mortality and morbidity from various diseases. According to the commenter, recent studies placed the cost of obesity in the United States at \$39 billion in direct medical costs and \$48 billion in indirect loss of output because of both morbidity and mortality. Reducing these \$87 billion in annual costs by even 0.15 percent through the provisions of this rule would mean additional annual benefits of \$13.05 million, which (at a 7 percent discount rate) means additional benefits over 20 years of about \$138 million.

In summary, the benefits of the proposed rule over 20 years (discounted at 7 percent)—taking account of morbidity and obesity—could well be \$1.71 billion rather than the \$918 million estimated in the proposed rule based on FSIS's examining only mortality.

Conversely, a meat industry organization cautioned FSIS against making the mortality assumptions included in the proposed rule's benefits analysis. This commenter stated that FSIS's assumptions were based on only one part of meat's nutrient content. The commenter stated that, while diets high in saturated fat and cholesterol have been associated with risk of chronic disease, meat has never been shown to cause such diseases.

A farmer/rancher believed that the new nutrition labeling requirements could potentially encourage consumers to eat more meat, which would increase her profits.

Response: In response to the comment concerning non-fatal cases of heart disease and cancer, FSIS has reviewed all of the information provided by this commenter and believes that the information provided on coronary heart disease is potentially useful to the FSIS analysis. The information on the relationship between fatal cases and non-fatal cases of coronary heart disease is reliable in that FDA looked at the relevant literature and medical statistics to determine the annual number of heart attack cases of coronary heart disease that occur and the percent of those (occurring each year) that are fatal. This allows for a total, in a given year, of the number of heart attack cases that are not fatal, based just on new heart attack cases. FSIS agrees that a reduction in non-fatal cases of chronic heart disease would result in a significant benefit to society. The methods for estimating both the number of non-fatal cases avoided annually, and the value of non-fatal cases avoided annually are unsettled and further research is needed to improve the reliability of this information.

The information on colorectal, prostate, and breast cancer is not as reliable as that on non-fatal cases of coronary heart disease. Specifically, the information reported by the American Cancer Society represents the annual number of *new* cases, but the annual number of deaths includes deaths from both old cases and new cases of disease. In other words, the annual number of deaths also represents deaths from cases that were reported as new cases in previous years. Therefore, if FSIS were to adopt the information suggested by this commenter, then the denominator used to calculate the percent of fatal cases to all cases would be too small and the percent of fatal cases would be too high. Consequently, the benefits estimates associated with the reduction of non-fatal cases would be greater than the actual value of benefits. It should be noted however, that to ignore the

benefits associated with the reduction of non-fatal cases is also incorrect because, in fact, some benefits exist even though methods are not available to provide reliable estimates. At this time, it is not possible to provide a quantitative estimate of the benefits associated with reducing the non-fatal cases of colorectal, prostate, breast cancer, and coronary heart diseases.

Although the consumer organization recommended that FSIS revise the benefits estimate to include specific benefits associated with weight loss, FSIS did not account for these benefits in the final analysis. FSIS does not have the data necessary to estimate these benefits, and the commenter did not provide the data.

With regard to the industry comment that cautioned against making the benefits assumptions included in the preliminary benefits analysis, the supplemental PRIA benefits analysis is consistent with the preliminary benefits analysis. Therefore, the supplemental PRIA benefits analysis estimates the value of potential changes from intake of fat, saturated fat, and cholesterol that could occur as consumers respond to newly available nutrition information. The supplemental PRIA analysis uses changes in serum cholesterol to estimate health outcomes, which are reductions in the number of cases and mortality from three cancers and coronary heart disease. FSIS used survey data and a model developed by Zarkin, *et al.* to conduct the benefit analysis. The industry commenter did not provide data that would allow FSIS to conduct an alternative benefit analysis.

With regard to the comment that new nutrition labeling requirements could encourage consumers to eat more meat, FSIS does not have data that indicate that consumers will consume more meat as a consequence of new nutrition labeling requirements. Therefore, the supplemental PRIA benefits analysis does not include increased profits to producers.

Comment: One individual stated that there are benefits to individuals in keeping track of their nutritional intake. This commenter believed that he would find it valuable to know the levels of the different nutrients in meat and poultry products.

Response: FSIS concurs that there are benefits to keeping track of an individual's nutritional intake. The level of benefits associated with nutrition labeling depends on the extent to which consumers change their food consumption in favor of products that are more nutritious. To accomplish this, a consumer needs to keep track of his or her nutritional intake.

Comment: One individual stated that nutrition labeling on raw meat and poultry products could potentially lead to some decreases in the sale of red meat. The commenter also stated that poultry and fish will become more popular. The commenter did not anticipate a big overall change in sales.

An animal protection organization also stated that the net effect of the rule may be a decrease in the overall consumption of meat.

Response: Should this rule become final, the impact of the rule will depend upon the extent to which consumers change their food consumption in favor of products that they believe are more consistent with a healthy diet. Therefore, it is possible, as the commenters stated, that nutrition labeling on raw meat and poultry products could lead to some decreases in the sale or consumption of red meat as well as some increases in the sale of poultry and fish. FSIS has no information that would allow the Agency to measure such impact. Therefore, the supplemental PRIA does not reflect any anticipated changes in the volume of meat and poultry products consumed annually.

Comment: A consumer organization stated that there are significant differences between African Americans and Caucasians in the incidence of the four diseases that the FSIS examined in determining the benefits of the proposed rule. According to this commenter, African Americans are 50 percent more likely than Caucasians to die of heart disease, 43 percent more likely to die of colorectal cancer, 153 percent more likely to die of prostate cancer, and 38 percent more likely to die of breast cancer. African Americans are also 140 percent more likely than Caucasians to die of diabetes, a disease linked to obesity.

Response: The benefits analysis that was prepared for this rulemaking does not estimate benefits attributable to specific groups (e.g., Caucasians or different minority groups). However, the benefits analysis does measure the impact to all affected parties. Therefore, no group of individuals has been excluded. Assuming that the information provided by this commenter is correct, then the rule may have a greater positive impact on minorities than on Caucasians.

Other Comments

Comments: Two industry organizations suggested that other nutrients, e.g., zinc, and B-vitamins, should be required nutrients in nutrition labeling of meat and poultry products. One producer suggested that

USDA provide information on omega 3 fatty acids and Conjugated Linoleic Acid (CLA) in the nutrient data base. One commenter suggested the addition of a warning label on meat products stating, "Meat consumption has been linked in research to a higher risk for heart disease, cancer, hypertension, diabetes, and other serious diseases."

Response: These comments are beyond the scope of the regulation.

Comment: One industry commenter suggested that what was needed most was more consumer education on understanding and interpreting nutrition facts panels.

Response: FSIS's requirements for nutrition facts panels are consistent with FDA's requirements for nutrition facts panels. FSIS has no information indicating that consumers are confused regarding the information displayed on nutrition facts panels. However, if FSIS receives information indicating that consumers need more education concerning the information on nutrition facts panels, the Agency will consider developing consumer education materials to aid consumers in understanding the nutrition facts panels.

Comment: One commenter suggested that a uniform compliance date should be provided for meat and poultry labeling requirements.

Response: FSIS has published a final rule that establishes January 1, 2012, as the uniform compliance date for new food labeling regulations that are issued between January 1, 2009, and December 31, 2010 (73 FR 75564). FSIS issued these regulations to enhance the industry's ability to make orderly adjustments to new labeling requirements without unduly exposing consumers to outdated labels and to minimize the economic impact of labeling changes. Should this rule become final, the January 1, 2012, effective date will apply to the nutrition labeling requirements for ground or chopped products because nutrition labels will be required on ground or chopped products, unless an exemption applies. Should it become final, this rule will allow nutrition information for the major cuts of single-ingredient, raw meat and poultry products at their point-of-purchase, not on the product. Therefore, FSIS intends to make the labeling requirements for the major cuts effective one year from the date of publication of the final rule.

Comment: One commenter stated that it had heard that the data in the USDA National Nutrient Database for Standard Reference are not current, and that USDA is undertaking nutrient analyses of additional fat/lean combinations (e.g.,

93/7; 90/10; 85/15) of ground beef. This commenter recommended that USDA forestall promulgation or implementation of these nutrition labeling regulations until all of the necessary information is available. Should FSIS finalize the rule, the commenter recommended that FSIS adopt an 18-month implementation period for the regulations.

Response: As noted above, the USDA National Nutrient Database for Standard Reference includes nutrient values for ground beef product containing 5%, 10%, 15%, 20%, and 25% fat. In addition, ARS has included a calculator on the Internet that will calculate the nutrient values of a particular ground beef product based on the fat or lean value entered.

Should it become final, the effective date for the nutrition labeling requirements for ground or chopped products will be January 1, 2012. Therefore, the affected industry will likely have more than 18 months prior to FSIS's implementation of the rule for ground or chopped products.

Section II. Executive Order 12866—Supplemental Proposed Rule Regulatory Impact Analysis (PRIA)

This action has been reviewed for compliance with Executive Order 12866. As this action is determined "economically significant" for purposes of Executive Order 12866, the Office of Management and Budget (OMB) has reviewed it.

This supplemental PRIA differs from the PRIA that was published for the proposed rule. The Food Safety and Inspection Service (FSIS), after reviewing public comments, has concluded that further analysis of the costs and benefits of the rule was required. RTI, International performed an in-depth analysis responding to those comments (RTI, International, 2003) that formed the basis for the revisions to the cost analysis. FSIS incorporated the RTI findings with minor changes into this final analysis. FSIS, among other revisions, has also added a discussion comparing the costs of regulatory alternatives, revised the analysis of benefits, and added a new section examining the cost effectiveness of the rule.

This economic analysis uses the most current data available to the Agency. It relies on the U.S. economic census data from 2002, released in a report dated November 2005. Even though the data collection for the "U.S. Bureau of the Census—2007 Economic Census" has been completed, because the detailed reporting on the retail firms and establishments that would likely be

affected by the final rule is not scheduled to be available to the Agency until about October 2010, FSIS was unable to use that data. Thus, Tables 3, 4, and 5 (below), which rely on the 2002 census data, have the most current information on these retail firms and establishments available. Further, the Agency used data from the FSIS Performance Based Inspection System (PBIS), April 2006, to estimate the number of Federally- and State-inspected meat and poultry slaughter and processing establishments that would likely be affected by the final rule. These are the most representative data available to the Agency on the time period around the 2002 economic census data. In addition, the Agency used 2005 costs because they are the most representative data available to the Agency, for the time period reflected in the 2002 economic census data.

The Agency requested that the Interagency Economic Peer Review Group coordinate a peer review of the final regulatory impact analysis. The peer reviews conducted by two economists from Federal agencies and the FSIS responses to their comments are available in the FSIS docket room and on the FSIS Web page with the supplemental proposed rule.

FSIS is proposing to amend the Federal meat and poultry products inspection regulations to require nutrition labeling of the major cuts of single-ingredient, raw meat and poultry products, unless an exemption applies. Should this rule become effective, the guidelines for voluntary nutrition labeling will become mandatory for these products.

FSIS is also proposing to amend its regulations to require on-package nutrition labels for ground or chopped meat and poultry products. The Agency has determined that single-ingredient, raw ground or chopped meat and poultry products are different from other single-ingredient, raw meat and poultry products in several important respects, and that these products are similar to products in the current mandatory program that are required to bear nutrition labels. Thus, under this rule, the nutrition labeling requirements for all ground or chopped meat and poultry products will be consistent with the nutrition labeling requirements for multi-ingredient and heat processed products.

The supplementary proposed rule provides for a number of exemptions, including a small business exemption. Should the rule become final, small businesses will be exempt from the requirement for nutrition labeling of single-ingredient, raw ground or

chopped products. Small businesses are those with 500 or fewer employees, are owned by companies with 500 or fewer employees, and produce 100,000 pounds or less annually of each ground product affected by the rule.¹

A. Need for the Rule

FSIS believes that less than the optimal amount of nutrition information is being provided because consumers cannot independently determine the nutritional qualities of the meat and poultry products affected by the rule, thus leading to insufficient incentives for processors and retailers to reveal the nutrient content of these products. To the extent that consumers purchase these products to achieve a nutritional objective, information about the nutritional characteristics of these products has value. Some consumers may purchase or otherwise obtain such information at a cost. However, such information may be costly to obtain for most consumers, and such information may change in value with the development of new products with different nutritional characteristics.

The association between consumption of fat, saturated fat, and cholesterol with three types of cancer and coronary heart disease is discussed in the proposed rule (66 FR 4969, January 18, 2001) and the Supplemental PRIA Benefits Analysis of this section. In 2003, there were about 39,800 deaths in the United States from breast cancer, 29,800 deaths from prostate cancer, and 57,100 deaths from colorectal cancer. There were about 515,200 deaths from coronary heart disease in 2000. Consequently, a decline in the percentage of calories from fat, saturated fat, and cholesterol can lead to a potentially significant number of deaths averted.

A substantial amount of theoretical and applied research has been conducted on the economics of consumer information since first discussed by Stigler, and subsequently by Lancaster and Rosen. Economic theory now treats information on the characteristics of a good along with information on the price of the product as major determinants of consumer choice.

A basis for required labeling exists when the market does not supply enough information to allow consumers to make consumption choices that reflect their individual preferences. Under conditions of asymmetric information, social costs and benefits

¹ It is possible that some very small establishments could potentially be affected by the requirements if they are owned by companies with more than 500 employees and they produce more than 100,000 pounds of any ground product.

may suggest a different labeling outcome than the one resulting from a private firm's labeling decision (Golan, *et al.*). Asymmetric information may particularly be a problem in markets for foods with negative credence attributes² as is discussed below regarding products subject to the rule.

In their examination of food consumption patterns before and after the general availability of information about nutritional characteristics, diet-disease connections, and health claims, a number of authors have confirmed the role of nutrition information in enhancing the ability of consumers to make healthier food choices (Kim *et al.*, Neuhouser *et al.*, Tiesl, *et al.* (1997, 2001), Moorman, and Ippolito and Mathios (1990b, 1991, 1995, 1998). The results of these studies are discussed in the Benefits Analysis.

Ground or chopped meat and poultry products are formulated by processors and the nutritional characteristics of these products may vary.³ In addition, without nutrition information for the major cuts, consumers cannot assess precise levels of fat and cannot know the levels of specific nutrients in these products.⁴ Major cuts are generally considered by consumers to be largely undifferentiated products in terms of nutrient content. If one supplier of major cuts provides the nutrient information, and such information is the same regardless of supplier, there is no incentive for other suppliers to incur the cost of providing the information. The extent that such information conveys a negative credence attribute would further limit its availability.

As is explained above, FSIS believes that consumers have reasonable expectations as to the nutrient content of the major cuts. Competitive pressures among processors could over time increase the supply and accuracy of

such information (Ippolito and Mathios, 1991). However, the comparison between foods necessary to construct a healthy diet is made difficult if precise information about nutrient content is not provided, significantly different formats are used to provide nutrition information, or the information is difficult to interpret. Thus, the point-of-purchase (POP) nutrition information requirement and enforcement of accuracy will facilitate consumer efforts to construct a healthy diet and facilitate consumer understanding of the information provided.

There is not uniform agreement that nutrition labeling is always an effective policy measure, even if government intervention were warranted on the basis of informational needs and social welfare. Variyam, Blaylock, and Smallwood, 1995 and 1997, found that labels are not an effective means for educating consumers and changing consumption behavior. However, these papers emphasize format and context of the information as important factors affecting the influence of the information on the audience. For example, consumers are more likely to read and understand labels that are clear and concise (Hadden; Magat and Viscusi; Noah). Some of the studies cited above (Tiesl and Levy, 1997, and Ippolito and Mathios, 1995) have found that the effectiveness of nutrition labels are augmented within the context of broader nutrition education programs about diet-health linkages.

Golan, *et al.*, summarize research showing when nutrition labeling is the most appropriate policy tool. Conditions when labeling may be appropriate include:

- Consumer preferences differ: Labeling may be preferable if consumer preferences differ widely with respect to product characteristics, in this case total fat, cholesterol, saturated fat, calcium, and iron for example. As is the case for high sodium foods, consumers show significantly different attitudes to fat content.

- Information is clear and concise. To be effective, the information on the label is clear, concise, and informative. FSIS believes that this criterion will be achieved for both nutrition labels and POP information.

FSIS concludes that these conditions exist for the products subject to the rule or would be accomplished by the rule. FSIS also concludes that nutrition labels and POP information are superior to other tools such as food bans, taxes on fat content, and consumer education programs.

Ippolito and Mathios (1990a) argued that competition among food suppliers

and consumer skepticism about suppliers' claims for their foods often leads to well-informed consumers. If, for example, consumers were concerned about dietary intake of sodium, a supplier with a product low in sodium would advertise that attribute. If consumers were also concerned about fat, a supplier with a low-sodium and low-fat product would advertise both attributes. Consumers would know that the low-sodium product that does not make a low-fat claim is likely a higher-fat product. And any product that is silent on both attributes is higher in sodium and fat.

But Ippolito and Mathios also argued there could be conditions under which unfolding of information fails to occur and consumers are not informed about important product attributes. Unfolding might not occur when similar products share a negative attribute, like having a high fat content when consumers are concerned about the fat content of foods. If all competing foods share a high fat content, all suppliers have products embodying a negative attribute, and no supplier would have an incentive to advertise fat content. In that case, mandatory nutrition labels might provide consumers with information they want and did not have.

From a statutory perspective, the lack of nutrition information on the labeling of the major cuts and on ground or chopped products is misleading because material facts or attributes about these products are not disclosed to the public. The FMIA and PPIA provide that product is misbranded if its labeling is false or misleading in any particular way (21 U.S.C. §§ 601(n)(1) and 453(h)(1)). Therefore, without nutrition information for the major cuts and for ground or chopped products, FSIS has concluded that these products would be misbranded under section 1(n) of the FMIA or section 4(h) of the PPIA (66 FR 4974, January 18, 2001).

FSIS believes that the nutrition labeling requirements, when implemented, will provide consumers with valuable information, leading to improved dietary decisions. By increasing consumer awareness of the levels of total fat, saturated fat, and cholesterol in meat and poultry products affected by the rule, nutrition labeling may serve as a further incentive to food retailers and official establishments to provide products with reduced levels of these nutrients. FSIS has concluded that further action is necessary in order to provide consumers with adequate nutrition information.

² Credence attributes are characteristics of the quality of a product that the consumer cannot determine even after consumption (nutritional value, medical expertise). Credence characteristics will always require the consumer to acquire information, such as nutritional information, from the seller or third parties, whose credibility will vary.

³ Single-ingredient, raw ground or chopped meat and poultry products is one of the two major product categories addressed in the rule. As the definition of this product does not change in the analysis, it will be referred to as "ground or chopped products".

⁴ Major and nonmajor cuts of single-ingredient, raw meat and poultry products is one of the two major product categories addressed in the rule. The category of products will be referred to as "major and nonmajor cuts". In the case where only major cuts of single-ingredient, raw meat and products are considered, they will be referred to as "major cuts". Nonmajor cuts of single-ingredient, raw meat and poultry products will be referred to as "nonmajor cuts".

B. Baseline

The rule would affect Federal establishments and may affect State establishments⁵ that produce ground or chopped meat and poultry products. The rule would also affect retail food

establishments such as supermarkets, grocery stores, meat markets, warehouse clubs, and superstores. To be conservative, FSIS has included State establishments in this analysis. The Agency used its Performance Based

Inspection System (PBIS) database of April 2006 to determine the number of active Federally-inspected establishments producing ground or chopped products affected by the rule (Table 1).

TABLE 1—SIZE DISTRIBUTION OF FEDERAL ESTABLISHMENTS PRODUCING GROUND OR CHOPPED PRODUCTS

Size	Number
Very Small (9 or fewer employees or less than \$2.5 million in sales annually)	1,433
Small (10 to 499 employees)	858
Large (500 or more employees)	109
Total	2,400

Source: FSIS Performance Based Inspection System (PBIS), April 2006.

For purposes of this analysis, very small establishments, defined as those with 9 or fewer employees or less than \$2.5 million in annual sales are exempt from the requirement for nutrition labeling of single-ingredient, raw ground or chopped products because they have 500 or fewer employees, are owned by companies with 500 or fewer employees, and FSIS assumes they produce 100,000 pounds or less annually of each ground product.⁶ Some small establishments may also be exempt from the regulation for the same reasons that some very small establishments are exempt.⁷

Nutrition labels are designed for company-wide use. FSIS estimated the number of affected companies by dividing the number of small and large Federal establishments in Table 1 by three. Based on research, multi-establishment firms own an average of three establishments (Muth, 2003, RTI, 2003). That is, 858 small establishments + 109 large establishments / 3 = 322 small and large firms. Some of these Federal establishments may be independent and may not be part of a multi-establishment firm. Similarly, some very small establishments may be part of a multi-establishment firm. Therefore, this is an area of uncertainty

in the analysis. However, FSIS believes its assumptions are reasonable for purposes of estimating costs.

In addition, the Agency used the PBIS to estimate the number of active State establishments producing single-ingredient, raw ground or chopped meat and poultry products that would be affected by the rule (Table 2). The information in PBIS on State establishments may not be complete. Thus, the Agency may be underestimating the number of State establishments, or the total number of these establishments that would be affected by the rule.

TABLE 2—SIZE DISTRIBUTION OF STATE ESTABLISHMENTS PRODUCING GROUND OR CHOPPED PRODUCTS

Size	Number of establishments
Very Small (9 or fewer employees or less than \$2.5 million in sales annually)	632
Small (10 to 499 employees)	41
Large (500 or more employees)	0
Total	673

Source: FSIS Performance Based Inspection System (PBIS), April 2006.

Most, if not all, of these State establishments may be independent and may not be part of a multi-establishment firm. Very small State establishments are exempt from the requirement for nutrition labeling of ground or chopped products because they have 500 or fewer employees, and the agency has assumed that they are owned by companies with fewer than 500 employees and produce 100,000 pounds or less annually of each ground product. Some small State

establishments may also be exempt from the regulation for the same reasons that some very small Federal establishments are exempt. Nutrition labels are designed for company-wide use. Thus, for purposes of the analysis the number of small State establishments and firms are the same.

The total estimated number of meat and poultry processing firms is 363 firms (322 firms with establishments + 41 firms with State establishments) that

would be producing ground or chopped meat and poultry products that would be affected by the rule.

Based on the U.S. Economic Census for 2002, there are 47,688 retail firms and 74,910 retail establishments that would be affected by the POP requirements for the major cuts of meat and poultry (Table 3). Despite FSIS encouragement of retailers' use of (POP) materials for the major cuts, the October 1999 voluntary nutrition labeling survey

⁵ Unless stated otherwise, when discussing meat and poultry processing establishments, Federally-inspected establishments will be referred to as "establishments". State-inspected establishments will be referred to as "State inspected establishments".

⁶ It is possible that some very small establishments could potentially be affected by the

requirements if they are owned by companies with more than 500 employees and they produce more than 100,000 pounds of any ground product.

However, FSIS has concluded that this is a reasonable criterion for defining very small establishments that would be exempt from certain provisions of the rule. FSIS has not received public comment objecting to the use of this criterion and

does not believe that establishments would alter their operations to meet this criterion.

⁷ The PBIS does not include data on the size of the owning company or on processed food volumes. Therefore, it is not possible to determine whether some of these establishments qualify for the small business exemption.

(USDA, 1999) found a lower rate (54.7 percent of retail stores) of participation than the December 1996 survey (USDA,

1996) found (57.7 percent of retail stores). The effect of existing compliance reduces the cost impacts of

the rule are shown in Appendices C and D and are discussed below.⁸

TABLE 3—NUMBER OF RETAIL FIRMS AND ESTABLISHMENTS AFFECTED BY POP NUTRITION INFORMATION REQUIREMENTS FOR MAJOR CUTS OF MEAT AND POULTRY

NAICS code	NAICS description	Firms	Establishments
445110	Supermarket and other grocery (except convenience stores)	42,318	66,150
445210	Meat markets	5,354	5,848
452910	Warehouse clubs and superstores	16	2,912
Total	47,688	74,910

Note: NAICS is North American Industry Classification. A "firm" refers to the parent company and an "establishment" refers to the retail facility.

Source: U.S. Department of Commerce, U.S. Bureau of the Census—2002 Economic Census, November 2005. "Establishment and Firm Size: Retail Trade." EC02-44SS-SZ. Washington, DC: U.S. Department of Commerce.

Table 4 shows the number of large retail firms and establishments affected by nutrition labeling requirements for ground or chopped products. About 23,479 retail establishments are owned by about 266 companies that have 500

or more employees. Table 5 shows the estimated number of small retail firms and establishments that would be affected by nutrition labeling requirements for ground or chopped products, if there were no waiver related

to the use of a "percentage-lean/percentage-fat" statement. About 51,431 retail establishments are owned by the 47,422 firms that have less than 500 employees. This policy is discussed below:

TABLE 4—ESTIMATED NUMBER OF LARGE RETAIL FIRMS AND ESTABLISHMENTS AFFECTED BY NUTRITION LABELING REQUIREMENTS FOR GROUND OR CHOPPED MEAT AND POULTRY PRODUCTS

NAICS code	NAICS description	Firms	Establishments
445110	Supermarket and other grocery store (except convenience stores)	253	20,434
445210	Meat markets	2	142
452910	Warehouse clubs and superstores	11	2,903
Total	266	23,479

Note: NAICS is North American Industry Classification. A "firm" refers to the parent company and an "establishment" refers to the retail facility.

Source: U.S. Department of Commerce, U.S. Bureau of the Census—2002 Economic Census, November 2005. "Establishment and Firm Size: Retail Trade." EC02-44SS-SZ. Washington, DC: U.S. Department of Commerce.

TABLE 5—ESTIMATED NUMBER OF SMALL RETAIL FIRMS AND ESTABLISHMENTS AFFECTED BY NUTRITION LABELING REQUIREMENTS FOR GROUND OR CHOPPED MEAT AND POULTRY PRODUCTS, WHEN THE "PERCENT-LEAN/PERCENT-FAT" LABEL IS NO LONGER WAIVED FOR THESE PRODUCTS

NAICS code	NAICS description	Firms	Establishments
445110	Supermarket and other grocery store (except convenience stores)	42,065	45,716
445210	Meat markets	5,352	5,706
452910	Warehouse clubs and superstores	5	9
Total	47,422	51,431

Note: NAICS is North American Industry Classification. A "firm" refers to the parent company and an "establishment" refers to the retail facility.

Source: U.S. Department of Commerce, U.S. Bureau of the Census—2002 Economic Census, November 2005. "Establishment and Firm Size: Retail Trade." EC02-44SS-SZ. Washington, DC: U.S. Department of Commerce.

Should it become final, the rule would affect an estimated 21.6 billion pounds of meat and poultry products. Of this amount, 16.7 billion pounds are major cuts of single-ingredient, raw products and 4.9 billion pounds are ground or chopped meat and poultry products. The amount of ground or chopped product subject to the provisions by the rule is reduced from an estimated 6.2 billion pounds as a

result of exemptions to small businesses. There are approximately 2.9 billion pounds of nonmajor cuts. These products are not affected by the final rule; however they are affected by the requirements of Alternatives 2 and 5 discussed in the following section. The source and derivation of these estimates are provided in Appendix A, Tables 1-4 and discussed in the Cost Effectiveness Analysis.

These estimates, however, do not take into account the level of voluntary compliance with the nutrition labeling requirements for ground or chopped products that currently exists. Consequently, the estimated amounts of ground or chopped products and major cuts that would be impacted by the final rule are overstated. However, in the analysis that follows we take into account the 68 percent compliance rate

⁸The appendices supporting the economic analysis are available from the FSIS docket room

and at http://www.fsis.usda.gov/regulations_&_policies/2009_Proposed_Rules_Index/index.asp.

(NCBA, 2004) of voluntary nutrition labeling of ground or chopped products and 54.8 percent level of voluntary compliance (USDA, 1999) of stores that provide nutrition labeling for major cuts.

FSIS used data from USDA's Continuing Survey of Food Intake by Individuals (CSFII), and the associated Diet and Health Knowledge Survey (DHKS) to establish a baseline for fat, saturated fat, and cholesterol intake. The CSFII collects data on food intakes by individuals. USDA conducted three separate one-year surveys for 1994-96 (USDA, 1994-1996). These surveys recorded two nonconsecutive days of food consumption and collected information on what and how much individuals ate, and where the food was obtained. This information was used to develop estimates of nutrient intake for each individual respondent. The DHKS gathered data on consumers' knowledge of issues related to diet and health, and contained several questions relating to the use of nutrition information labels and nutrition information for food

products. Linking information from the two surveys allowed FSIS to correlate use of nutrition information from the DHKS with nutrient intake data from the CSFII. The Agency focused here on two key questions pertaining to nutrition information use on all food products and on meat and poultry in particular: *Q: When you buy foods, do you use the nutrition panel that tells the amount of calories, protein, fat, and such [e.g., sodium, total carbohydrate] in the serving of a food: Often (always), sometimes, rarely, or never? (Question 16-c, DKHS) Q: When you buy raw meat, poultry, or fish, do you look for nutrition information: Often (always), sometimes, rarely, or never? (Question 17-I, DHKS).* Using data from the CSFII and the DHKS, FSIS estimated rates of nutrition information usage, based on these two questions. The results are presented in Benefits Analysis (Table 15) where they are used to establish a baseline for intake of fat, saturated fat, and cholesterol. Additional information is then used to estimate the impacts of label usage on dietary intakes of these

nutrients, and the resulting human health effects.

C. Regulatory Alternatives

FSIS considered several regulatory alternatives:

- *Alternative 1:* Continuing with the existing voluntary program;
- *Alternative 2:* Making the voluntary program mandatory;
- *Alternative 3 (the supplemental proposed rule):* Requiring nutrition information on labels of all ground or chopped products and making the voluntary program mandatory for the major cuts;
- *Alternative 4:* Requiring nutrition information on labels of the major cuts and on all ground or chopped products; and
- *Alternative 5:* Requiring nutrition information on labels of major and nonmajor cuts and all ground or chopped products.

The provisions for the regulatory alternatives are summarized in the following table.

TABLE 6—NUTRITION LABELING REQUIREMENTS UNDER REGULATORY ALTERNATIVES

Regulatory alternative	Type of product		
	Ground or chopped products	Major cuts of single ingredient, raw products	Nonmajor cuts of single-ingredient, raw products
Alternative 1; (Status quo/current requirements).	On-package nutrition labeling is not required for ground or chopped products that are raw, single-ingredient.	Voluntary program: nutrition information can be on package or at point of purchase.	Voluntary program: nutrition information for these products is not required. However, if nutrition information is voluntarily provided for these products, it must be consistent with the nutrition information required for the major cuts of single-ingredient, raw products.
Alternative 2	Mandatory nutrition labeling requirements. Nutrition information must be provided on package or at the point of purchase. The analysis assumes that a reference manual is provided at the point of purchase which contains the required nutrition information.	Mandatory nutrition labeling requirements. Nutrition information is provided on package or at the point of purchase. The analysis assumes that a reference manual is provided at the point of purchase which contains the required nutrition information.	Mandatory nutrition labeling requirements. Nutrition information is provided on package or at the point of purchase. The analysis assumes that a reference manual is provided at the point of purchase which contains the required nutrition information.
Alternative 3 (Supplemental Proposed Rule provisions).	On-package nutrition labeling is mandatory for all ground or chopped products, including those that are single ingredient, raw products.	Mandatory nutrition labeling requirements. Nutrition information must be provided on package or at the point of purchase. The analysis assumes that placards conveying the required nutrition information will be located at the point of purchase.	Nutrition information for these products is not required. However, if nutrition information is voluntarily provided for these products, it must be consistent with the nutrition information required for the major cuts of single-ingredient, raw products.
Alternative 4	Same as Alternative 3	On-package nutrition labeling is mandatory for these products.	Nutrition information for these products is not required. Nutrition information can be provided on the label or by POP.
Alternative 5	Same as Alternative 3	Same as Alternative 4	On-package nutrition labeling is mandatory for these products.

Uncertainty analyses are conducted to estimate cost distributions for each of the alternatives and the supplemental proposed rule. The stochastic cost model uses @RISK (Version 4.5, Palisades Corp.) to examine the effects of uncertainty. The model, statistical properties, assumptions, documentation, and results are presented in the tables of Appendix B and Appendix D, Tables 2 and 3.⁹

Alternative 1: Continuing With the Voluntary Program

FSIS considered continuing with the existing voluntary program and attempting to increase participation by providing additional assistance to the non-participants. FSIS considered providing nutrition information or POP materials directly to retail stores to encourage their participation in the voluntary nutrition labeling program and providing POP material files on the FSIS Web site that retailers could print and place in their stores.

Under this alternative, retail establishments would continue to provide, on a voluntary basis, nutrition labeling for all single-ingredient, raw meat and poultry products, including major cuts identified in §§ 317.344 and 381.444 (including ground beef, ground pork) and cuts that are not identified as major cuts (including ground or chopped products not covered in §§ 317.344 and 381.444). This information could be provided at the point of purchase or on the label of the product.

FSIS's efforts to provide nutrition information or POP materials to retail stores to encourage their participation in the voluntary nutrition labeling program and to provide POP material files on the FSIS Web site could lead to additional participation in the voluntary nutrition labeling program. However, FSIS did not choose this alternative because, even though its cost is relatively low, the benefits of the alternative are also

⁹The stochastic model structure or framework, equation specification, statistical properties, assumptions, documentation, and results are presented in the tables of Appendix B and in Appendix D, Tables 2 and 3. In most cases, the minimum (low), maximum (high), and most-likely or mid-points values are to be found in the tables of Appendix B. In general, the values used represent information collected by RTI for the FDA Labeling Model, or other studies such as the NCBA surveys. Other values were assumed to be around a point-value that was collected by RTI, NCBA, or other referenced studies. Assumptions are made and tested for their effect on average cost of the alternatives considered. The results are in tables of Appendix B, and in Appendix D, Table 1 that has the summary of additional costs by alternative. In addition, Appendix D, Tables 2 and 3, have the detailed stochastic model framework of the economic analysis, and results of the preferred Alternative 3.

relatively low. This option would not ensure that nutrition information is provided for the major cuts of single-ingredient, raw meat and poultry products. In addition, FSIS did not choose this alternative because the Agency has determined that ground or chopped products that do not bear nutrition information would be misbranded under section 1(n)(1) of the FMIA and section 4(h)(1) of the PPIA. Therefore, POP materials would not be adequate to provide nutrition information for these products.

Alternative 2: Make the Voluntary Program Mandatory

FSIS considered making the voluntary program mandatory by requiring nutrition information, either on labels or at the point of purchase, for all single-ingredient, raw meat and poultry products, including the major cuts and the nonmajor cuts of single-ingredient, raw meat and poultry products. Under this alternative, FSIS would assume that most retailers would display POP information for these products rather than nutrition labels, because this is a low-cost means of providing nutrition information for multiple products.

FSIS believes the vehicle chosen by retail establishments for displaying nutrition information at the point of purchase for all major and nonmajor cuts of single-ingredient, raw meat and poultry products would be a reference manual, because placards covering all the major and nonmajor cuts would take up product display space and result in visual clutter. In addition, a manual may be easier for consumers to use than numerous placards covering all major and nonmajor cuts, and all the numerous formulations of ground or chopped meat and poultry products. A manual about the size of the *Uniform Retail Meat and Identity Standards* publication could include nutrition information for all the major and nonmajor cuts, including nutrition information for numerous formulations of ground or chopped products. The *Uniform Retail Meat and Identity Standards* publication is approximately 100 pages, with a page size of 8½x11, in a three-ring binder. The publication provides meat identification standards for all cuts. However, the publication does not provide nutrition information or information on poultry cuts. Such information would have to be assembled from other sources for inclusion in the manual.

This publication, including shipping and handling costs, is available for purchase through the National Cattleman's Beef Association for a minimum cost of \$97.50; most-likely

cost of \$100.00; or a maximum cost of \$102.50. In the cost analysis of the alternative chosen, FSIS estimated there are about 74,910 retail establishments (Table 3). FSIS assumed that the manual would be replaced annually. FSIS estimated the labor cost of displaying POP information for the major cuts at \$21.11 per hour.¹⁰ The time to obtain and make available POP information for the major cuts per store, an average of 0.5 hour, is the same as that used to estimate the cost of Alternative 3, the supplemental proposed rule. Based on these estimates, the annual costs of this alternative is estimated to be \$8,281,675.¹¹ This estimate is comprised of \$790,675 for labor costs (74,910 establishments × \$21.11/hour × .5 hours) and \$7,491,000 for the cost of the reference manual (74,910 × \$100.00/establishment). The average present value of this cost is estimated at \$87.74 million¹² when discounted at 7 percent over 20 years.¹³

This alternative would be less expensive than the alternative chosen by the Agency. As explained in the preamble to the proposed rule, FSIS is unable to distinguish between the benefits that would accrue from requiring nutrition labels on products versus nutrition information on POP materials (66 FR 4984–4985, January 18, 2001). Research is not available to differentiate the benefits of nutrition information on labels versus nutrition information on displays. This is a significant area of uncertainty in analyzing benefits of the regulatory alternatives.

The benefits of this alternative may be comparable to the benefits of the alternative chosen if POP nutrition information and on-package labels have roughly the same amount of success¹⁴

¹⁰Department of Labor, 2002. This wage represents an appropriate wage for a combination of managerial and regular staff that would be making available POP materials for major cuts and includes wages of \$15.62 and fringe benefits of \$5.49 per hour.

¹¹This average annual cost has a range of variability of \$8.03 million at the 5th percentile and 8.53 at the 95th percentile (see Appendix B, Table 10 and Appendix D, Table 1).

¹²This average annual cost has a range of variability of \$85.10 million at the 5th percentile and \$90.83 million at the 95th percentile (see Appendix B, Table 10 and Appendix D, Table 1).

¹³All present value calculations in the analysis of both costs and benefits use a 20-year time horizon.

¹⁴The term "success" or "successful" is used to aid the discussion in the cost effectiveness analysis where the effectiveness of the regulatory alternatives is discussed under scenarios where the impact ("success") of POP nutrition information is varied relative to that of on-package nutrition labels in leading to dietary change. The use of the same term to refer to two different types of comparisons is intended to clarify the discussion.

in leading to dietary change.¹⁵ However, because there are numerous formulations of ground or chopped products, it would be difficult for producers or retailers to develop POP materials that would address all the different formulations that exist for these products. Furthermore, it would be difficult for consumers to find the correct information for a specific ground or chopped product on POP materials that include information concerning numerous formulations of these products (66 FR 4977, January 18, 2001). To use POP materials only, without nutrition labels, consumers would have to find the nutrition information for a specific fat and lean formulation among multiple formulations. If a statement of the fat percentage is not included on a package of ground products, consumers would not know which nutrient data concerning ground product on POP materials would apply to that particular ground product. Therefore, because this option may not result in benefits associated with the consumption of ground or chopped products, this option would likely result in lower benefits compared to the option chosen. In addition, FSIS did not choose this alternative because it does not allow for any distinction between major and nonmajor cuts. FSIS has determined that it is not appropriate or necessary to require nutrition information for nonmajor cuts that are not ground or chopped at this time.

Alternative 3 (Supplemental Proposed Rule): Require Nutrition Information on Labels of All Ground or Chopped Products and Make the Voluntary Program Mandatory for the Major Cuts (Other Than Ground Beef, Ground Pork)

Should this rule become final, it will require nutrition information on the labels of all ground or chopped products and requires nutrition information, either on their labels or at their POP, for the major cuts of single-ingredient, raw products, unless such products qualify for an exemption. Under this alternative, retail establishments and processors of meat and poultry products could continue to voluntarily provide nutrition information for nonmajor cuts of single-ingredient, raw meat and poultry products that are not ground or chopped. This approach allows for a distinction between ground or chopped products and other cuts. It also allows

¹⁵ As the success of point-of-purchase information declines relative to on-package nutrition labels, there is a proportional decline in dietary changes and consequently a proportional decline in lives saved associated with that measure, given the differences in that amount of product affected.

for a distinction between major and nonmajor cuts.

Consistent with the regulations, the most recent voluntary nutrition labeling survey (USDA, 1999) only assessed whether retail stores provided nutrition labeling for the major cuts of single-ingredient, raw meat and poultry products. Until some assessment is made of whether adequate information is being provided for the nonmajor cuts of single-ingredient, raw products that are not ground or chopped, FSIS cannot determine whether it would be beneficial to require nutrition information for these products.

The derivations of the costs of Alternative 3 are shown in the section, Supplemental PRIA Cost Analysis. The average total present value of the costs of this alternative is \$348.06 million, assuming retailers select the lower cost compliance option (Table 14). The average annualized cost associated with this alternative is \$32.85 million. As is shown in the section, Supplemental PRIA Benefits Analysis, the present value of the benefits of this alternative is \$2.2 billion if POP nutrition information for the major cuts is as successful as on-package labels in leading to dietary changes. The annualized benefit associated with this alternative is \$205.5 million. These estimates are not adjusted to account for current compliance, thus over estimate costs and benefits from saved lives.

Alternative 4: Require Nutrition Information on Labels of the Major Cuts and on All Ground or Chopped Products

FSIS considered requiring nutrition information only on labels of the major cuts and on all other ground or chopped products not covered in §§ 317.344 and 381.444.¹⁶ As in Alternative 3, establishments could voluntarily provide nutrition information, either at the POP or on the label, for the nonmajor cuts that are not ground or chopped. This approach allows for a distinction between major cuts and nonmajor cuts that are not ground or chopped.

FSIS estimates that packages of single-ingredient, raw major cuts, including ground beef and ground pork, represent at a minimum 80 percent, most-likely 85 percent, and at a maximum 90 percent of all packages of single-ingredient, raw meat and poultry products sold through retail stores. Therefore, FSIS estimates the minimum, most-likely, and maximum costs of this alternative

¹⁶ Ground or chopped products or not covered in §§ 317.344 and 381.444 will be referred to as "ground or chopped products" in the remainder of the final regulatory impact analysis.

would be the same as these percentages of the costs of Alternative 5, which requires nutrition information on the package labels of all major and nonmajor cuts sold through retail stores. FSIS has based these percentages on a previous determination by FSIS that the major cuts are representative of the market (56 FR 60307, November 27, 1991) and are the most popular cuts (56 FR 60320). Comments on the 1991 nutrition labeling proposal generally supported the list of major cuts (58 FR 640, January 6, 1993). Similarly, one comment to the January 18, 2001, proposed rule on nutrition labeling stated that the major cuts represent the greatest share of fresh meat consumption. The cost analysis of Alternative 5 follows this discussion.

FSIS estimates the average present value of the costs of this alternative to be \$812.99 million (\$956.5 million, the average present value cost of Alternative 5, $\times .85$). The average annualized cost associated with this alternative is estimated at \$90.28 million.

The benefits of this alternative would be similar to those of the selected alternative if POP nutrition information and on-package labels are equally successful at leading to dietary change. The pounds of product requiring nutrition labeling are the same for both Alternatives 3 and 4. However, this alternative would be significantly more costly than the alternative chosen, because this alternative would require on-package nutrition labels on a large volume of product that are not required to bear labels under Alternative 3.

These estimates are not adjusted to account for current compliance, thus over estimate costs and benefits from saved lives.

Alternative 5: Require Nutrition Labels on All Single-Ingredient, Raw Meat and Poultry Products and on All Ground or Chopped Products

FSIS considered requiring nutrition information on labels of major cuts and nonmajor cuts of single-ingredient, raw meat and poultry products, and on labels of ground or chopped products, unless an exemption applied.

The supplemental PRIA cost analysis for the alternative chosen calculated the costs of requiring nutrition labels on all ground or chopped products. FSIS calculated the costs of requiring labels on all other major and nonmajor cuts of single-ingredient, raw products that are not ground or chopped. The same method for estimating the labeling cost for all ground and chopped products under the alternative chosen was used to estimate the labeling costs for major

and nonmajor cuts of single-ingredient, raw products under Alternative 5.

Table 7 shows the number of Federal establishments producing major or nonmajor cuts that are not ground

products. Many of these establishments have a mix of operations that fabricate a variety of cuts derived from multiple species in the same establishment. This is especially prevalent in small and very

small sized establishments. Thus, the totals of the columns or the rows in this table do not represent the total number of establishments under Federal inspection due to double counting.

TABLE 7—FEDERAL ESTABLISHMENTS THAT FABRICATE MAJOR OR NONMAJOR CUTS THAT ARE NOT-GROUND PRODUCTS

Product	Size			
	Large	Small	Very small	Unknown
Meat:				
Beef	52	886	1303	28
Pork	56	750	1155	23
Lamb	0	319	575	11
Other meat	3	186	338	4
Poultry:				
Chicken	158	611	698	15
Turkey	38	210	264	5
Other poultry	0	0	2	0

Note: Data is from the Performance Based Inspection System (PBIS) April 2006.

Consistent with the supplemental PRIA cost analysis for the selected alternative, FSIS estimates that very small establishments would be exempt from nutrition labeling requirements because they have 500 or fewer employees, are owned by companies with 500 or fewer employees, and FSIS assumes they produce 100,000 pounds or less annually of each product. Also, FSIS assumes that all "small" establishments are owned by large, multi-establishment firms and would not qualify for this exemption. Nutrition labels are designed for company-wide use. FSIS estimated the number of affected companies by dividing the number of small and large establishments in the table above by three, the number of establishments owned on average by multi-establishment firms (Muth, 2003; RTI, 2003). FSIS assumed establishments of unknown size are either large or small, to ensure that the Agency did not underestimate the number of affected establishments.

In addition, there are about 41 State establishments that are small that would likely be affected by this rule. Little information is available to the Agency about the number of firms that represent the 41 State establishments. However, it is likely that the 41 State establishments are owned by 41 firms. There are no State establishments that are large. The analysis assumes that State establishments that are small would be affected. Furthermore, the Agency does not have data for these 41 State establishments on the fabrication of major or nonmajor cuts of single-ingredient, raw products. Therefore, the Agency may be underestimating the number of affected firms that own small

or large processing establishments that fabricate major and nonmajor cuts.

Thus, the final estimates of the number of affected firms that own small or large processing establishments that fabricate major and nonmajor cuts that are not ground are: 322 beef firms; 276 pork firms; 110 lamb firms; 64 "other" meat firms, including goat processors; 261 chicken firms; and 84 turkey firms.¹⁷

To estimate the average number of cut products fabricated per firm, FSIS estimated that all firms would fabricate all the major cuts (except the ground major cuts, because FSIS has already accounted for those) and an additional 3 nonmajor cuts. FSIS estimated that beef firms would typically fabricate 12 major products; pork firms, 9; lamb firms, 6; chicken firms, 5; and turkey firms, 5 major products. Therefore, the total number of major and nonmajor products fabricated by beef firms is 15 products; pork firms, 12; lamb firms, 9; chicken firms, 8; and turkey firms, 8. FSIS then assumed processors of "other" meat products would fabricate 12 products (similar to the number of beef or pork products). In the table above, the PBIS figures for beef processors include veal processors. For purposes of this analysis, FSIS considered the number of major beef cuts rather than veal cuts, because beef is more widely produced and consumed than veal.

FSIS estimated the average, one-time cost to modify on-package labels for prepackaged meat and poultry product

¹⁷ The number of firms affected is derived by summing the number of large establishments, small establishments, and establishments of unknown size for each type of species in Table 7 and dividing by 3, the average number of establishments owned by a firm.

by multiplying the average per label modification cost (\$2,274 as shown in the Supplemental PRIA Cost Analysis) by the number of affected firms and by the number of products per firm. Based on this formula and the numbers of firms and products shown above, the estimated average label modification costs are: beef and veal firms, \$10.85 million (\$33,700/firm); pork firms, \$7.44 million (\$27,000/firm); lamb firms, \$2.22 million (\$20,000/firm); other meat firms, 1.73 million (\$27,000/firm); chicken firms, \$4.69 million (\$18,000/firm); and turkey firms, \$1.51 million (\$18,000/firm). The total, one-time average costs of designing labels would be \$28.45 million.

In addition to the one-time average costs of designing labels, companies will also incur costs for providing larger labels with nutrition information. To calculate this cost, FSIS estimated that there are 11.25 billion packages (15 billion¹⁸ retail packages of all raw meat and poultry × 75 percent¹⁹ that are single-ingredient, raw packages) of major and nonmajor cuts sold through retail establishments.

Furthermore, in the supplemental PRIA cost analysis for the alternative

¹⁸ The safe handling rule estimated that there were 15 billion retail packages of raw meat and poultry products (58 FR 58925).

¹⁹ Based on information from the July 2004 National Conference on Weights and Measures held in Pittsburgh, PA, FSIS estimates that 25 percent of retail packages of meat and poultry are products with added solutions. Therefore, FSIS estimates that 25 percent of retail packages of fresh meat and poultry products are multi-ingredient products for which nutrition labeling information is already required, unless an exemption applies. Thus, 75 percent (100 percent minus 25 percent) of retail packages of raw meat and poultry products are single-ingredient products for which nutrition labeling information is now required, unless an exemption applies.

chosen, FSIS estimated that there are 2.267 billion packages of ground or chopped products (see Appendix B Table 8). Therefore, FSIS estimates that there are 8.983 billion packages (11.25 billion packages of all meat and poultry minus 2.267 billion packages of ground or chopped products) of major and nonmajor cuts that are not ground or chopped sold through retail establishments.

FSIS estimates that 25 percent of 8.983 billion packages of single-ingredient, raw major and nonmajor cuts that are not ground or chopped are packaged by processing establishments, or 2.246 billion packages (8.983 billion packages \times 25 percent). Based on information collected by RTI, a blank label is assumed to have a minimum cost of \$0.002; most-likely cost of \$0.005; and a maximum cost of \$0.008. Multiplying 2.246 billion packages by the annual added average cost of \$0.005 per label results in an average cost of approximately \$11.23 million (2,246 billion packages \times \$0.005 per label) annually. Total first-year costs (one-time and annual recurring) to processing establishments would be \$39.68 million (\$28.45 million for one-time cost + \$11.23 million annual recurring cost).

Only retail establishments that have 500 or more employees will be affected by nutrition labeling requirements for major and nonmajor cuts because it is not likely that others would produce 100,000 pounds per single-ingredient, raw product. Table 4 shows that 23,479 retail facilities are owned by companies that have 500 or more employees. The stores are owned by 266 firms.

Retail establishments subject to the requirements of the rule could comply by either incorporating nutrition information on the label printed by store scale printer systems (option 1) or by applying an additional preprinted label with nutrition information (option 2).²⁰ The supplemental PRIA cost analysis for the Alternative chosen shows that option 1 is the less expensive option. Therefore, FSIS assumes stores would choose this option under Alternative 5 as well. FSIS also assumes that, on average, the estimated total cost to upgrade printer scales to provide store-

printed labels is \$56.35 million (23,479 retail establishments \times \$2,400 per establishment). The analysis assumes that scales with the added features for making store-printed labels are replaced every five years. The annual maintenance costs for the upgraded scale printer is estimated to be 6 percent of \$2,400 or \$144 every year after a scale printer has been purchased equal to \$3.38 million (23,479 retail establishments \times \$144 per establishment). FSIS is including these costs here, in addition to the costs for nutrition labeling of ground or chopped products, because FSIS assumes that retail stores would need to have additional scale printers to apply labels to major and nonmajor cuts that are not ground or chopped.

The supplemental PRIA cost analysis shows that for retail stores the average one-time cost estimates for redesigning labels is \$0.414 million (Appendix B, Table 3). FSIS is including this cost here and in the ground or chopped products labeling costs to ensure that FSIS does not underestimate the costs of this alternative.

The supplemental PRIA cost analysis estimates that each processor company produces an average of 6.6 unique ground or chopped products (see Appendix B, Table 2), that each retail firm and meat market firm offers an average of 4.6 unique ground or chopped products (4.6/6.6 or 69 percent of the number of ground or chopped products produced by processors), and that each warehouse club firm offers an average of 1.33 unique ground or chopped products (1.3/6.6 or 20 percent of the number of ground or chopped products sold by processors, (Appendix B, Table 9).

Excluding ground or chopped products, FSIS estimates that retail and meat market firms package 69 percent of the total number of major and nonmajor cuts produced by establishments. Consequently, these firms would package on average 10.35 beef products, 8.28 pork products, 6.21 lamb products, 5.52 chicken products, 5.52 turkey products; and 8.28 other meat products. Excluding ground or chopped products, FSIS estimates that warehouse club firms package 20 percent of the total number of major and nonmajor cuts by processors. Consequently, these firms

would package an average of 3 beef products, 2.4 pork products 1.8 lamb products, 1.6 chicken products, 1.6 turkey products, and 2.4 other meat products. Therefore, FSIS estimates that each retail and meat market firm packages an average of 44.16 unique major and nonmajor cuts. FSIS also estimates that each warehouse club firm packages an average of 12.8 unique major and nonmajor cuts.

Therefore, an average of 11,402 unique major and nonmajor cuts will require nutrition labels applied in retail facilities ((44.16 products \times 255 supermarket, grocery store and meat market firms) + (12.8 products \times 11 warehouse club and superstore firms)).

Consistent with the cost analysis of the chosen alternative, the average one-time cost to retailers affected by the rule for the nutrition analyses of major and nonmajor cuts²¹ is \$7.87 million (11,402 unique products \times \$690 average cost of a nutrition analysis, Appendix B, Table 3).

The use of larger labels is another cost that retail stores may incur. If retail stores package 75 percent of total single-ingredient, major and nonmajor cuts that are not ground or chopped, then an average of 6.737 billion packages (8.983 billion packages \times 75 percent) are packaged by retail stores annually. If the added average cost of each label is \$0.005 (as assumed in the cost analysis for the alternative chosen), then retailers affected by the rule will incur an added average annual cost of about \$33.68 million.

A summary of the frequency of various labeling costs for single-ingredient, raw products for Alternative 5 are shown in Table 8. A summary of the costs for Alternative 5 are shown in Table 9 and in Appendix D.

Alternative 5 is the most expensive alternative that FSIS considered. This alternative would require labels on a larger volume of product than would Alternative 4. As with Alternative 4, this alternative would require labels on a large volume of product not currently required to bear labels.

²¹ A nutrition analysis is required to create a Nutrition Facts panel. Nutrition information is available from FSIS and other sources for many ground or chopped products, and major and nonmajor cuts of meat and poultry products.

²⁰ Options 1 and 2 are described in the Final Rule Cost Analysis.

TABLE 8—FREQUENCY OF LABELING COSTS FOR SINGLE-INGREDIENT, RAW MEAT AND POULTRY PRODUCTS, EXCLUDING COST FOR GROUND AND CHOPPED PRODUCTS

Item	Frequency of cost*			
	One-time 1st year only	Recurring		
		Annual	1st year & once/5 years	Other**
	\$ Million			
Processing:				
Modify Labels	28.45			
Use larger labels		11.23		
Retail:				
Upgrade printer scales			56.35	
Printer Maintenance				3.38
Redesign larger labels	0.414			
Use larger labels		33.68		
Nutrition analysis	7.87			

* All costs are average costs as derived in Appendix B.

** Costs for printer maintenance occur annually, except for years in which a printer is purchased.

TABLE 9—AVERAGE PRESENT VALUE AND ANNUALIZED COSTS* FOR ALTERNATIVE 5

	Present value 3%	Present value 7%	Annualized 3%	Annualized 7%
	\$ Million			
Ground and chopped product:				
Processing	47.70	35.28	3.21	3.33
Retail	381.71	281.70	25.66	26.59
Total ground and chopped	429.41	316.98	28.86	29.92
Raw, single-ingredient cuts:				
Processing	217.33	159.87	14.61	15.09
Retail	652.00	479.62	48.82	45.27
Total raw, single-ingredient cuts	869.33	639.49	58.44	60.36
Total, All Products	1,298.82	956.54	87.20	90.28

* These estimates are not adjusted to account for current compliance, thus over estimate costs.

The benefits of this alternative are comparable to the alternative chosen after taking into account the amount of nonmajor cuts covered by this alternative and on the condition that POP nutrition information is equally as successful as on-package labels in leading to dietary change.

Summary Comparison of Regulatory Alternatives

The Analysis of Alternatives section provides an in-depth comparison of the regulatory alternatives, including a cost-effectiveness analysis. This comparison takes into account the relative success of POP nutrition information compared to on-package nutrition information labels, and the cost of each measure (form in which nutrition information is provided) for the products affected. The discussion of cost-effectiveness centers on Tables 26–29.

D. Costs and Benefit of the Supplemental Proposed Rule

1. Supplemental PRIA Cost Analysis

FSIS analysis of this rule includes many of the same assumptions that were used in the proposed rule. In most cases, FSIS believes that the initial assumptions are still valid. No new data has been presented refining or disputing these original assumptions. However, in other cases FSIS and RTI were able, based upon more current information, to change and improve the original assumptions.

PRIA vs. supplemental PRIA: The PRIA estimated the costs of nutrition labels based on the cost analysis conducted for the "Mandatory Safe Handling Statements on Labeling of Raw Meat and Poultry Products" proposed rule published November 4, 1993 (58 FR 58922). In the PRIA, FSIS adjusted the costs of the safe handling rule to reflect the costs related to the

volume of ground or chopped products produced. For fixed costs associated with nutrition labeling of ground or chopped products, FSIS assumed that 80 percent of the estimated fixed costs were already incurred by retailers and processors, and only 20 percent of the estimated fixed costs would be required for compliance with the proposed rule. Therefore, FSIS estimated the fixed costs for the nutrition labeling of ground or chopped products would total 20 percent of the estimated fixed safe handling labeling costs: \$10 million to \$20 million for processors and \$28.8 million to \$43.2 million for retailers (66 FR 4986, January 18, 2001).

* The estimates of operating costs to retail establishments in the PRIA are based on the number of packages of ground or chopped products that would be sold through small and large retail stores and the labeling costs per package based on the safe handling labeling costs. FSIS multiplied the estimated

number of ground or chopped products sold through large retail stores by the safe handling label cost for large retail stores to derive an estimate of \$6 million in annual operating costs for these stores. Similarly, FSIS multiplied the estimated number of packages of ground or chopped products sold through small retail stores by the safe handling label costs for small retail stores to derive an annual estimate of \$4 million in costs for these establishments (66 FR 4988, January 18, 2001). FSIS explained that these operating costs would increase by \$2 million to \$12 million in current prices. FSIS also estimated the labor costs of small firms applying a separate nutrition label would be \$6 million, based on safe handling label costs (66 FR 4988, January 18, 2001). FSIS assumed processors would incur no additional operating costs associated with nutrition labeling ground or chopped products.

FSIS also estimated one-time paperwork burden costs for nutrition labels on ground or chopped products of \$8.8 million. These paperwork burden costs were the estimated costs of label development, recordkeeping, and the costs of submitting label approval applications to FSIS (66 FR 4988, January 18, 2001).

Finally, FSIS estimated that the average time for each retail establishment to obtain POP materials that include nutrition information for the major cuts of single-ingredient, raw meat and poultry products would be 30 minutes. Based on labor costs of \$20 per hour, FSIS estimated that total retail costs for obtaining these materials would be \$0.7 million. (66 FR 4985-

4986, January 18, 2001). The PRIA did not estimate any other costs associated with retailers obtaining or maintaining POP materials.

The revisions in the supplemental PRIA are based on additional information available to FSIS, improved analytical methods, and a more accurate characterization of the impacts of the rule. FSIS revised the supplemental PRIA in response to concerns expressed during the Interagency review of the PRIA about data quality and in response to final guidelines issued by the Office of Management and Budget (OMB, 2002) to Federal Agencies after publication of the proposed rule.

The supplemental PRIA assumes that no establishment or retail facility has incurred any costs associated with the requirements of this regulation prior to its effective date, even though many firms have already been providing the information that is being required.²² Rather than prorate cost estimates in the safe handling rule based on the volume of ground or chopped products, the supplemental PRIA includes estimates for itemized costs that pertain specifically to nutrition labels. For processing firms, these costs in the supplemental PRIA include administrative costs, graphic design costs, prepress activities costs, plate engraving costs, nutrition analysis costs, and the costs of larger labels.

The supplemental PRIA explains that if retail firms choose to use store scale-printers to print nutrition labels for ground or chopped products, costs to these retailers would include upgrading store scales-printers to include nutrition information, redesigning larger store

labels, providing a nutrition analysis for each product, and using larger labels. This method of labeling is referred to as "Option 1" in the analysis. If retail firms choose to apply an additional preprinted label with nutrition information to ground or chopped products, the cost to these retail stores would include designing a one-color nutrition label, conducting a nutrition analysis for each product, and purchasing and applying a separate label on packages of ground or chopped product at the retail level. This method of labeling is referred to as "Option 2" in the analysis.

The supplemental PRIA assumes that labels will be redesigned for company-wide use. The supplemental PRIA also assumes that small and large plants are owned by large, multi-firm establishments. In addition, the supplemental PRIA assumes that retail stores or chains with fewer than 500 employees produce 100,000 pounds or less annually of each ground or chopped product and are exempt from the nutrition labeling requirements for ground or chopped products. In the supplemental PRIA, the average material and labor cost for POP placards have been revised.

The benefits analysis is revised from the PRIA to reflect a constant value for each premature death prevented by the requirements of the rule to update cost to 2002 dollars. The value of preventing a premature death varied on the basis of age in the benefits analysis of the PRIA. Because of these changes, the benefits in the supplemental PRIA are higher than those of the PRIA.

TABLE 10—AVERAGE COSTS IN THE SUPPLEMENTAL PRIA

Bases of estimates	Total 1st year costs	Present value 7%	Present value 3%
\$ Million			
Retail costs, including POP materials: Option 1	75.58	312.77	424.53
Retail costs, including POP materials: Option 2	50.83	564.36	790.70
Costs to processors only	7.81	35.28	47.70
Total costs (Option 1)	83.38	384.06	472.23

²² The impacts of a 68 percent compliance rate for nutrition labeling of ground or chopped products (NCBA, 2004) and a 54.8 percent compliance rate

for major cuts (USDA, 1999) will be discussed at the conclusion of this section.

TABLE 11—BENEFITS OF THE PRIA AND SUPPLEMENTAL PRIA

Rule status	Annualized benefits		Present value	
	7%	3%	7%	3%
	\$ Million			
Supplemental PRIA	205.5	248.3	2,176.7	3,694.4
PRIA	86.6	145.3	917.8	-2,161.0

The supplemental proposed rule would require nutrition labels on all ground or chopped products, with or without added seasonings, unless an exemption applies, and would make the voluntary nutrition labeling program mandatory for major cuts, unless an exemption applies.

The cost analysis of the requirements for ground or chopped products is based on the FDA Labeling Cost Model developed by RTI, the Enhanced Facilities Data Base (EFD), Performance Based Inspection System (PBIS), the FSIS Performance Based Inspection System database, AC Nielsen Purchase Data of 2003, and Information Resources Inc. (IRI). The PBIS provides estimates of the number of very small, small, and large processing establishments that grind meat and poultry products. IRI scanner data and AC Nielsen Purchase Data provide estimates of the number of ground or chopped products produced by processing establishments.

Supplemental Proposed Rule Cost Estimates for Major Cuts

For the major cuts, FSIS assumes that retailers will comply by using POP placards. The number of retail establishments affected by the nutrition labeling requirements for the major cuts is based on 2002 data from the Bureau of the Census (Table 3).²³ The Census data are consistent with the establishment numbers used in the analysis of nutrition labeling of ground or chopped products used in the PRIA. The number of retail establishments used in the supplemental PRIA is 74,910 (owned by 47,688 firms) compared to 69,500 (comprised of supermarkets, other stores, and wholesale clubs) used in the PRIA (66 FR 4982, January 18, 2001). The use of the 2002 Bureau of Census data instead of FMI data (from the PRIA) results in

a higher estimated cost of the POP requirements in the supplemental proposed rule. The supplemental PRIA's estimate is also higher than the PRIA's estimate because in the PRIA, FSIS assumed retail facilities would incur labor costs only and would not purchase frames and placards.

The cost of three nutrition information placards for displaying POP information for the major cuts is estimated to be \$65.17 per store (\$28.00 for placards and \$37.17 for metal frames), based on information from the Food Marketing Institute (FMI) and <http://www.hubert.com>. Placards will be replaced every two years because of normal wear and tear. The supplemental PRIA estimates that an average of 0.5 hour at labor cost of \$21.11 per hour, per store is the amount of time necessary to obtain and make available the POP materials, insert the placards or posters into frames, and post the information in the store. The average labor cost is then \$10.16 ($\21.11×0.5). The total average cost per store is then \$75.73.

The average total cost of purchasing and installing posters or placards will be \$5.67 million the first year and every other year after that ($(74,910 \text{ establishments} \times \$21.11 \text{ per hour} \times .5 \text{ hours}) + (74,910 \text{ establishments} \times \$65.17 \text{ per establishment})$). The present value of this cost is \$31.07 million when discounted at 7 percent over 20 years.

Supplemental Proposed Rule Cost Estimates for Ground or Chopped Product

Should this rule become final, both meat and poultry processing firms and retail establishments will incur compliance costs associated with nutrition labeling of ground or chopped products for such items as label redesign, nutrition analysis, larger labels, and upgrading store scale-

printers. The following discussion presents the costs associated with nutrition labeling ground or chopped products for meat and poultry processing firms and for retail firms.

Meat and Poultry Processing Firms

The cost of nutrition labeling of ground or chopped products packaged by processing establishments is comprised of costs for redesigning preprinted product labels that will include a nutrition label (one-time cost), for conducting nutrition analysis on products to obtain information for the nutrition label (one-time cost), and for using larger labels that would be needed for the former product labels (recurring cost).

Based on an examination of labels applied to ground or chopped products that are labeled at processing establishments, the most common printing method for these labels is flexography.²⁴ Nutrition facts are typically printed in one color. The per-label modification estimated midpoint cost, in 2005 dollars, for a one-color change using the flexography printing method is \$2,247. The estimated minimum cost is \$1,528, and the maximum cost is \$3,170. Cost depends upon the complexity of the label design (Table 12). These estimates reflect administrative, graphic design, prepress activities, plate engraving costs, and nutrition analysis. The paperwork costs are included in the administrative costs. FSIS assumes that the paperwork costs are about 14 percent of the midpoint estimate administrative costs. Thus, the midpoint estimate of the paperwork burden costs would be \$44.66 ($\$319 \times 14 \text{ percent}$) per label modification. The estimated total per label design modification cost ranges from a low of \$929 to a high of \$2,383 with a midpoint of \$1,557.

²³ November 2005, more of the 2002 Census data was released.

²⁴ Flexography printing is frequently used for printing on plastic foil, acetate film, and other

material used in packaging. Flexography uses flexible printing plates made of rubber or plastic. The inked plates with a slightly raised image are rotated on a cylinder which transfers the image to the substrate. Flexography uses fast-drying inks, is

a high-speed print process, can print on many types of absorbent and non-absorbent materials, and can print continuous papers such as gift wrap and wallpaper.

TABLE 12—COSTS PER LABEL MODIFICATION FOR A ONE-COLOR CHANGE USING FLEXOGRAPHY PRINTING METHOD

Type of Cost	Low	Mid-Point	High
	Dollars		
Administrative ¹	137	319	502
Graphic design	342	513	684
Prepress activities	279	401	627
Plate engraving	171	323	570
Total label redesign	929	1,557	2,383
Nutrition analysis ²	599	690	787
Total	1,528	2,247	3,170

¹ Includes regulatory affair costs that are similar to paperwork burden costs.

² RTI assumed that the cost for nutrition analysis would be the cost associated with analysis required to create a Nutrition Facts panel. Source: RTI, 2003, P.7.

Although nutrition information for some ground products will be available from the USDA National Nutrient Database for Standard Reference (USDA, Agricultural Research Service, 2005) or other low-cost sources, in many cases, the regulations would require that companies conduct a separate nutrition analysis for ground or chopped products for which the USDA National Nutrient Database for Standard Reference or other sources have not provided nutrition information. Because of the large variety of ground product formulations, many products will not likely be the same or similar enough to the products for which the USDA National Nutrient Database for Standard Reference or other sources provide nutrition information. Because FSIS could not identify the number of ground or chopped products that would require a separate nutrition analysis versus the number of products for which the USDA National Nutrient Database for Standard Reference or other sources supply complete nutrition information, FSIS estimated a one-time nutrition analysis cost for all ground or chopped products. The per-label cost of this analysis is in the range of \$599 and \$787, with an average of \$690. On average, the Agency assumed that total label design will be \$1,557, and a nutrition analysis will be \$690.

Nutrition labels are designed for company-wide use. The number of affected companies is estimated by dividing the number of small and large establishments in Table 1 by three, the number of establishments owned on average by multi-establishment firms (Muth, 2003; See RTI analysis). Thus, the final estimate of the number of affected firms that own small or large Federal processing establishments that grind meat is 322 ((858 small processing establishments + 109 large processing establishments)/3). For the purposes of

this analysis, very small establishments are considered to be exempt from the requirements for nutrition labeling of ground or chopped products because FSIS assumes they have fewer than 500 employees, are owned by companies with fewer than 500 employees, and FSIS assumes they produce 100,000 pounds or less annually of each ground product. The PBIS database does not include data on size of the owning company or processed product volumes. Thus, the total number of establishments affected by the rule for this analysis may be overestimated. In addition, this analysis includes 41 State establishments/firms that are small-sized. These firms were identified in PBIS database as having grinding operations that would produce ground or chopped products.

AC Nielsen Food Purchase data from 2003 and Information Resources Inc. (IRI) were used to identify ground meat and poultry products with or without added seasonings. The purchase data include data for frozen and fresh, ground or chopped products affected by the final nutrition labeling rule. The information shows that an average of 3.3 frozen ground meat or poultry products are produced by companies that grind meat and poultry. The data were then scaled to account for the total number of ground or chopped products by assuming that a typical company produces an equal number of fresh and frozen ground meat or poultry products. Therefore, multiplying 3.3 × 2 results in an average of 6.6 products per firm and 2,396 unique meat and poultry products (6.6 × 363 firms) that are subject to the labeling requirements of the rule.

The one-time, average cost for meat and poultry establishments to modify product labels on prepackaged ground meat and poultry products to include nutrition information at processing establishments is estimated at \$5.38

million (\$2,247 mid-point per label modification costs × 363-affected companies × 6.6 affected products per company). The average present value of this one time cost discounted over 20 years at 7 percent is \$5.03 million.

In addition to the one-time costs of designing labels, companies will also incur costs for providing larger labels. The cost of larger labels was obtained by estimating the volume of ground meat and poultry products packaged by processors and multiplying the results by the incremental cost of larger labels. The cost of applying larger labels is assumed to be the same as the cost of applying smaller labels.

The NCBA's Meat Purchase Diary (RTI, 2003) indicates that an average American household purchases 49.3 pounds of raw ground beef annually from retail stores. Based on 112.0 million households in the United States (U.S. Department of Commerce, 2003), 5.5216 billion pounds (49.3 pounds per household × 112 million households) of ground beef are purchased from retail stores annually. The American Meat Institute estimates that 0.123 pounds of other ground meat and poultry products are consumed for every pound of ground beef. Consequently, an estimated 6.201 billion pounds of ground or chopped meat and poultry (5.5216 billion pounds × 1.123 scale factor) are purchased by consumers annually (66 FR 4987, January 18, 2001).

According to the NCBA, the average weight of a retail package is 2.735 pounds, with a distribution of 1.17 pounds at the 5th percentile and 4.35 pounds at the 95th percentile (McGowan, 2003). Dividing 6.201 billion pounds by 2.735 pounds per package yields an average of 2.267 billion packages of ground or chopped products sold at retail stores annually.

To determine the total number of packages sold at "exempt"

establishments, the Agency, using U.S. Census 2002 data, FSIS found that 79.3 percent of total dollar sales by supermarkets, meat markets, and warehouse stores were sold by establishments owned by large retail firms and establishments (500 or more employees). These large retail firms and establishments (266) represent 0.006 of the total number of retail firms and establishments (47,688) affected by the rule as shown in Tables 4 and 5 above. Assuming that the percentage of total dollar sales is similar to sales for ground meat and poultry products, about 1.798 billion packages (2.267 billion packages \times .793) of ground or chopped products are sold each year by nonexempt processing establishment and retail establishments.

Finally, a study conducted by NCBA, found that less than 25 percent of ground products are packaged by processing establishment (Dopp, 2001). Thus the Agency estimates that at most 566.75 million packages of ground or chopped products are packaged by processing establishments each year (2.267 billion packages \times .25).

The Agency assumes that a larger label will cost an additional \$0.005 per label, on average. This estimate was based on information from the FDA Labeling Cost Model (Muth, *et al.* 2003), where \$0.005 was the difference in cost between the low and high cost estimates for pressure-sensitive labels. This estimate was evaluated by Hobart, a label manufacturer, who believed that it was reasonable (Schuller, 2003). Multiplying 566.75 million packages by the annual added cost of \$0.005 per label results in an added cost of approximately \$2.83 million, annually. The present value of these annual costs discounted at 7 percent is \$30.02 million.

Retail Firms

The cost of nutrition labeling would also affect retail stores. But because of the small business exemption, fewer retail stores are affected by the requirements for ground and chopped products than the 74,910 establishments shown in Table 3. Using U.S. 2002 Census data shown earlier in Table 4, a total of 23,479 stores will be affected. Table 4 shows the number of retail stores that are owned by companies with more than 500 employees. FSIS assumes that stores or chains with 500 or fewer employees produce 100,000 pounds or less annually of each ground or chopped product and are, therefore, exempt from the nutrition labeling requirements for ground or chopped products.

Should the rule become final, retail establishments subject to the requirements of the rule may comply by either incorporating nutrition information on the label printed by store scale printer systems (Option 1) or by applying an additional preprinted label with nutrition information (Option 2). The cost of store-printed labels includes upgrading store scale-printers to include nutrition information, redesigning larger store labels, providing a nutrition analysis for each product, and using larger labels. Based on information from NCBA and FMI (Amstein, 2003) many scale-printers in retail establishments do not have the capability to print nutrition information on store-generated labels without an upgrade of memory capacity and software and either new printers or new printer heads. Based on a pilot study conducted by King Marketing Services, Inc., for the NCBA, the average cost to upgrade a scale-printer system in their study was \$1,600 (Amstein, 2003). FSIS assumes that, on average, retail stores have 1.5 scales in their meat departments. Thus the total cost for upgrading printer-scale systems is assumed to be about \$2,400 per store (\$1,600 per printer \times 1.5 printers). The total average cost to upgrade printer scales to provide store-printed labels for ground or chopped products is estimated at \$56.35 million (23,749 retail establishments \times \$2,400 per establishment). The analysis assumes that scales with the added features for making store-printed labels are replaced every five years. The annual maintenance costs for an upgraded scale-printer is estimated to be 6 percent of \$2,400 or \$144 (\$2,400 \times .06) every year after a scale-printer has been purchased.^{25 26}

The cost of redesigning larger store logo labels to be used with the scale-printer systems was based upon cost data from the FDA Labeling Cost Model and Census data on the number of large companies that own retail

²⁵ Based upon a communication between Warranty Department, Hobart Corporation, Troy, Ohio, and Gary Becker, USDA, FSIS, September 4, 2003, and a second communication between Sales Department, Hobart Corporation, Beltsville, Maryland, and Gary Becker, USDA, FSIS, September 4, 2003. The suggested retail price for a Quantum scale-printer is between \$5,500 and \$6,000. A one-year maintenance agreement would cost about \$355. Therefore, it has been estimated that operating and maintenance costs would be about six percent of the purchase price annually ($\$355/\$5,750 = 6\%$).

²⁶ It is possible that as new scale-printer systems are developed that the cost of including the added feature to new scale-printer systems may be less than \$1,600 per scale. But to assume, as RTI reported, that there is no additional cost for these added features in the future results in an underestimate of the compliance costs.

establishments. As for preprinted labels, flexography is the most common printing method for the store logo labels used with scale printer systems. The cost to make a one-color label redesign change depending on the complexity of the label redesign ranges from a minimum of \$929, an average of \$1,557, and a maximum of \$2,383, as shown in Table 12.²⁷ Because each company will need to redesign only one label, the average cost was multiplied by the 266 firms affected by the rule. The average one-time cost estimates for redesigning labels is \$0.414 million (\$1,557 per label design \times 266 firms). The average one-time cost estimate for the paperwork costs (average regulatory affairs costs of \$319 \times 14 percent = \$44.50) of redesigning labels is \$11,837 (\$44.50 \times 266 firms). As with products packaged by processors, label redesign can not simply be incorporated into the normal label redesign process because it is a fundamental change in the label format. Once the label is redesigned, the costs of subsequent label redesigns will not be affected substantially.

To estimate the cost of conducting nutrition analysis for ground or chopped products packaged by retailers, the number of unique products was estimated. It was assumed that each firm (or parent company) would conduct a nutrition analysis once for each unique product, which might be sold in some or all of their retail facilities. The number of firms shown in Table 4 was multiplied by an average number of store-brand products packaged at each store. To estimate the average number of ground or chopped products packaged at retail, the number of ground or chopped products with store-applied packaging at six different grocery stores and three wholesale clubs was counted.²⁸ This analysis showed that grocery stores sell an average of 4.57 ground or chopped products and warehouse stores sell an average of 1.33 ground or chopped products packaged at the store. Multiplying 4.57 by the total number of grocery store firms and meat market firms and multiplying 1.33 by the total number of warehouse club firms in Table 4 results in 1,180 ((4.57 products \times 255 grocery store and meat market firms) + (1.33 \times 11 warehouse club firms))²⁹ unique products that will

²⁷ Package redesign varies depending upon what must be changed on the current label. Therefore, three estimates have been provided.

²⁸ Each store visited by RTI was owned by a different company and included medium and large sized stores. No meat markets were visited because RTI believed that no meat markets owned by companies large enough to be affected by the labeling requirements are located in the Raleigh-Durham area.

²⁹ Numbers are rounded.

require nutrition labels applied in retail stores. FSIS recognizes that a survey of six grocery stores and three wholesale clubs in one U.S. city is not a nationally representative survey. Because of limited time and Agency resources, information from this survey provided the best available data for FSIS's estimates. Although this is a significant area of uncertainty in the cost analysis, FSIS believes these data allow for reasonable estimates of the costs to retailers.

Using the cost of a nutrition analysis shown in Table 12 above, and the number of unique products that will require nutrition labels applied in retail stores the average cost estimate is \$2.65 million ($\$2,247 \times 1,180$ unique products).

The use of larger labels is another cost that retail stores may incur should the rule become final. The cost of larger labels is the product of the number of packages of ground or chopped products sold in retail establishments and the cost of using a larger label. Earlier in the analysis, it was estimated that about 25 percent of approximately 2.267 billion packages or about 566.79 million packages of ground or chopped products are packaged by processing establishments each year. If the remaining 75 percent of total package volume of ground or chopped products is packaged at retail stores, then 1.700 billion packages ($2.267 \text{ billion} \times .75$) are packaged by retail stores annually. If the added average cost of each label is \$0.005, then retail stores will incur an added cost of about \$8.5 million ($1.7 \text{ billion packages} \times \0.005).³⁰

FSIS estimates that based on the analysis described above, the resulting average present value of one-time costs of upgrading scale-printer systems, added annual operating and maintenance costs for the scale-printer systems, one-time costs for redesigning larger store labels, one-time costs for conducting nutrition analysis, and present value costs for using a larger label will be about \$209.43 million discounted at 7 percent.

The cost of the second method of complying with the labeling requirements for ground or chopped products at retail stores (Option 2) includes designing a one-color nutrition

label, conducting a nutrition analysis for each product, and purchasing and applying a separate label on packages of ground or chopped products applied at the retail level. Using the same methodology that was described earlier, it is estimated that 1,180 unique products will be required to have nutrition labels applied in retail stores. Multiplying the number of unique products by the average per-label redesign and nutrition analysis costs (the cost of flexography is \$2,470), results in a one-time cost estimate of \$2.65 million ($1,180 \text{ unique products} \times \$2,247 \text{ per label design}$).

To estimate the cost of purchasing and applying labels to packages of ground or chopped products packaged at retail, the per-unit cost estimates from the FDA Labeling Cost Model were multiplied by the volume of packages described earlier.³¹ FSIS estimates the annual cost using the average cost of \$0.0293 per label applied. The estimated annual cost is \$49.77 million ($\$0.0293 \text{ per label and application cost} \times 1.452 \text{ billion retail packages}$). All of these costs will be incurred by large and small businesses. The present value of these costs is \$452.83 million when discounted at 7 percent.

Percentage Lean/Percentage Fat Labeling

In the PRIA, FSIS assumed that the cost per label to provide information regarding percent lean/percent fat would be comparable to those costs for nutrition labeling, \$0.0025 to \$0.05 per label, if that information was included as part of the price label and \$0.01 per label if producers developed separate percent fat/percent lean labels. Based on the National Cattleman's Beef Association National Meat Case Study in 2004, approximately 25 percent of ground beef package labels surveyed had statements of the lean percentage of the packaged products but did not have nutrition facts panels. Therefore, FSIS assumed that many small businesses may currently include a statement of the lean percentage on the label of ground products but may not include nutrition facts panels on the product label. Based on this assumption, FSIS concluded that requiring small businesses that use the lean percentage and fat percentage statement on the label of ground products to also include nutrition information on the label of such products may result in significant expenses for small businesses. An

³¹The Agency estimated the low, mid-point, and high per-unit cost for purchasing and applying one-color pressure-sensitive labels in 2005 dollars to be \$0.016, \$0.0293, and \$0.042, respectively.

additional 47,422 small businesses with an additional 51,431 retail establishments (stores) (see Table 5) may be affected. Based on the FSIS cost model (see Appendix B), this may increase the present value (7 percent) of average expenses for small businesses by about \$394.16 million or by about \$37.21 million when annualized (7 percent). Therefore, in this supplemental proposed rule, small businesses that use statements of percent fat and percent lean on the label or in labeling of ground products will be exempt from nutrition labeling requirements, provided they include no other nutrition claims or nutrition information on the product labels or labeling. FSIS is taking this action, pursuant to 5 U.S.C. 604(a)(5), to minimize the significant impact of the regulation on small and very small establishments and small retailers. By taking this action, many of these small businesses will not be affected by this rule at all.

Summary of Cost Estimates

FSIS estimates that the average present value of the compliance costs associated with the provisions of the supplemental proposed rule for retail and processing establishments is \$348.06 million discounted at 7 percent,³² or \$472.23 million discounted at 3 percent³³ (see tables 13 and 14). The average annualized costs are \$32.85 million and \$31.74 million, based on a 7 percent and 3 percent discount rate, respectively. These estimates are based on the assumption that retail stores will choose the less costly of the two options which would be to upgrade their scale-printer systems, redesign larger store labels, conduct a nutrition analysis, and use larger labels. If these retail establishments choose the more costly option, the average present value cost to retail processing establishments could be as high as \$599.64 million, discounted at 7 percent and \$838.40 million, discounted at 3 percent.

The average present value cost of the supplemental proposed rule for retail establishments under option 1 would be

³²The FSIS analysis which takes into account the uncertainty associated with various cost factors shows that the values at the 5th and 95th percentiles for this average present value using a 7 percent discount rate and 20 year time horizon are \$282.88 and \$474.79 million, respectively. See Appendix D, Table 1.

³³The FSIS analysis which takes into account the uncertainty associated with various cost factors shows that the values at the 5th and 95th percentiles for this average present value using a 3 percent discount rate and 20 year time horizon are \$380.76 and \$650.23 million, respectively. See Appendix D, Table 1.

³⁰The Agency assumed an average cost of \$0.005 per label for a larger label because it represents the change in cost between low, midpoint, and high cost estimates for pressure-sensitive labels in the FDA Labeling Cost Model (Appendix B). The differences in the low, midpoint, and high cost estimates derive primarily from the differences in the size of labels. Second, a representative from Hobart, which manufactures labels, says that \$0.005 was a reasonable estimate for the added cost of a larger label for including nutrition facts.

\$312.77 million using a 7 percent discount rate and \$424.53 million using a 3 percent rate. However, under Option 2, the average present value cost to retail establishments could be \$564.36 million

discounted at 7 percent and \$790.70 million discounted at 3 percent. Processing establishments will incur the smallest portion of the cost increases. FSIS expects average present

value costs to processing establishments costs to be \$35.28 million discounted at 7 percent and \$47.70 million discounted at 3 percent.

TABLE 13—COST SUMMARY OF THE SUPPLEMENTAL PROPOSED RULE (NOMINAL)

Measure	Year							
	1	2	3	4	5	6-10	11-20	Total
	\$ Million							
Retail: Purchase & Install POP Placards	5.67	0.0	5.67	0.0	5.67	11.35	28.36	56.73
Processing: Modify Labels on Pre-packaged Ground or Chopped Products	5.39	0.0	0.0	0.0	0.0	0.0	0.0	5.39
Processing: Larger Labels on Ground or Chopped Products	2.42	2.42	2.42	2.42	2.42	12.10	24.21	48.41
Retail: (Option 1)	69.91	12.33	12.33	12.33	12.33	118.01	236.03	473.29
Retail: (Option 2)	45.13	42.51	42.51	42.51	42.51	212.55	425.10	852.86
Total Retail: (Option 1 and POP Placards)	75.58	12.33	18.01	12.33	18.01	129.36	264.39	530.01
Total Retail: (Option 2 and POP Placards)	50.83	42.51	48.18	42.51	48.18	223.90	453.47	909.58
Total All Processing Plants	7.81	2.42	2.42	2.42	2.42	12.10	24.21	53.80
Total Retail: (Option 1 and POP Placards) and Processing	83.39	14.75	20.43	14.75	20.43	141.46	288.60	583.81
Total Retail: (Option 2 and POP Placards) and Processing	58.64	44.93	50.60	44.93	50.60	236.00	477.67	963.38

TABLE 14—COST SUMMARY OF THE SUPPLEMENTAL PROPOSED RULE (DISCOUNTED)

Measure	Year							
	1	2	3	4	5	6-10	11-20	Total
	\$ Million							
7% Discount Rate								
Retail: Purchase & Install POP Placards	5.30	0.0	4.63	0.0	4.04	6.62	10.47	31.07
Processing: Modify Labels on Pre-packaged Ground or Chopped Products	5.04	0.0	0.0	0.0	0.0	0.0	0.0	5.04
Processing: Larger Labels on Ground or Chopped Products	2.26	2.11	1.98	1.85	1.73	8.64	7.08	30.24
Retail: (Option 1)	65.37	10.77	10.06	9.41	8.79	73.58	89.91	281.70
Retail: (Option 2)	42.23	37.11	34.69	32.44	30.31	124.36	151.80	533.29
Total Retail: (Option 1 and POP Placards)	70.67	10.77	14.69	9.41	12.84	80.20	100.38	312.77
Total Retail: (Option 2 and POP Placards)	47.53	37.11	39.32	32.44	34.35	130.88	162.28	564.36
Total All Processing Plants	7.71	2.11	1.98	1.85	1.73	7.08	8.64	35.28
Total Retail: (Option 1 and POP Placards) and Processing	79.60	12.88	16.67	11.26	14.56	87.27	109.03	348.06
Total Retail: (Option 2 and POP Placards) and Processing	62.34	39.22	41.29	34.28	36.08	137.95	170.92	599.64
3% Discount Rate								
Retail: Purchase & Install POP Placards	5.51	0.0	5.19	0.0	4.90	8.96	18.27	42.82
Processing: Modify Labels on Pre-packaged Ground or Chopped Products	5.23	0.0	0.0	0.0	0.0	0.0	0.0	5.23
Processing: Larger Labels on Ground or Chopped Products	2.35	2.28	2.21	2.15	2.09	9.56	13.36	42.46
Retail: (Option 1)	67.88	11.63	11.28	10.95	10.64	95.87	154.06	381.72
Retail: (Option 2)	43.85	40.09	38.90	37.75	36.69	167.87	269.77	747.88
Total Retail: (Option 1 and POP Placards)	73.39	11.63	16.48	10.95	15.54	104.82	172.32	424.53
Total Retail: (Option 2 and POP Placards)	49.36	40.09	44.09	37.75	41.59	176.83	288.04	790.70

TABLE 14—COST SUMMARY OF THE SUPPLEMENTAL PROPOSED RULE (DISCOUNTED)—Continued

Measure	Year							
	1	2	3	4	5	6–10	11–20	Total
Total All Processing Plants	8.00	2.28	2.21	2.15	2.09	9.56	15.36	47.70
Total Retail: (Option 1 and POP Placards) and Processing	82.66	13.91	18.69	13.10	17.63	114.38	187.68	472.23
Total Retail: (Option 2 and POP Placards) and Processing	64.74	42.37	46.30	39.90	43.67	186.39	303.40	838.40

The average cost increases that FSIS has identified are higher than those estimated by RTI in their revised final report to FSIS. RTI had estimated the present value cost to be \$159.0 million discounted at 7 percent under Option 1. RTI had also estimated the present value cost to be \$396.7 million discounted at 7 percent under Option 2. The FSIS estimates are higher than the RTI estimates because FSIS believes that scale-printers will have to be replaced periodically since they have a limited useful life. This equipment will also have to be maintained on a periodic basis. In addition, the costs are higher because the costs were updated to reflect 2005 costs instead of 2003 costs. Also, the U.S. Census 2002 data was used that indicated that there are more stores selling food products.

Impacts of Exemptions and Existing Compliance on Costs

FSIS did not reduce the compliance costs of the supplemental proposed rule to take into account the level of voluntary compliance with the nutrition labeling requirements for ground or chopped products that currently exist. Consequently, the estimated compliance costs for providing nutrition labeling of ground or chopped products are overstated. However, Appendix C, Tables 1, 2, 3, 4, and 5 show the estimated costs which take into account a 68 percent compliance rate (NCBA, 2004) of voluntary nutrition labeling of ground or chopped products that is currently assumed to exist.

FSIS estimated the costs to all retailers of obtaining and displaying POP information for major cuts. FSIS did not take into account the existing level of compliance with the voluntary guidelines for nutrition labeling of major cuts. Consequently, the estimated compliance costs for providing POP nutrition information are also overstated. The impacts of a 54.8 percent level of voluntary compliance (USDA, 1999) of stores that provide nutrition labeling for major cuts are, however, shown in Appendix C, Tables 1, 2, 3, 4, and 5.

Appendix D, Table 1 provides a summary of the present value costs of the rule after taking into account the levels of voluntary compliance that are currently assumed to exist. The average present value costs of the rule decline to \$115.45 million and \$156.72 million when using a 7 percent and 3 percent discount rate, respectively.³⁴

Impact on Estimated Costs

The estimates of the total undiscounted compliance costs of the final requirements for ground or chopped product and POP requirements for major cuts are \$583.81 million under Option 1. The average present value cost is \$348.06 million at 7 percent, with all but \$31.07 million attributed to the labeling costs for ground or chopped product. The average annualized cost of the supplemental proposed rule for ground or chopped product, using the same 7 percent discount rate, is \$32.85 million. This cost is not significant relative to the volume of output of ground or chopped products sold at retail. For example, as noted earlier, the annual volume of these products sold at retail stores is estimated at 6.2 billion pounds. Therefore the annualized cost of the supplemental proposed rule per pound of ground or chopped product is \$0.0053 (\$32.85 million/6.2 billion pounds). Viewed another way, it was estimated earlier that the average weight of a retail package was 2.735 pounds. Therefore the annualized average cost of the supplemental proposed rule on a per package basis is \$0.014 (\$0.0053 per pound × 2.735 pounds per package). This increase compares to a price for ground beef that can easily exceed \$2.00 per pound or over \$5.00 for an average-size package.

Should the rule become final, FSIS believes that the compliance costs of the

³⁴ The FSIS analysis which takes into account the uncertainty associated with various cost factors shows that the values at the 5th and 95th percentiles for this average present value using a 7 percent discount rate and 20 year time horizon are \$94.72 and \$155.97 million, respectively. The values at the 5th and 95th percentiles of the present value cost distribution using a 3 percent discount rate are \$127.63 and \$213.60 million, respectively. See Appendix D, Table 1.

rule largely will be passed on to consumers in the form of higher product prices because the demand for meat and poultry products is inelastic. Huang (1993) analyzed a group of meats and other animal proteins consisting of products including beef and veal, pork, other meats, chicken, turkey, fresh and frozen fish, canned and cured fish, eggs, and cheese. He concluded that the price elasticity of demand for this group of products was (-0.3611), i.e., a one percent increase in price for one of these products would reduce demand by only 0.3611 percent.

Review of about a dozen recent studies annotated by William Hahn (1996) of the Economic Research Service reveals that estimates of price elasticity of demand for most beef products (ground beef, steak, chuck roast, etc.) is less than one. Consequently, consumers are unlikely to reduce their demand for beef, ground meat products, etc., significantly when beef prices increase a few pennies per pound. Some consumers may demand labeled products, even at a higher cost per pound, given the value of the information from a diet/health perspective.

2. Supplemental Proposed Rule Benefit Analysis

Research Findings

FSIS conducted an extensive search of research on the impacts of nutrition labeling and consulted with the Economics Research Service, USDA on the estimation of benefits. FSIS has found that there are a limited number of nationally representative studies on the effect of nutrition label and POP nutrition information use on dietary intakes. In these studies, the authors frequently examine consumer behavior before and after a significant change in the availability of nutrition labeling information (e.g., Nutrition Labeling and Education Act (NLEA) implementation and relaxation on the prohibition of health claims). The general conclusion of the available research is that there is a positive relationship between the availability of nutrition information and improvements in diet quality.

Research by Kim, *et al.* used USDA's Continuing Survey of Food Intake by Individuals, 1994-96 (CSFII) and the associated Diet Health Knowledge Survey (DHKS) to evaluate the impact of nutrition labels required by the NLEA on consumer label use and intake of selected nutrients. They used an econometric model to evaluate the effects of nutrition label usage by comparing the nutrient intake of label users with the expected intake of the label user in the absence of labels. For those who use nutrition facts information, the intake of calories from total fat, saturated fat, cholesterol, and sodium decreases by 6.9 percent, 2.1 percent, 67.6 mg, and 29.58 mg respectively.

However, measuring the effectiveness of nutrition labels on dietary intake is complicated by the relationship between label reading and other factors that also affect diet. For example, consumers with high levels of knowledge and concern about nutrition are likely to eat a healthier diet than consumers who are less concerned about nutrition; they are also more likely to read labels and use labels to guide their diet. A recent study Variyam (2008) uses the same dataset as Kim *et al.* (2000) and finds that the labels increase only fiber and iron intakes of label users compared with label nonusers. The author notes that in comparison, a model that does not account for self-selection implies significant label effects for all but two of the 13 nutrients that are listed on the NFP. Below we provide some information from other studies that show an association between nutrition label and improved diet. However, we note that these studies did not account for the potential self-selection problem and may overstate the effectiveness of nutrition labeling in improving diet. In addition, none of these studies directly assessed the consumer responses to labeling on raw meat products.

Neuhouser, *et al.* 1999, analyzed data from a survey of 1,450 adult residents in Washington State. The survey assessed nutrition label use, fat-related diet habits, fruit and vegetable consumption, diet-related psychological factors, health behavior and demographic characteristics. They concluded that nutrition label use was significantly associated with lower fat intake and, after controlling for all demographic, psychosocial, and behavioral variables, nutrition label use explained 6 percent of the variance in fat intake, with a probability of 99.9 percent.

Teisl and Levy in 1997 conducted a 3-year study on the direct effects of nutrition shelf label information on

consumer purchasing behavior. Shelf labels containing nutrition information were found to have small but significant effects on consumer dietary patterns. The study also found that providing nutrition information may allow consumers to more easily switch consumption away from "unhealthy" products in food categories where differences in other quality characteristics, such as taste, are relatively small toward consumption of products in food categories where the difference in taste between the more and less fatty products may be relatively large. The type and format for the nutrition information used in the study, brand specific nutrition information provided on the shelf in conjunction with the products' unit and item price information, may help to explain the results. This research shows that the main effect of the nutrition shelf labeling program occurred relatively quickly. The authors attribute this response, in part, to ancillary activities efforts, such as measures to enhance consumer health education, occurring as part of the initial nutrition labeling program being evaluated.

Related research conducted by Teisl, Bockstael, and Levy in 2001 found that the provision of nutrition information led consumers to change purchase behavior, but may not necessarily lead to their buying more "healthy" foods. They conclude that consumer responses to nutrition labeling may take two forms: a "health" effect and a "substitution" effect. The first arises when consumers reduce net intake of "unhealthy" nutrients and increase purchases of "healthy" foods. The second effect occurs when consumers increase their level of satisfaction by substitution across food categories using nutrition information to maintain an overall level of health risk while increasing satisfaction from other food attributes, such as flavor. They also note that economic analyses that identify the benefits of health risk reduction as the costs of foregone illness may understate the overall benefits of nutrition labeling. They assert that consumer welfare is improved (and, therefore, there is a willingness to pay for nutrition information) even if health risks are not reduced because consumers make food choices more in line with non-health preferences about food attributes.

Research by Moorman in 1996 examined whether the NLEA increased consumers' understanding of nutrition information at the point of sale, whether understanding of nutrition information has been promoted regardless of individual consumer preferences, and whether understanding of nutrition

information at the point of sale has increased for healthful and non-healthful products. Moorman found statistically significant increases in consumers' nutrition information acquisition after the NLEA took effect. Motivated consumers acquired more information after the law went into effect than before and even the less motivated more accurately recalled fat content after the law went into effect. The research also found that consumers retained more information about higher fat products (defined as those having more than 5.5 grams of fat per serving) than they did about lower fat products. The author made the assessment that standardized and adequate nutrition information, as required by the NLEA, raised awareness of the nutritional quality of food products, thereby increasing the focus on higher fat products. Consequently, the NLEA may have spurred product competition, even among high fat products (Aldrich).

Ippolito and Mathios (1995) studied the effect of an FDA relaxation on a prohibition against health claims. Following the decision to allow health claims on labels in 1985, nutrition advertising, a form of nutrition education when such advertising contains factual information, increased significantly. While they found that fat consumption per capita fell prior to the FDA decision to allow health claims on labels, it fell at a faster rate after the prohibition was eased. Their research also found that prior to when health claims were allowed, fat consumption declined among categories of food whose fat or cholesterol content was widely communicated: Meat, eggs, and fats and oils. However, increases in fat content from other foods largely offset these consumption declines. After relaxing the prohibition, people consumed less fat across more categories, with less of an increase in consumption in other categories. The results suggest that more specific information about nutritional content of foods assists consumers in making healthier food choices within food categories.

In related research, Mathios and Ippolito (1998) analyzed the effect of nutrition information in advertising and labels on consumption of food cereals with fiber content. They divided their study into two periods: The period 1974-1984, when the FDA permitted printing of fiber content on cereal boxes but did not permit printing of any health claims; and the period 1985-1987, when health claims were permitted. They concluded that, in concert with an increase in fiber intake of cereals in their diets, the average

intakes of fat, saturated fat, and dietary cholesterol for both men and women declined during both the periods, albeit the decline was greater during the second period relative to the first. They concluded that the increase in fiber and the decrease in fat and cholesterol consumption were associated with the consumption of labeled cereals.

Although the self-selection issue noted above complicates the precise measurement of the incremental impact of labeling, the results of the studies identified above suggest there may be a positive link between nutrition label use and dietary change beyond that resulting from healthier eating habits of those who regularly rely on nutrition labels.

Consumer Response to Nutrition Labeling

FSIS consulted with ERS to develop the empirical analysis of the benefits of nutrition labeling for the proposed rule

(Crutchfield, *et al.*, 2001b). The estimated benefits take the form of reductions in the incidence of coronary heart disease and three types of cancer that may accrue as consumers improve their diet quality through increased use of nutrition information generated by the regulation.

As will be shown, survey data on nutrient intake and label use were used to correlate intake of fat, saturated fat, and cholesterol with usage of existing nutrition information. The Agency estimated the value of the potential changes from intake of fat, saturated fat, and cholesterol that could occur as consumers respond to the newly available nutrition information. A model developed by Zarkin *et al.* (1991, 1993) links changes in the serum cholesterol rate to changes in the percentage of total calories from polyunsaturated fat, saturated fat, and dietary cholesterol. Changes in serum

cholesterol are then used to estimate the health outcomes, which are reductions in the number of cases and mortality from three cancers (breast, colorectal, and prostate) and coronary heart disease. Finally, the economic value to the public health changes were estimated by assuming an implied value of life associated with reductions in premature mortality.

Assumptions were made concerning consumer behavior to determine how much of a behavioral response and change in dietary intake may result from providing more nutrition information on meat and poultry products. For example, when nutrition labels and other sources of nutrition information are provided for raw meat and poultry products, FSIS made the assumption that nutrition information usage rates will rise to match nutrition label usage rates for food products as a whole (Table 15).

TABLE 15—CONSUMER USAGE OF NUTRITION INFORMATION

	Often		Sometimes		Rarely/never		Do not buy	
	Men	Women	Men	Women	Men	Women	Men	Women
Use nutrition facts panel	26.7	41.7	25.6	32.6	47.7	25.6	n/a	n/a
Look for nutrition information on raw meat	16.9	22.1	18.2	18.0	62.7	57.9	2.2	2.0

Note: Percent of respondents, based on 3 year weighted averages, 1994–1996. Crutchfield, *et al.*, 2001b.

TABLE 15b—CONSUMER USAGE OF NUTRITION INFORMATION AFTER MANDATORY LABELING FOR RAW MEAT, POULTRY, AND FISH

	Often		Sometimes		Rarely/never		Do not buy	
	Men	Women	Men	Women	Men	Women	Men	Women
Use nutrition facts panel after mandatory labeling	26.1	40.9	25.0	31.9	46.7	25.1	2.2	2.0

Using the proportions of men (2.2 percent) and women (2.0 percent) who report not buying raw meat, poultry or fish, the new assumed label use distribution after mandatory labeling is shown in Table 15b. The percentage of men who would use the label often to buy raw meat, poultry, or fish would be 26.1, which is obtained as 0.267×97.8 , where .267 is the proportion of men who use label often in Table 15 and 97.8 is the percentage of men who buy raw meat, poultry, or fish.

Currently, some nutrition information is provided for some single-ingredient, raw meat and poultry products, but the information is not currently required. Mandatory nutrition labeling rules for the major cuts and ground or chopped products would mean that the nutrition information provided for these products would be comparable to that provided for other food products. The analysis

could reasonably assume that nutrition information usage rates for raw meat and poultry products would then become the same as the nutrition label usage rates for all foods taken together. For example, before mandatory nutrition information labeling, the data show that about 17 percent of men look for nutrition information on meat "Often" (Row 2 of Table 15). In this analysis, then, it is assumed that after mandatory nutrition information labeling, 26.7 percent of men would use the nutrition fact panel or POP materials for meat products, which is the nutrition label usage rate for all foods (Row 1 of Table 15). Similarly, the Agency assumed that the percentage of women using nutrition information on meat products "Sometimes" would rise from 18 percent to 32.6 percent.

To assess the impacts on diet quality, the Agency assumed in the preliminary

regulatory impact analysis that as nutrition information usage rates rise for consumers eating meat and poultry, dietary patterns will change in a manner consistent with current data. However, Crutchfield *et al.* (2001b) note that this is an "admittedly strong" assumption. As shown above, there is strong statistical evidence that people who use nutrition information to guide their food consumption decisions have healthier diets. While other factors may be at work, the Agency made the assumption that the provision of additional nutrition information and making that information available to more consumers will lead to behavioral shifts and improved diet quality. Thus, the assumption is made that the effect of providing new nutrition information for meat and poultry products would make some (not all) consumers who currently do not look for nutrition information on

meat and poultry products more aware of the dietary implications of their food choices. As these consumers see the new nutrition labels on packages of meat and poultry products or new POP information, they may begin to use the nutrition label or POP information or to use it more frequently. Some of these consumers would then choose to consume the same mix of products as people who are currently aware of the nutritional quality of meat and poultry products because they look for such nutrition information as currently is available. For example, men who currently do not look for nutrition information on meat in the absence of mandatory nutrition information labeling who would begin using this information "Sometimes" after nutrition labeling is in place would see a decrease in fat intake from 96 grams to 92.5

grams (Row 1 of Table 16). Women who previously had been using labels "Sometimes" who now use them "Often" would see a decrease in saturated fat intake from 20.60 grams to 17.39 grams (Row 5 of Table 16). Similar changes in fat and saturated intakes as a percentage of total calories can be assessed from Table 17.

The Crutchfield *et al.* (2001b) study simply assumed consistency of behavior toward label use and changes in diet quality. Whether the assumption leads to overstating or understating health benefits is not known.

Consumers will not use labels to make very significant dietary changes. If diet quality associations found with all other labeled foods do not hold up for nutrition labels on meat, then health benefits in the supplemental PRIA are overestimated. Of course, health benefits are only one way in which

benefits might be realized. Consumers might choose to use nutritional information to enhance enjoyment of food, and not to raise their health status. Further, they may be better off than if they had raised their health status, since rational consumers will use information to their best advantage. If we observe rational, well-informed consumers selecting a more enjoyable diet, for these consumers a more enjoyable diet was worth more than better health. Thus, when we restrict benefits estimates to allow only for information to be used to advance health status, we are simultaneously restricting estimated benefits to a lower level of value to consumers. The FSIS analysis imposes that restriction and the resulting benefits estimate must therefore be interpreted as an underestimate of overall benefits.

TABLE 16—DIETARY INTAKE OF FAT, SATURATED FAT, AND CHOLESTEROL BY USAGE OF NUTRITION INFORMATION ON RAW MEAT, POULTRY, OR FISH

	Often	Sometimes	Rarely/ never	Do not buy	Average
Men:					
Total fat	81.64	92.49	96.09	74.48	92.51
Saturated fat	27.20	31.09	32.44	24.02	31.12
Cholesterol	311.81	321.49	355.14	236.83	339.07
Women:					
Total fat	53.90	61.70	62.18	57.23	60.16
Saturated fat	17.39	20.60	21.41	17.27	19.71
Cholesterol	194.32	219.27	216.55	135.89	210.53

Note: Fat intake in grams, cholesterol in milligrams. Crutchfield, *et al.*, 2001b.

TABLE 17—PERCENTAGES OF CALORIES FROM FAT, SATURATED FAT, BY USAGE OF NUTRITION INFORMATION ON RAW MEAT, POULTRY, OR FISH

	Often	Sometimes	Rarely/ never	Do not buy	Average
Men:					
Total fat	31.67	34.03	33.88	26.69	33.44
Saturated fat	10.53	11.36	11.37	9.52	11.19
Cholesterol	311.81	321.49	355.14	236.83	339.07
Women:					
Total fat	31.62	32.94	32.87	26.79	32.49
Saturated fat	10.15	10.82	10.82	9.19	10.64
Cholesterol	194.32	219.27	216.55	135.89	210.53

Note: Fat and saturated fat values are percentages of total calories; cholesterol in milligrams. Crutchfield, *et al.*, 2001b.

Under these assumptions, then, the Economic Research Service of the U.S. Department of Agriculture analyzed how requirements for mandatory nutrition information labeling of raw meat and poultry products could possibly affect diet quality (Crutchfield, *et al.*, 2001b). Table 18 shows the estimated intake of fat, saturated fat, and

cholesterol, by gender, after adjusting for the assumed change in patterns of label use. To reach the values shown in Table 18, each cell in Table 16 (the dietary intake of fat, saturated fat, and cholesterol) was multiplied by the associated percentage of label use (nutrition facts panel use) from Table 15. This increased the number of people

in the "often" and "sometimes" cells, and decreased the number of people in the "rarely/never" cells, so that the distribution of label usage on meat and poultry products would reflect the distribution of label usage on all products.

TABLE 18—CHANGE IN INTAKE DUE TO INCREASED LABEL USAGE

	Intake prior to mandatory labeling for meat & poultry	Intake after adjusting for increased label usage	Decreased intake
Men:			
Total fat	92.51	91.31	1.3%
Saturated fat	31.12	30.69	1.37%
Cholesterol	339.1	335.0	4.12
Women:			
Total fat	60.16	58.57	2.65%
Saturated fat	19.71	19.45	1.32%
Cholesterol	210.5	208.2	2.37

Note: Fat intake in grams, cholesterol in milligrams. Fat and saturated fat intake changes are in percentage terms, cholesterol intake changes are absolute changes in milligrams. (Crutchfield, *et al.*, 2001b.)

Applying these new label use percentages of men and women to their intakes in Tables 18 and 19, the new estimated changes in intakes, after accounting for non-buyers, are reported in Tables 18b and 19b.

TABLE 18b—CHANGE IN INTAKE DUE TO INCREASED LABEL USAGE, ASSUMING THAT THE PERCENTAGE OF NON-BUYERS REMAINS UNCHANGED

	Intake prior to mandatory labeling for meat & poultry	Intake after adjusting for increased label usage	Decreased intake
Men:			
Total fat	92.51	90.94	1.7%
Saturated fat	31.12	30.55	1.83%
Cholesterol	339.1	335.0	4.1
Women:			
Total fat	60.16	58.54	2.69%
Saturated fat	19.71	19.40	1.57%
Cholesterol	210.5	210.52	-0.02

Note that the second column in Table 18b is computed as the weighted average of intakes from Table 16, using the percentages in Table 15 as weights. For example, for the total fat intake of

men, $81.64 \cdot .261 + 92.49 \cdot .25 + 96.09 \cdot .467 + 74.48 \cdot .022 = 90.94$.

Aggregating across categories, a new weighted average intake is obtained, which could be seen after the imposition of mandatory labeling

requirements. Table 19 shows the percentage of calories from fat and cholesterol intake that were derived in a similar manner using intakes from Table 17.³⁵

TABLE 19—CHANGE IN PERCENTAGE OF CALORIES FROM FAT AND CHOLESTEROL INTAKE DUE TO INCREASED LABEL USAGE

	Intake prior to mandatory labeling for meat & poultry	Intake after adjusting for increased label usage	Decrease in intake
Men:			
Total fat	33.44	33.33	0.11
Saturated fat	11.19	11.14	0.04
Cholesterol	339.1	335.0	4.12
Women:			
Total fat	32.49	32.37	0.11
Saturated fat	10.64	10.54	0.10
Cholesterol	210.5	208.2	2.37

Note in Table 19 that fat intake is in grams, and cholesterol is in milligrams. Further, fat and saturated fat intake

changes are in percentage terms, and cholesterol intake changes are absolute

changes in milligrams. (Crutchfield, *et al.*, 2001b).

³⁵ The calculations in Tables 18 and 19 ignore the fact that 2.2% of men and 2% of women report not buying meat, poultry or fish (Table 15). If these

proportions are assumed to remain unchanged after mandatory labeling, then the decrease in intakes

estimated in Tables 18 and 19 would be slightly different.

TABLE 19b—CHANGE IN PERCENTAGE OF CALORIES FROM FAT AND CHOLESTEROL INTAKE DUE TO INCREASED LABEL USAGE, ASSUMING THAT THE PERCENTAGE OF NON-BUYERS REMAINS UNCHANGED

	Intake prior to mandatory labeling for meat & poultry	Intake after adjusting for increased label usage	Decrease in intake
Men:			
Total fat	33.44	33.19	0.25
Saturated fat	11.19	11.11	0.08
Cholesterol	339.1	335.0	4.1
Women:			
Total fat	32.49	32.23	0.26
Saturated fat	10.64	10.50	0.14
Cholesterol	210.5	210.52	-0.02

Note: Fat and saturated fat intake changes are in percentage terms, cholesterol intake changes are absolute changes in milligrams.

Applying these new label use percentages of men and women to their intakes in Tables 18 and 19, the new estimated change in intakes, after accounting for non-buyers, are reported in Tables 18b and 19b.

Comparing Table 18b with Table 18 and Table 19b with Table 19, it can be seen that when the proportions of non-buyers are assumed to remain unchanged, the estimated decrease in intakes of fat and saturated fat are higher, decrease in cholesterol is nearly the same for men, whereas for women cholesterol intake increases slightly. This is because the fat and saturated fat intakes of buyers are higher than non-buyers, whereas the cholesterol intakes of women buyers are in general lower than women non-buyers. Based on these magnitudes, if the new numbers are used in the calculations, the benefits of labeling are likely to be even higher.

Evaluation of Health Effects

Based on epidemiological research, the estimated reductions in calories from fat and cholesterol intake (Table 19) were used to estimate the decrease in the incidence of major diseases associated with consumption of fat and cholesterol. The diseases considered in this analysis include three types of cancer and coronary heart disease. Epidemiological studies of the

relationships between dietary fat and cholesterol intake and incidence of cancer and coronary heart disease indicate that saturated and polyunsaturated fat and cholesterol are converted into serum cholesterol. Serum cholesterol has an impact on the incidence rates of these diseases. Zarkin, *et al.* (1993) developed a model which estimated the relationships between dietary intake of fat and cholesterol to convert fat contents into the change in fat and serum cholesterol:

$$(1) SC (Mg/) = 2.16S - 1.65P + 0.097C$$

Where SC is serum cholesterol, S is the change in percentage of total calories represented by saturated fat, P is the change in percentage of total calories represented by polyunsaturated fat, and C is the change in dietary cholesterol measured in mg/1,000 calories.

Mancino and Kuchler (2009) show that the threat of severe adverse health consequences can induce significant improvements in diet quality (improvements from the perspective of the public health community, not from consumers' perspectives). Cigarette smoking and dietary intake of cholesterol, total fat, and saturated fat are lower for those whose physicians told them they have high cholesterol, compared to those with undiagnosed high cholesterol. But, some also choose

to compromise diet quality. Mancino and Kuchler found that dietary intake of cholesterol is unaffected by the decision to take cholesterol-lowering medication. However, for those taking cholesterol-lowering medication, diets are higher in total fats and in saturated fats than are diets of those with unmedicated high cholesterol. The waist circumference of those on medication is also larger, although some of the increase may be associated with reduced cigarette consumption. The increased dietary intake of fat and saturated fat, along with increased waist size are telling evidence of offsetting behavior, as medication lowers the health price of unhealthy choices.

Reductions in serum cholesterol are then converted to reduction in risk of coronary heart disease and the three types of cancers. The estimated values of percentage changes in saturated fat and cholesterol intake from the last column of Table 18 were substituted into the model developed by Zarkin, *et al.* Since separate data for polyunsaturated (P) fat were not available, it was assumed that P would be one-third of total fats, as was also assumed by Zarkin, *et al.* The estimates of serum cholesterol for male and female consumers and reductions in mortality are shown in Table 20.

TABLE 20—REDUCTION IN SERUM CHOLESTEROL AND CHANGE IN MORTALITY

	Change in calories from total fat	Change in calories from saturated fat	Change in cholesterol intake	Change in serum cholesterol	Reduction in mortality
	% change				%
Men	0.11	0.04	4.12	0.399	0.0240
Women	0.11	0.10	2.37	0.231	0.0139

The calculated values of SC presented above were used to estimate incidence of breast, prostate, colon/rectal cancer, and coronary heart disease. Zarkin, *et*

al. (1993) concluded that an increase in serum cholesterol by 20 mg/1,000 calories was associated with a 1.2-percent increase in the incidence of

each of these diseases. This rate was used to convert reductions in total fat, saturated fat, and cholesterol in Table 18 into SC. It is estimated that the

reduction in mortality associated with changing dietary pattern resulting from mandatory nutrition information labeling are 0.024 percent for men, and about 0.014 percent for women.

However, Crutchfield *et al.* (2001b) note that: "the link between fat intake, serum cholesterol, and cancer risk is less clear than for coronary heart disease."

The PRIA did not estimate changes in total meat or poultry consumption that may result from the rule, because of the assumption that consumers would choose different types of meat and poultry to reduce fat, saturated fat, and cholesterol. For example, consumers may consume more poultry and less red

meat, or they may consume more white poultry meat and less dark poultry meat in response to the newly available nutrition information. Also, in response to the nutrition information, consumers may prefer to purchase meat that has been trimmed more closely to remove fat.

The assumption that total consumption of meat or poultry would not change in response to the newly available nutrition information is consistent with the approach taken by other studies that examine consumers' response to health claims. One such study is noted in the PRIA (66 FR 4989, January 18, 2001). There is no research

available that establishes a relationship among nutrition labeling information, health effects, and total meat or poultry consumption.

Table 21 presents data on the annual number of deaths associated with the three types of cancer and coronary heart disease for men and women in the United States in 1998. Data for the number of deaths came from the National Center for Health Statistics (coronary heart disease) and the American Cancer Society (cancer). Data on colorectal cancer were not available by gender; FSIS assumed the estimated 56,000 cases were distributed equally between men and women.

TABLE 21—REDUCTION IN MORTALITY, NUMBER OF DEATHS, AND ESTIMATED LIVES SAVED

	Reduction in mortality (%)		Number of deaths		Number of lives saved		
	1	2	3	4	5	6	7
	Men	Women	Men	Women	Men	Women	Total
Breast Cancer		0.0139		41,200	0	6	6
Prostate Cancer	0.0240		31,900		8	0	8
Colorectal Cancer	0.0240	0.0139	28,000	28,000	7	4	11
Coronary Heart Disease	0.0240	0.0139	231,332	228,769	55	32	87

The fact that FSIS's analysis did not estimate changes in total meat or poultry consumption may be a limitation of the results, but it is not a major concern, because FSIS's analysis assumes that when consumers read the new nutrition information, they will use the information and choose to consume the same mix of products as consumers that are aware of the nutritional quality of meat and poultry. The calculations in the PRIA are based on a distribution of nutrition label usage on meat and poultry that reflects the distribution of nutrition label usage for food products as a whole. FSIS did not receive comments on the fact that the PRIA did not estimate changes in total meat or poultry consumption. The supplemental PRIA incorporates the PRIA's estimates of potential changes from intake of fat, saturated fat, and cholesterol that could occur as consumers respond to the newly available nutrition information. Finally, the Agency attached an economic value to the public health changes by estimating the implied value of life associated with reductions in premature mortality.

Using recent estimates, deaths from breast cancer are estimated at 39,800, prostate cancer at 29,800 and colorectal cancer at 57,100 in 2003. Deaths from coronary heart disease are estimated at 515,204 for 2000. As a result, the estimated lives saved due to dietary changes from nutrition labeling are

revised from those shown in Table 21. The revised estimates are as follows: annual deaths from breast cancer are reduced by an estimated 5.5, deaths from prostate cancer by 7.2, deaths from colorectal cancer by 10.8, and deaths from coronary heart disease by 97.8.³⁶ The total annual lives saved due to dietary changes from nutrition labeling for all diseases is 121.7.

Effect of Nutrition Labeling on Consumer Attitudes About Beef

As reported by the National Cattlemen's Beef Association (2009) the U.S. meat industry trade organizations, namely the National Cattlemen's Beef Association (NCBA), the Food Marketing Institute (FMI) and the National Pork Board (NPB), conducted research to examine the benefits and challenges of implementing on-pack nutrition labeling for meat products. This research included qualitative and quantitative studies (via focus groups) to explore consumer needs, behavior and preference for nutrition labeling on fresh meat products.

Focus Group Key Learnings

Findings from the focus groups indicated that consumers desire more nutrition information, find both on-pack and POP materials useful but prefer on-

pack, and still want to see the product they are purchasing. Additional learnings indicate:

—Consumers want to see nutrition information for fresh meat and they want more information on specific nutritional content.

- Information on fat content, calories per serving, cholesterol and proteins are of greatest importance.

- Micronutrients (vitamins and minerals) are also of interest.

—Consumers are generally unaware of the micronutrients found in fresh meat products and they want to see all of the nutrient information a food provides (but aren't interested in what a food doesn't have such as 0 percent for Vitamin C).

—Consumers currently use on-pack labels most often to learn about the nutritional content of meat products because there is higher awareness for labels than for posters or take-home brochures.

Beef Checkoff-Funded Research

Given the beef industry's philosophy that nutrition information should be widely available to help people make informed purchase decisions, yet understanding the challenges many retailers face in providing the information in a simple and easy-to-understand format, NCBA embarked on a number of additional nutrition labeling research projects. The goal of

³⁶ These estimates are based upon the rates that were calculated for the PRIA.

this subsequent research was to further understand appropriate methods and vehicles for retailers to share the information with consumers.

Effect of Exemptions on Benefits Estimates

Under this rule should it become final, all very small establishments would be exempt from the requirement for nutrition labeling of ground or chopped products because they have 500 or fewer employees, are owned by companies with 500 or fewer employees, and likely produce 100,000 pounds or less annually of each ground product. Finally, retail firms that have 500 or fewer employees would be exempt from nutrition labeling requirements for ground or chopped products, provided they produce 100,000 or less annually of each ground product. This exemption for small businesses will reduce the benefits associated with the rule in proportion to the share of ground or chopped products affected by the rule that are sold at these establishments.

FSIS estimates that the number of packages of ground or chopped product sold or produced through exempt facilities is approximately 469 million packages (2.267 billion packages times 20.7 percent, the estimated share of packages sold at "exempt" establishments as shown using U.S. Census 2002 data in the Cost Analysis). At an average of 2.735 pounds per package, the average amount of ground or chopped product sold at these establishments is about 1.283 billion pounds (469 million packages \times 2.735 pounds per package). FSIS estimates that of the total of 6.201 billion pounds of ground or chopped meat and poultry products consumed annually, 4.918 billion pounds will be affected by the labeling requirements of the rule.

As discussed above, the rule would provide numerous exemptions from nutrition labeling requirements, in addition to the small business exemptions, for ground or chopped products sold through retail facilities. FSIS reduced costs and benefits to account for the small business exemption regarding the labeling of ground or chopped products. However, FSIS did not reduce the costs or benefits estimates to account for the other exemptions for ground or chopped product because the volume of ground or chopped product that would qualify for these other exemptions is very low.

Should it become final, the supplemental proposed rule would not provide a small business exemption from the nutrition labeling requirements for the major cuts. The rule provides

numerous other exemptions from nutrition labeling requirements for the major cuts. However, FSIS did not reduce the costs or benefits estimates to account for the exemptions for major cuts because the volume of major cuts that would qualify for these exemptions is very low.

FSIS estimates that the total amount of major and nonmajor cuts of single-ingredient, raw meat and poultry products is 19.6 billion pounds.³⁷ Of this amount, FSIS estimates that 16.745 billion pounds, or 85 percent are major cuts, would be subject to the label requirements of the rule as indicated above. The estimate of the total amount of single-ingredient, raw meat and poultry products that are not ground or chopped is based on recent research conducted by the Economic Research Service on beef and pork consumption and on information provided by the National Chicken Council and National Turkey Federation at their Web sites. The derivation of this estimate is shown in Appendix A, Tables 1-4.

Based on these estimates, 16.745 billion pounds of major cuts are affected by the supplemental proposed rule. From above, 4.918 billion pounds of ground or chopped product are affected by the rule, for a total of 21.663 billion pounds of meat and poultry products. This compares to a total of 63 billion pounds of red meat and poultry products consumed in the United States in 2003.³⁸ The exemption for small businesses affects 1.283 billion pounds of ground or chopped-product, or 5.92 percent of the total amount of meat and poultry products affected by the rule. Consequently, the total annual lives saved due to dietary changes from nutrition labeling for all diseases is reduced accordingly. For example, the maximum number of lives saved annually declines from 121.7 to 114.5 (121.7 \times (1.0-0.0592)).

Estimating the Benefits of Preventing Premature Death

The benefits of this supplemental proposed rule would be the lives saved due to the estimated reductions in mortality rates associated with coronary heart disease and selected cancers. The Agency believes that there are potential

³⁷ This amount includes nonmajor cuts of single-ingredient, raw meat and poultry that are not ground or chopped. The data available do not distinguish between major and nonmajor cuts.

³⁸ Source: Per capita consumption estimates are found at U.S. Department of Agriculture, World Agricultural Supply and Demand Estimates and Supporting Materials. Published in Livestock, Dairy, and Poultry Outlook, <http://www.ers.usda.gov/publications/ldp/>. Total consumption is based on a total U.S. population of 288.4 million.

benefits associated with the reductions in non-fatal cases of coronary heart disease. However, identifying and quantifying the risk reduction of premature death in an economic context is difficult. Similarly, it is also complex applying risk reductions of non-fatal cases of diseases within an economic context.³⁹ Given questions concerning data quality and unsettled methodological issues in estimating the benefits of a reduction in non-fatal cases of coronary heart disease, FSIS is restricting its analysis of benefits to reductions in premature death.

If food were marketed by risk levels (e.g., probabilities of inducing cancer or heart disease), and consumers treated advertised risk levels as they do other objectively measurable product characteristics (e.g., weight or volume), there would be little difficulty in valuing diet-related food safety risk factors. Product prices could be statistically associated with risk levels, yielding the risk-dollar trade-off consumers make. That is, one could measure, based on consumer purchases, the dollar value consumers attach to particular types of risk reduction. However, there is no "market" for reducing diet-related fatal risks and these values can not be measured.

There is no price that can be tabulated from commercial transactions that reflects the value of reducing diet-related fatal risks. Actions that individuals might take to reduce these risks do not leave a behavioral trail for analysts to follow. This informational void makes it difficult to evaluate programs that might reduce diet-related risks. In particular, there is no obvious dollar value to assign to the major benefit of such programs, namely lives saved and reductions in cases of non-fatal diseases.

Ultimately, FSIS wanted to monetize the benefits of diet-related fatal health risk reduction. The Agency's goal was to find a method of transferring market-based risk-dollar trade-off estimates to diet-related fatal cancer risks.

The most studied risk choices are those for on-the-job risks of accidental injury and death. Analysts have estimated the compensation required to induce workers to accept such risks. Many studies of labor market behavior have been carried out because the wide range of risk levels workers accept and the wide range of wages paid are amenable to statistical analysis. Available evidence suggests that workers' subjective assessments of risks they face are plausible (Viscusi, 1992).

³⁹ For an in-depth analysis of this issue, see Fred Kuchler and Elise Golan, 1999.

FSIS is using a range for the value of life of \$5.0 million to \$6.5 million with a mean of \$5.5 million. The preliminary regulatory impact analysis of the rule used a single value of \$5.0 million. The value of a statistical life is not the value an individual would pay to save his own life, but the aggregate value paid by many individuals to reduce a small risk of death each faces. To make this transfer, FSIS assumed that individuals make consistent risk choices, reducing health risks as much as their budgets allow. The Agency assumed individuals focus on the likelihood of health outcomes and the gravity of these outcomes.⁴⁰

Viscusi (1992) has summarized the empirical work estimating the value of risk of premature death. Several studies had estimated the risk-dollar trade-off in the labor market by dividing the wage premium for high-risk jobs by the risk of a fatal job injury. Drawing on the compiled results of these studies, he stated: "Although the estimates of the risk-dollar trade-off vary considerably depending on the population exposed to the risk, the nature of the risk, and similar factors, most of the reasonable estimates of the value of life are clustered in the \$3 to \$7 million range" (Ibid., p. 73). Thus, compensating wages indicate that, on average, industrial

workers value a statistical life at \$5 million (December 1990 dollars), the midpoint of the range. The Economic Research Service, USDA has used a value of \$5 million per life estimate (adjusted upwards for inflation to 2000 dollars) to measure the benefits of preventing premature death from foodborne diseases caused by microbial pathogens such as *E. coli* O157:H7, *Salmonella* spp., and *Listeria monocytogenes* (Crutchfield, et al., 2001a). This estimate has been used by other government agencies to evaluate the benefits of regulations designed to reduce the risk of premature death. For example, the Food and Drug Administration (66 FR 6137, January 19, 2001) and the Consumer Product Safety Commission (Miller, 1997) currently use Viscusi's mid-point value of \$5 million for each life saved (Kuchler and Golan, 1999, p.25). Finally, the Food and Drug Administration (68 FR 41434, July 11, 2003, and 69 FR 56824, September 22, 2004) use both \$5.0 million and \$6.5 million as the value of a statistical life. FSIS believes that the value for a statistical life used in the analysis is consistent with current practices, OMB guidance, and research.

It should be noted that the calculations used to estimate present value explicitly account for the time

factor associated with delayed health impacts of dietary change. Decreases in intake of saturated fat, fat, and cholesterol will reduce the incidence of heart disease and cancer, but not immediately—the reductions in illness and death will begin to occur years into the future. To address the uncertainty associated with the reduced incidence of heart disease and cancer, FSIS identified three plausible scenarios that are intended to encompass the actual impact. The scenarios are shown in Table 22. The first scenario assumes that there would not be any reduction in mortality in the first time period covering the first two years after the effective date of the rule. During the second time period covering the third through the seventh years following the effective date, 25 percent of the potential reduction in human health risk is achieved—28.6 lives saved annually as a result of dietary changes. In period 4, covering the last eight years of the period of analysis, the full reduction in human health risk is achieved—114.5 lives saved annually as a result of dietary changes. In scenarios 2 and 3, the benefits of the rule are assumed to occur progressively later in the period of analysis.

TABLE 22—HUMAN HEALTH IMPACT FOR ALTERNATIVE SCENARIOS—ANNUAL PERCENTAGE REDUCTIONS IN MORTALITY AND LIVES SAVED

Percent of Total Reduction	Period 1	Period 2	Period 3	Period 4
	0	25	50	100
Scenario 1				
Years in period following effective date	1-2	3-7	8-12	13-20
Lives saved annually	0	28.6	57.3	114.5
Scenario 2				
Years in period following effective date	1-5	6-10	11-15	16-20
Lives saved annually	0	28.6	57.3	114.5
Scenario 3				
Years in period following effective date	1-8	9-13	14-18	19-20
Lives saved annually	0	28.6	57.3	114.5

To arrive at an estimate of the benefits associated with reductions in mortality due to changes in fat and cholesterol intake, FSIS multiplied the dollar values assigned to each premature death (\$5.0, \$5.5, and \$6.5 million) prevented by the number of lives saved annually in the three scenarios due to changes in diet

quality. The present values of the benefits associated with the reductions in mortality associated with the scenarios identified in Table 22 are shown in Table 23. The net present value of the human health benefits of reduced mortality for all diseases over 20 years is estimated to be a maximum

of \$5.9 billion under Scenario 1 using a discount rate of 3 percent and \$6.5 million for each premature death avoided. The lowest present value of human health benefits occurs under Scenario 3 using a discount rate of 7 percent and \$5.0 million for each premature death avoided and is

⁴⁰ FSIS revised the method employed in the preliminary regulatory impact analysis of the rule to estimate human health benefits based on guidance to all Federal agencies concerning the

estimation of human health benefits. The revised method uses a single value for each premature death prevented, regardless of age. The revised method results in significantly higher human health

benefits resulting from the nutrition labeling requirements of the rule.

estimated to be \$1.1 billion. These benefits would be distributed among the diseases evaluated in the same share that they represent of total lives saved due to dietary changes from nutrition labeling as shown above.

Based on the information shown in Table 22, FSIS constructed a composite scenario for all diseases by first computing the average number of lives saved annually from the three scenarios. The derivation of lives saved for the composite scenario is shown in Appendix A, Table 5. The annual average for lives saved over the 20 year period under the composite scenario was 50.1. This compares with annual averages of 67.3, 50.1, and 32.9 lives

saved under scenarios 1, 2, and 3, respectively (Appendix A, Table 5). To estimate an average human health benefit over the three scenarios, the annual average number of lives saved under the composite scenario is multiplied by each of the three values for a statistical life year. The average is then computed for each year to derive the annual values of lives saved under the composite scenario as is shown in Appendix A, Table 6. Each value was weighted equally. The results of the analysis of the composite scenario show a net present value for lives saved of \$3.694 billion using a 3 percent discount rate, and \$2.177 billion using a 7 percent discount rate. The

corresponding annualized human health benefits from the reduction in all diseases are \$248.3 and \$205.5 million, respectively. The benefits estimates presented here assume POP nutrition information to be equally successful as nutrition labels in leading to dietary change and consequent reductions in the three cancers studied and coronary heart disease. However, this assumption is not realistic. The analysis of alternatives section below provides a range of benefits estimates using different assumptions about the relative effectiveness of the POP nutrition. These annualized values will be used in the cost-effectiveness analysis.

TABLE 23—PRESENT VALUE OF HUMAN HEALTH IMPACTS FOR ALTERNATIVE SCENARIOS OVER 20 YEARS, 3 PERCENT AND 7 PERCENT DISCOUNT RATES

Scenario/ value of a statistical life	Present value 3%	Present value 7%	Average annual benefit 3%	Average annual benefit 7%
\$ Million				
Scenario 1				
5.0	4,502.4	2,776.4	302.6	260.7
5.5	4,952.7	3,037.5	332.9	286.7
6.5	5,853.2	3,589.8	393.4	338.8
Scenario 2				
5.0	3,223.8	1,865.8	216.7	176.1
5.5	3,546.1	2,052.4	238.4	193.7
6.5	4,190.9	2,425.6	281.7	229.0
Scenario 3				
5.0	2,053.6	1,134.8	138.0	107.1
5.5	2,258.9	1,248.3	151.8	117.8
6.5	2,669.7	1,475.3	179.4	139.3
Composite	3,694.4	2,176.7	248.3	205.5

Effects of Current Compliance Levels

As has been discussed in the Cost Analysis, the level of participation in the voluntary nutrition labeling program is 54.8 percent of stores for major cuts (USDA, 1999). In addition, an estimated 68 percent of ground or chopped products bear nutrition labels (NCBA, 2004). The analysis of benefits presented above assumes no prior compliance. Were these levels of compliance incorporated into the amount of meat and poultry product affected by the supplemental proposed rule, the amount of product affected would decline from 21.6 billion pounds to 9.1 billion pounds⁴¹ (21.6 billion pounds minus 16.7 billion pounds of major cuts \times (1.0-0.548) and 4.9 billion

⁴¹ The estimates amounts of major cuts and ground or chopped products are shown in Table 24.

pounds ground or chopped product \times (1.0-0.68). Since the benefits analysis treats the consumption of types of meat and poultry products the same in terms of their impacts on human health, the benefits would be reduced accordingly. Instead of achieving a maximum number of lives saved of 114.5 annually, which is the starting value for the benefits analysis, the rule would save at most 42.1 lives annually. Under the composite scenario, modified accordingly, the annual number of lives saved would be 18.4. The present values of the benefits are \$1.358 and \$.800 billion using 3 and 7 percent discount rates, respectively. The corresponding annual benefits are \$91.3 million and \$75.5 million. The estimated benefits under this scenario can be compared with those in Table 23 above.

3. Minimum Effectiveness of Measures Required by the Supplemental Proposed Rule for Benefits To Exceed Costs

In the cost analysis of the proposed and supplemental proposed rules, FSIS assumes that retailers will display POP nutrition information for the major cuts rather than apply nutrition labels to these products because this is a lower-cost means of providing nutrition information for multiple products. The benefits analysis does not provide separate estimates of the benefits of nutrition labels and POP information as it was not possible to distinguish between the behavioral response and change in dietary intake associated with these two means of conveying nutrition information to the consumer.

The Agency assumes that when labels and other sources of nutrition information are provided for raw meat

and poultry products that nutrition information usage rates will rise to match label usage rates for food products as a whole, and that dietary patterns will change in a manner consistent with current data. Labeling, as used in the surveys matching its usage and dietary changes, has generally been interpreted to mean on-package labels rather than POP labeling. Consequently, the discussion of the benefits of the rule has implicitly focused on on-package labels.

In the analysis below, we first estimate the reduction in risk associated with POP nutrition information sufficient to equate its benefits and costs. Then we estimate remaining benefits of the rule that must be attributed to on-package nutrition labels for benefits to exceed costs.

The estimated cost of providing POP nutrition information is \$5.67 million

starting the year of the effective date and every other year thereafter. The net present values using a discount rate of 3 and 7 percent for the 20-year period of analysis are discounted costs of \$42.82 and \$31.07 million, respectively. The annualized values for these net present values are \$2.88 and \$2.93 million, respectively (Table 25). The net present values for the 20-year costs of on-package nutrition labels for ground and chopped products are \$429.41 million and \$316.99 million, using 3 and 7 percent discount rates, respectively. The annualized cost associated with net present values using 3 and 7 percent discount rates are \$28.86 and \$29.92 million, respectively.⁴² Under the composite scenario discussed in the benefits analysis, there is an average of 50.1 lives saved annually as a result of the

nutrition labeling requirements of the rule.

The average reduction in risk for the benefits of POP nutrition information for major cuts of single ingredient, raw products to equal their cost is 0.53 lives saved annually $((2.88+2.93)/2)/5.5$ assuming a value of life of \$5.5 million (Table 25). The reduction in risk for the benefits of on-package nutrition labels for ground or chopped products to equal their cost is about ten times greater (5.34 lives saved annually).

The estimated total reduction in risk in order for the benefits of these combined measures to exceed costs is 5.87 lives saved annually or about one-ninth (5.87/50.1) of the estimated 50.1 lives saved annually under the composite scenario, using a value of life saved of \$5.5 million.

TABLE 25—BREAK-EVEN ANALYSIS OF THE SUPPLEMENTAL PROPOSED RULE MEASURES

Measure	Annualized average costs (\$million)		Number of lives saved annually for benefits to equal costs		
	Discount rate		Value of life (\$million)		
	3%	7%	5.0	5.5	6.5
POP nutrition information for major cuts of single ingredient, raw products	2.88	2.93	.58	.53	.45
On-package nutrition labels for ground or chopped products ¹	28.86	29.92	5.88	5.34	4.52
Total	31.74	32.85	6.46	5.87	5.97

¹ The costs of on-package labels include all costs that are not directly attributable to providing POP nutrition information as identified in Table 13.

E. Analysis of Alternatives

The previous discussion of regulatory alternatives provided a description of the regulatory alternative considered and information on the likely costs of the alternatives. The analysis that follows provides a quantification of the potential effectiveness of the alternatives as well as a comparison of cost-effectiveness and potential net benefits.

The regulatory alternatives considered by the Agency employ one or both of the following measures: POP nutrition information and on-package nutrition labels. The combination of measures and the products subject to these measures differ among the regulatory alternatives considered. In the supplemental proposed rule (Alternative 3), on-package nutrition labels are required for ground or chopped meat and poultry products (unless an exemption applies), and on-package nutrition labels or POP nutrition information are required for

the major cuts of single ingredient, raw meat and poultry products (unless an exemption applies). It is assumed for the purpose of estimating compliance costs that, given the option, retail establishments will provide POP information in the form of placards to convey nutrition information for major cuts of single ingredient, raw meat and poultry products. Alternative 2 stipulates POP nutrition information for ground or chopped product and for major and nonmajor cuts of single ingredient, raw products. It is assumed for purposes of estimating the cost of this alternative that retail establishments will use a reference manual to convey nutrition information for the products covered. Retailers may employ other methods, however. Alternative 4 requires on-package nutrition labels for ground or chopped products and major cuts. Alternative 5 stipulates on-package nutrition labels for ground or chopped product, and

both major and nonmajor cuts of single ingredient raw products.

Relative Effectiveness in Providing the Necessary Material Facts

The Agency considered several factors in selecting Alternative 3. The factors reflect the significant differences in the two principal categories of meat and poultry products—ground or chopped products and major and nonmajor cuts, consumer preferences, and the effectiveness with which information about these two categories of products is presented in retail establishments.

Differences in product characteristics, consumer preferences, and demand for nutrition information affect the value of nutrition information for the two general categories of products. The justification for the government action in requiring nutrition information differs for the two categories of products, as has been argued in the need for the rule. Different approaches to labeling may be warranted and what might be an effective approach for

⁴² Annualized benefits are defined as the average annual amounts, when discounted, will provide a

present value benefits equal to that shown for the selected scenario. It is a means for providing a

single annual amount for a scenario showing significant differences on a year-to-year basis.

providing nutrition information for one category may be unsuitable for the other. FSIS finds that this is the case, based on the full range of evidence available.

Ground or chopped product are formulated to achieve a specific fat content and thus are similar to multi-ingredient and heat processed products, which receive on-package nutrition labels. The nutritional characteristics of these products can vary significantly. For example, the percentage of total fat in ground beef may range from 3 to 30 percent. Consequently, consumers have a significant number of choices concerning type of product and nutritional characteristics. Nutrition information enables consumers to match product choices with nutritional preferences.

While the processor formulating the ground or chopped product has knowledge of the nutritional characteristics of each product formulation, such information is not readily available to the consumer. Significant differences in total fat content of ground and chopped products may be difficult for the consumer to distinguish. Consequently, there is little incentive for processors to provide information on ground or chopped products with higher fat content. Yet, consumers' information needs are significant, given the differences in consumer preferences for high fat and low fat products. Under these conditions, readily accessible nutrition information would be highly valued by consumers. FSIS has concluded that clear and concise information should be available to consumers of ground or chopped product in the form of an on-package label. It would be confusing to

consumers if nutrition information were provided by POP placards for all potential formulations of these products. Faced with a large array of signage, the potential value of nutrition information could be exceeded by the transactions cost for many consumers seeking such information.

Because there are numerous formulations of ground or chopped product, it would be difficult for producers or retailers to develop POP materials that would address all the different formulations that exist for these products. Furthermore, it would be difficult for consumers to find the correct information for a specific ground or chopped product on POP materials that include information concerning numerous formulations of these products (66 FR 4977, January 18, 2001). If a statement of the fat percentage and lean percentage were not included on a package of ground product, consumers would not know which nutrient data concerning ground product on POP materials would apply to that particular ground product. Thus, FSIS on-package nutrition labels would likely enable consumers to make product comparisons far more efficiently because consumers would have more relevant information directly attached to the products to inform their choices.

Major cuts are generally considered by consumers to be largely undifferentiated products in terms of nutrient content (Van Ravenswaay). The nutritional characteristics of one beef chuck blade roast are perceived to be much the same as another. The differences in nutritional characteristics for a particular major cut (e.g., chicken breasts) vary much less than the nutritional characteristics for a type of ground or chopped product (USDA,

2005). This is an important factor to consider as consumer preferences are more likely to differ on the basis of the type of major cut (e.g., chicken breasts versus pork loin chops).

Based on the similarity of nutritional attributes of any specific major cut and the type of information desired by consumers, FSIS has concluded that it would be acceptable for retail establishments to provide nutrition information via POP placards for major cuts. They are an efficient means of providing such information given the relatively small number of products sold at retail establishments, their relatively large share of total meat and poultry consumption, and consumer information needs.

In developing the regulatory alternatives, the Agency concluded that, given the option, retail establishments would most likely not choose to provide nutrition information for nonmajor cuts via POP placards. There are potentially a large number of such products (350 products for meat alone according to the National Live Stock Meat Board). Using POP placards to convey nutritional information on these products could result in excessive signage at retail establishments. Excessive signage would not only be a concern for the retail establishment, but also would not convey information in a manner that would promote its usage by consumers. Retail establishments would be more likely to opt for providing nutrition information for nonmajor cuts in a reference manual. The following table summarizes factors considered by the Agency in its selection of Alternative 3 as the most effective in providing the material information to consumers.

TABLE 24—COMPARISONS OF METHODS FOR CONVEYING NUTRITION INFORMATION AND MEAT AND POULTRY PRODUCT CATEGORIES

Method	Product category	
	Ground or chopped	Single-ingredient, raw
POP Nutrition Information.	<ul style="list-style-type: none"> Information asymmetry is greater than the information asymmetry in POP nutrition information for major cuts and nonmajor cuts that are not ground or chopped. Consumer preferences differ on the basis of fat content. Nutrition information on formulated products (ground or chopped products) is less accessible on POP materials than it would be on product labels. Given the number of product formulations, it would be confusing to consumers to use POP nutrition information. 	<ul style="list-style-type: none"> Nutrient content of a given major cut is relatively uniform across the market, and these products are not formulated in the manner of ground or chopped products. Consumer preferences differ on the basis of types of products in the category. Placards. Efficient means of presenting nutrition information for major cuts—relatively small number of products comprising large share of meat and poultry consumption. Ineffective means of information delivery for nonmajor cuts that are not ground or chopped: potentially large number of products resulting in excessive signage. Nonmajor cuts account for small share of consumption. Reference Manual.

TABLE 24—COMPARISONS OF METHODS FOR CONVEYING NUTRITION INFORMATION AND MEAT AND POULTRY PRODUCT CATEGORIES—Continued

Method	Product category	
	Ground or chopped	Single-ingredient, raw
On-Package Labels	<ul style="list-style-type: none"> Information asymmetry is greatest for product category. Consumer preferences differ on the basis of fat content. Information is clear and concise. Highly-valued information for consumers because consumer preferences differ most for these types of products on the basis of nutritional content. Consumer search costs are minimized. 	<ul style="list-style-type: none"> Reference manual is low-cost means of information delivery. However, high search costs may greatly reduce effectiveness. Number of nonmajor products is large and amounts comprise about 15% of meat and poultry consumption. Uniform reference manuals not likely given regional differences in names of similar nonmajor products. Nutrient content of a given major cut is relatively uniform across the market, and these products are not formulated in the manner of ground or chopped products. Consumer preferences differ on the basis of types of products in the category. <p>Major cuts.</p> <ul style="list-style-type: none"> Consumers have reasonable expectations as to the nutrient content of these products. <p>Nonmajor cuts.</p> <ul style="list-style-type: none"> Consumers have limited access to nutrition information for nonmajor cuts.

A major source of uncertainty in this analysis is the success of POP nutrition information relative to on-package nutrition labels. Research studies on effectiveness of POP information virtually ended with passage of the NLEA. So, most POP research is now quite dated. Thus, the research available does not allow FSIS to make a precise comparison of the relative success of on-package nutrition labels versus POP nutrition information. However, POP nutrition information may be a convenient and effective means for consumers to confirm or gain new information on the nutritional content of the major or nonmajor cuts of single ingredient, raw products. Given these uncertainties, in the analysis that follows, FSIS assumes that POP nutrition information is 50 percent, 10 percent and 5 percent as successful as on-package nutrition labels in causing dietary change to illustrate the impacts of those assumptions on the relative cost-effectiveness as well as net benefits of the alternatives.

Analysis of Cost Effectiveness

A cost-effectiveness analysis (CEA) provides a means to identify alternatives that achieve the most effective use of resources available without requiring the monetization of all benefits or costs by comparing regulatory alternatives with respect to their ability to achieve a specified outcome (e.g., units of human or environmental health). Regulatory alternatives employing the same measures are ordered on the basis of the increased frequency, scope, lethality, or some other criterion. Ideally, a CEA results in comparison of

the incremental cost per unit of outcome for each regulatory alternative when the alternatives are ordered on the basis of an increasing level of the specified criterion.

FSIS agrees that cost effectiveness ratios for regulatory options should be calculated incrementally, that is, in terms of the additional cost incurred by the next most stringent option to produce an additional life saved. However, the data available for the analysis and the nature of the regulatory alternatives poses some challenges to conducting a meaningful incremental CEA. First, the regulatory alternatives stipulate the use of one or two measures that may be employed for providing nutrition information for two or three categories of products—ground or chopped product and single-ingredient raw products (major and nonmajor cuts)—of meat and poultry. The two measures are POP nutrition information materials and on-package nutrition labels. Second, the effectiveness of POP nutrition information relative to on-package nutrition labels is uncertain. The greater amount of time required by the consumer to find the relevant nutrition information on POP materials relative to finding such information on the packaging of the products suggests that POP nutrition information may be less successful for some types of products in leading to healthier dietary choices. Given the assumptions we make in order to model the regulatory provisions given the uncertain effectiveness, the result is an incremental cost-effectiveness analysis which shows that multiple alternatives are weakly dominated under all

scenarios. Consequently, the analysis that follows provides a comparison of average cost-effectiveness and net-benefits of the regulatory alternatives for each alternative, for different levels of assumed relative effectiveness of POP information.

Average Cost-Effectiveness of Regulatory Alternatives

Cost-effectiveness analysis results based on averages can be misleading in that the regulatory alternative exhibiting the lowest cost-effectiveness ratio may not be the best option. Low ratios are not always an accurate indicator of high net social benefits, the desired economic objective. The following provides information on the average cost effectiveness of the regulatory alternatives and their net benefits.

In order to analyze both the average cost effectiveness of the regulatory alternatives and incremental cost effectiveness of the measures employed by the regulatory alternatives, the share of the reduction in risk associated with the POP nutrition information for ground and chopped products and both major and nonmajor cuts are estimated. Estimates of the number of products subject to on-package nutrition labeling are also provided. The costs corresponding to the risk reduction measures are also estimated. Table 26 provides the information that was used to allocate the annualized costs and reductions in risk.

The reductions in risk associated with the regulatory alternatives reflect the differences in the pounds of product affected. Alternatives 2 and 5 affect ground and chopped products and the

major and nonmajor cuts, a total of 24.5 billion pounds (Table 26). Alternative 3 (the supplemental proposed rule) requires on-package nutrition labels for ground or chopped products and either on-package nutrition labels or POP nutrition information for the major cuts, a total of 21.6 billion pounds. Alternative 4 affects the same amount of product as Alternative 3. The differences in pounds of products affected among the regulatory alternatives are reflected in the annual number of lives saved. The potential

number of lives saved annually for Alternatives 2 and 5 are increased proportionately by 13 percent (24.5/21.6 = 1.1343) to reflect the difference in pounds of product affected. Therefore, the maximum number of lives saved annually for Alternatives 3 and 4 is 50.1. The corresponding value for Alternative 2 and 5 is 56.8 lives saved annually (50.1 x 1.1343).

The total cost of Alternative 2, which is exclusively the cost of the POP nutrition information manual, is allocated among ground and chopped

product, and major and nonmajor cuts on the basis of the share of products in these categories (CFR §§ 317.344 and 381.444, National Livestock Meat Board, 1995). The costs associated with labeling measures for the product categories (on-package nutrition labels for ground and chopped and major cuts, and on-package labels for these products plus nonmajor cuts for Alternatives 4 and 5, respectively) are allocated on the basis of the relative shares of these products at retail establishments.

TABLE 26—MEAT AND POULTRY PRODUCT INFORMATION

Meat and poultry product volumes affected by regulatory alternatives		Billion pounds	Percent shares for Alternatives 2 & 5	Percent shares for Alternatives 3 & 4
Major and nonmajor cuts		19.6	80.0	77.3
Major cuts		16.7	68.2	77.3
Nonmajor cuts		2.9	11.8	
Ground or chopped		4.9	20.0	22.7
All meat and poultry		24.5	100.0	100.0

Products in POP nutrition information manual		Number of products	Percent share for Alternative 2
Ground or chopped		13	3.0
Major cuts		45	11.0
Nonmajor cuts ¹		350	86.0
Total		403	100.0

Products at retail establishments with on-package nutrition labels	Number of products	Percent share Alternative 5	Percent share	
			Alt. 3	Alt. 4
Ground or chopped	12.50	22.0	100.0	28.3
Major cuts	31.74	56.0		71.7
Nonmajor cuts	12.42	22.0		
Total	56.66	100.0	100.0	100.0

¹ A comprehensive listing of nonmajor cuts was provided in the *Uniform Retail Meat Identity Standards* published by the National Livestock and Meat Board. Nonmajor cuts of poultry, of which there are few, are not included. Amenable kinds of poultry are not accounted for. Most ducks, geese, squab are sold as carcasses and there is only a very small market for ostrich cuts/parts; and rhea and emu are used for byproducts mostly.

The present value and corresponding annualized costs for the regulatory alternatives and their measures are shown in Table 27. There are no costs associated with Alternative 1 as it represents the status quo. As is reflected in their costs, the alternatives become

increasingly costly due to the increasing share and number of products that receive on-package nutrition labels, which are significantly more costly than POP nutrition information. The present value cost of the alternatives range from a low of \$87.74 million for Alternative

2 to \$956.48 million for Alternative 5. The present value of the compliance costs of the alternative selected by the Agency is \$348.06 million. The table also shows the compliance costs, both present value and annualized, on the basis of the major product categories.

TABLE 27—AVERAGE COSTS OF REGULATORY ALTERNATIVES

Alternative	Present value		Annualized values	
	3%	7%	3%	7%
\$ million				
Alternative 2. POP manuals for all products:				
Total	123.19	87.74	8.28	8.28
Ground & chopped	3.93	2.80	.26	.26
Major cuts	13.59	9.68	.91	.91
Nonmajor cuts	105.68	75.27	7.1	7.1
Alternative 3. On-package labels for ground and chopped, POP placards for major cuts:				

TABLE 27—AVERAGE COSTS OF REGULATORY ALTERNATIVES—Continued

Alternative	Present value		Annualized values	
	3%	7%	3%	7%
\$ million				
Total	472.23	348.06	31.74	32.85
Ground & chopped	429.41	316.98	28.86	29.92
Major cuts	42.82	31.07	2.88	2.93
Alternative 4. On-package labels for ground and chopped products and major cuts:				
Total	1,103.90	812.99	74.20	76.75
Ground & chopped	429.41	316.98	28.86	29.92
Major cuts	674.49	496.00	45.34	46.82
Alternative 5. On-package labels for all products:				
Total	1,298.74	956.54	87.30	90.28
Ground & chopped	429.41	316.99	28.86	29.92
Major cuts	674.49	496.00	45.34	46.82
Nonmajor cuts	194.84	143.49	13.10	13.54

Note: These compliance costs do not take into account the level of voluntary compliance with the labeling required under each alternative. Consequently, the estimated compliance costs are overstated.

The lives saved associated with the nutrition labeling measures for ground or chopped products, and major and nonmajor cuts are based on the amount of product affected by the measures for each of the regulatory alternatives. For example, 16.7 billion pounds of major cuts are affected by POP nutrition information placards under Alternative 3 (Table 26). On-package nutrition labels are required for the 4.9 billion pounds of ground and chopped meat and poultry products affected by Alternative 3. The average annual 30.74 (19.37 + 11.37) lives saved as a result of this alternative, assuming POP nutrition information is 50 percent as successful as on-package nutrition labels in causing dietary change, is obtained as follows. The average annual lives saved as a result POP nutrition information for major cuts is 19.4 lives as shown in

Table 28 (16.7/21.6 = 0.77; (0.77 × 50.1) × .5⁴³ = 19.4). On-package nutrition labels for ground or chopped products account for the remaining 11.4 lives saved annually (4.9/21.6 = .227; .227 × 50.1 = 11.4).

Table 28 shows the cost-effectiveness of the regulatory alternatives when POP nutrition information is assumed to be half as successful as on-package nutrition labels in bringing about healthier diets and reducing coronary heart disease and cancer. This success rate is considered to be an upper bound. The cost per life saved for Alternative 3 is \$1.069 million, when using the composite annual average and annualized costs based on a 7 percent discount rate. The cost per life saved for on-package nutrition labels for ground or chopped products under this alternative is \$2.63 million (\$29.92 million from Table 27/11.37 lives saved

annually, column 1 of Table 28) and \$151,000 for POP nutrition information placards under this alternative (\$2.93 million from Table 27/19.37 lives saved annually).

As would be expected under this scenario, Alternative 4 and 5 are less cost effective than the supplemental proposed rule measures because they rely entirely on the relatively more costly measures of on-package nutrition labels. Alternative 2 has a lower cost-effectiveness ratio in this scenario because of the assumed high rate of success for POP nutrition information and because it relies entirely on a low-cost POP reference manual.⁴⁴ Using an average VSL of \$5.5 million, all alternatives show large average annual benefits relative to annual costs with Alternative 5 yielding the highest net benefits.

TABLE 28—AVERAGE COST-EFFECTIVENESS AND NET BENEFITS OF POTENTIAL LIVES SAVED—POP NUTRITION INFORMATION 50 PERCENT AS SUCCESSFUL AS ON-PACKAGE NUTRITION LABEL INFORMATION

Alternatives	Potential lives saved	Cost/life saved 7%	Value of lives saved	Net benefit 7%
\$ million				
Alternative 2. POP manuals for all products:				
Total	28.4	.291	156.3	150.0
Ground/chopped	5.7	.046	31.3	31.0
Major cuts	19.4	.047	106.5	105.6
Nonmajor cuts	3.4	2.112	18.5	11.4
Alternative 3. On-package labels for ground and chopped, POP placards for major cuts:				
Total	30.7	1.069	169.0	136.2
Ground/chopped	11.4	2.633	62.5	32.6
Major cuts	19.4	.151	106.5	103.6

⁴³ This value reflects the relative success of POP nutrition information relative to on-package labels. This value will change according to the scenario being discussed.

⁴⁴ The analysis assumes that the manual containing the nutrition information as specified for Alternative 2 and the POP nutrition information placards specified in Alternative 3 have the same impact on consumer dietary patterns. The use of a

nutrition information reference manual is assumed to be the manner by which retail establishments would convey nutrition information under Alternative 2.

TABLE 28—AVERAGE COST-EFFECTIVENESS AND NET BENEFITS OF POTENTIAL LIVES SAVED—POP NUTRITION INFORMATION 50 PERCENT AS SUCCESSFUL AS ON-PACKAGE NUTRITION LABEL INFORMATION—Continued

Alternatives	Potential lives saved	Cost/life saved 7%	Value of lives saved	Net benefit 7%
Alternative 4. On-package labels for ground and chopped products and major cuts:				
Total	50.1	1.532	275.6	198.8
Ground/chopped	11.4	2.633	62.5	32.6
Major cuts	38.7	1.209	213.4	166.2
Alternative 5. On-package labels for all products:				
Total	56.8	1.589	312.6	222.3
Ground/chopped	11.4	2.633	62.5	32.6
Major cuts	27.8	1.628	153.1	106.3
Nonmajor cuts	10.9	1.202	59.9	46.4

Note: These estimates do not take into account the level of voluntary compliance with the labeling required under each alternative. Consequently, the estimated compliance costs as well as potential lives saved are overstated.

Tables 29 and 30 show the impact on the cost effectiveness of Alternatives 2 and 3, and their respective measures, when POP nutrition information is 10 and 5 percent as successful, respectively, as on-package nutrition labels in leading to dietary changes. The cost effectiveness of Alternatives 4 and 5 are not affected as they do not employ POP nutrition information. Consequently, their effectiveness ratios and net benefits are unchanged from Table 28.

The results show that as the success of POP nutrition information declines

relative to on-package nutrition labels, the cost-effectiveness measures for Alternative 2 decline more rapidly than those for Alternative 3, given the second alternative's entire reliance on POP nutrition information. When POP nutrition information is 10 percent as successful as on-package nutrition information labels (Table 29), the average cost-effectiveness for Alternatives 2 through 5 are approximately the same (between \$1.5 to \$2.2 million per life saved). While the average cost-effectiveness ratios of the regulatory alternatives are

approximately the same, the annual net benefits of the alternatives differ significantly. This measure ranges from \$23 million for Alternative 2 to 10 times that amount for Alternative 5 (Table 26). It should be noted that the cost per life saved associated with POP nutrition information for nonmajor cuts of single ingredient, raw meat and poultry products under Alternative 2 exceeds the value of a life saved and, consequently, the annual benefits associated with the measure are less than the annual costs.

TABLE 29—AVERAGE COST-EFFECTIVENESS AND NET BENEFITS OF POTENTIAL LIVES SAVED —POP NUTRITION INFORMATION 10 PERCENT AS SUCCESSFUL AS ON-PACKAGE NUTRITION LABEL INFORMATION

Alternatives	Potential lives saved	Cost/life saved 7%	Value of lives saved	Net benefit 7%
\$ Million				
Alternative 2. POP manuals for all products:				
Total	5.7	1.457	31.3	23.0
Ground/chopped	1.1	.232	6.3	6.0
Major cuts	3.9	.236	21.3	20.4
Nonmajor cuts	0.7	10.562	3.7	-3.4
Alternative 3. On-package labels for ground and chopped, POP placards for major cuts:				
Total	15.2	2.156	83.8	51.0
Ground/chopped	11.4	2.633	62.5	32.6
Major cuts	3.9	.757	21.3	18.4

Note: These estimates do not take into account the level of voluntary compliance with the labeling required under each alternative. Consequently, the estimated compliance costs as well as potential lives saved are overstated.

When POP nutrition information is 5 percent as successful as on-package nutrition information labels (Table 30), the average cost-effectiveness ratio for Alternative 2 is higher than those for the other alternatives and 15 percent higher than that for Alternative 3. The annual net benefit of POP nutrition information for ground or chopped product under Alternative 2 is declining to marginal levels. The annual net benefit for

Alternative 3 is nearly \$40.3 million, about 5 times that for Alternative 2.

Due to the differences in search costs for consumers using a POP reference manual versus a POP placard, Alternative 2 is expected to be less successful than Alternative 3 in changing dietary patterns. If POP manuals were 5 percent as successful as on-package labels and placards were 10 percent as effective as on-package labels, a plausible scenario, the cost per

life saved for Alternative 3 would be about 75 percent (2.156/2.915) of that for Alternative 2. The number of lives saved annually under Alternative 3 would be about 5 times (15.2/2.8) that found under Alternative 2. The uncertainty associated with the success of a POP reference manual (Alternative 2) is an important factor supporting the effectiveness of Alternative 3 and the Agency's decision to select this alternative relative to Alternative 2.

TABLE 30—AVERAGE COST-EFFECTIVENESS AND NET BENEFITS OF POTENTIAL LIVES SAVED—POP NUTRITION INFORMATION 5 PERCENT AS SUCCESSFUL AS ON-PACKAGE NUTRITION LABEL INFORMATION

Alternatives	Potential lives saved	Cost/life saved	Value of lives saved	Net benefit
			\$ million	
Alternative 2. POP manuals for all products:				
Total	2.8	2.915	15.63	7.4
Ground/chopped	0.6	.464	3.13	2.9
Major cuts	1.9	.472	10.70	9.7
Nonmajor cuts	0.3	21.125	1.85	-5.3
Alternative 3. On-package labels for ground and chopped, POP placards for major cuts:				
Total	13.3	2.470	73.16	40.3
Ground/chopped	11.4	2.633	62.51	32.59
Major cuts	1.9	1.514	10.65	7.72

Note: These estimates do not take into account the level of voluntary compliance with the labeling required under each alternative. Consequently, the estimated compliance costs as well as potential lives saved are overstated.

Summary of Analysis of Alternatives

The analysis shows that the POP information does not need to be highly successful for its benefits to exceed its costs, even at low levels of success relative to on-package nutrition labels.

FSIS finds that the measures required in the supplemental proposed rule are generally more effective than the other alternatives when all the qualitative and quantitative evidence is considered. As has been discussed above in this section, FSIS finds that on-package nutrition labels for ground or chopped product are more effective than POP nutrition information in informing consumers about the nutritional characteristics of these products, given the nature of the product, its presentation in the retail environment, and consumer behavior. FSIS also finds that POP nutrition placards are an effective means for informing consumers about the nutritional characteristics of major cuts of single ingredient, raw products for these same reasons.

F. Summary of Costs and Benefits of the Final Nutrition Labeling Rule

FSIS estimates that for the supplemental proposed rule, the discounted average present value of benefits over a 20-year period using a 7 percent discount rate will be \$2.2 billion and using a 3 percent discount rate will be \$3.7 billion, using a composite of three scenarios for the effectiveness of nutrition labels and three values for reducing a premature

death. The corresponding average annual benefits are \$205.5 million and \$248.3 million (See summary Table 30b).

The discounted average present value costs, over a 20-year period, are estimated to be \$348.06 million using a 7 percent discount rate and \$472.23 million using a 3 percent discount rate. The corresponding annualized average costs are \$32.8 and \$31.7 million (See summary table 30b and Appendix D, Tables 1 and 2).

After taking into account the current assumed levels of compliance with the supplemental proposed rule measures, the average present value costs of the rule decline to \$115.45 million and \$156.72 million when using a 7 percent and 3 percent discount rate, respectively. The corresponding annualized average costs are \$10.9 and \$10.5 million. The average present values of the benefits are \$0.800 billion and \$1.358 billion using 7 and 3 percent discount rates, respectively. The corresponding average annual benefits are \$75.5 million and \$91.3 million. Table 30c provides a summary of these annualized costs and benefits. These estimates suggest that under plausible assumptions, the impact of this rule in any given year may be less than \$100 million. However, given the uncertainties in the analysis, this action is deemed "economically significant".

Not included in the quantitative analysis were other likely benefits to providing nutrition labeling: increased profits received by food retailers and

manufacturers, and consumers buy products with the attributes they want. FSIS believes that the labeling provisions help consumers make better food choices and provide incentives to producers to continue producing nutritionally-improved products that contribute substantially to the health benefits associated with nutrition labeling. If diet quality associations found with all other labeled foods do not hold up for nutrition labels on meat, then health benefits in the FSIS report are overestimated. Of course, health benefits are only one way in which benefits might be realized. Consumers might choose to use nutritional information to enhance enjoyment of food, and not to raise their health status. Further, they may be better off than if they had raised their health status since rational consumers will use information to their best advantage. If we observe rational, well-informed consumers selecting a more enjoyable diet, for these consumers a more enjoyable diet was worth more than better health. Thus, when we restrict benefits estimates to allow only for information to be used to advance health status, we are simultaneously restricting estimated benefits to a lower level of value to consumers. The FSIS analysis imposes that restriction and the resulting benefits estimate must therefore be interpreted as an underestimate of overall benefits. The estimated costs of the rule's nutrition labeling requirements appear to be justified by the estimated benefits.

TABLE 30b—SUMMARY OF ANNUALIZED AVERAGE NET PRESENT VALUES OF COSTS AND BENEFITS, BEFORE ACCOUNTING FOR LEVELS OF CURRENT COMPLIANCE, \$million/year

Category	Primary estimate	Low estimate	High estimate	Units		
				Year dollars	Discount (percent)	Period covered
Benefits:						
Annualized	205.5	185.6	230.8	2002	7	20 years.
Monetized* \$million/year	248.3	228.4	273.6	2002	3	20 years.
Qualitative:	Consumers might also choose to use nutritional information to enhance enjoyment of food, and not just to raise their health status.					
Costs:						
Annualized	32.8	26.7	44.8	2002	7	20 years.
Monetized* \$million/year	31.7	25.6	43.7	2002	3	20 years.

Notes: * Monetized benefits of potential lives saved.

Note: These estimates do not take into account the level of voluntary compliance with the nutrition labeling requirements for ground or chopped products that currently exists. Consequently, the estimated amounts of ground or chopped products and major cuts impacted by this supplemental proposed rule are overstated. Consequently, the estimated compliance costs as well as the monetized benefits of potential lives saved are overstated.

TABLE 30c—SUMMARY OF ANNUALIZED AVERAGE NET PRESENT VALUES OF COSTS AND BENEFITS, AFTER ACCOUNTING FOR ASSUMED LEVELS OF CURRENT COMPLIANCE, \$million/year

Category	Primary estimate	Low estimate	High estimate	Units		
				Year dollars	Discount (percent)	Period covered
Benefits:						
Annualized	75.5	68.1	84.8	2002	7	20 years.
Monetized* \$million/year	91.3	83.9	100.6	2002	3	20 years.
Qualitative:	Consumers might also choose to use nutritional information to enhance enjoyment of food, and not just to raise their health status.					
Costs:						
Annualized	10.9	8.9	14.7	2002	7	20 years.
Monetized* \$million/year	10.5	8.6	14.4	2002	3	20 years.

Notes: * Monetized benefits of potential lives saved.

Note: These estimates take into account the level of voluntary compliance with the nutrition labeling requirements for ground or chopped products that currently exists—the 68 percent compliance rate (NCBA, 2004) of voluntary nutrition labeling of ground or chopped products and 54.8 percent level of voluntary compliance (USDA, 1999) of stores that provide nutrition labeling for major cuts.

Regulatory Flexibility Act (RFA)—Assessment

Based on the cost analysis above, FSIS has made a tentative determination that this rule would not have a significant economic impact on a substantial number of small entities, as defined by the Regulatory Flexibility Act (5 U.S.C. 601). The supplemental proposed rule would affect meat and poultry processing establishments producing ground or chopped products (Table 1 and 2) and retail firms and establishments (Tables 3 and 4). There are approximately 3,073 potentially affected Federal and State processing establishments and 47,688 potentially affected retail firms with 74,910 retail establishments. A "firm" refers to the parent company and an "establishment" refers to the retail facility. Processing establishments that grind or chop meat and poultry will be potentially affected. There are 1,433 very small, 858 small, and 109 large Federal establishments that produce ground or chopped

products, based on PBIS (April, 2006). The final regulatory analysis assumes that no small processor is independent. That is, all (regardless of their size) are part of a larger organization. Table 13 shows the undiscounted costs of about \$53.80 million for all the affected processing establishments.

FSIS does not believe that any very small operations will be affected by the regulation because very small meat and poultry operations employ nine or fewer employees. These establishments would find it difficult to produce over 100,000 pounds per ground product annually because these employees also process other products. Annual revenues associated with 100,000 pounds of annual ground beef total approximately \$230,000 for 85 percent lean ground beef, based on a retail value of \$2.30 per pound (Agricultural Marketing Service, Market Reports, September 2009). Some small establishments are also likely to be exempt from the regulation because they have 500 or fewer employees, or

are owned by companies with 500 or fewer employees, and FSIS assumes they produce less than 100,000 pounds annually of each ground product. FSIS researched this issue to better address the number of establishments that would be affected but does not have better data on corporations that own these individual establishments. However, as discussed earlier in the final regulatory analysis, RTI made the assumption that Federally-inspected processing establishments generally are a part of a larger organization that own, on average, three establishments each. In addition, based on PBIS (April 2006), there are 41 state-inspected processing establishments (Table 2) that are owned by 41 firms. Therefore, there are about 899 (858 + 41) small processing establishments that are affected by the supplemental proposed rule.

As part of the Regulatory Flexibility Assessment, FSIS also examined the impact of the supplemental proposed rule, by altering certain assumptions, to

determine whether the supplemental proposed rule could have a significant impact on a substantial number of small entities. Therefore, even though FSIS believes that small processors would find it difficult to produce over 100,000 pounds per ground product annually because these employees also process other products, FSIS estimated the cost to small grinders if they were not exempt from nutrition labeling requirements. For purposes of this alternative analysis, it is assumed that all 899 small processing firms will be affected by this regulation.⁴⁵ Also, based on the analysis for the supplemental proposed rule, there are 6.6 frozen or fresh ground meat or chopped meat and poultry products produced per company. For this alternative analysis, it is assumed that there are 5,933 (899 × 6.6) unique ground or chopped products. FSIS estimates that the one-time average costs of modifying product labels on prepackaged ground or chopped products to include nutrition information at processing establishments will be \$13.33 million (\$2,247 per label modification costs × 896 affected companies × 6.6 affected products per company) using average cost estimates. The annualized cost over 20 years at 7 percent is \$1.26 million. On a per company basis the annualized cost over 20 years is about \$1,402 (\$1.26 million/896).

In addition to the one-time costs of designing labels, processing establishments will also incur added costs of larger labels. Again, it is assumed that there are 899 small processing establishments that grind or chop meat and poultry, and that all these establishments are small businesses. Based on a study conducted by NCBA, 25 percent of ground or chopped meat and poultry packages are packaged at processing establishments. As explained above, approximately 437.5 million packages of ground and chopped meat and poultry products are packed by processing establishments each year. There are no data available to estimate the number of packages of ground or chopped meat or poultry products packaged by these small establishments, but (for purposes of this analysis) if 25 percent of all of the packages originate at small establishments, then these 899 companies package 109.4 million packages annually (437.5 million × .25). Multiplying 109.4 million packages by

0.5 cents per label (RTI, 2003) results in an annual cost of \$547,000 (109.4 million packages × \$0.005) or about \$509 per company. In total, FSIS estimates that (under the alternative set of assumptions that all small entities will be affected by this supplemental proposed rule and that they package 25 percent of the total) the cost to these 899 small companies (assuming that they package 25 percent of the total) will be about \$1,616 (\$1,107 + \$509) per company on an annualized basis using a 7 percent discount rate.

If, on the other hand, 50 percent of all packages from processing establishments originate at the small establishments, then these 899 companies package about 219 million packages annually. Multiplying 219 million packages by \$0.005 per label results in an annual cost of \$1,095,000 or \$1,218 per company. In total, FSIS estimates that the cost to 899 small companies (under the alternative set of assumptions that all small entities will be affected by this supplemental proposed rule and that they package 50 percent of the total) will be about \$2,126 per company (\$1,402 + \$1,218) on an annualized basis discounted at 7 percent.

Small retail stores will incur the cost of providing POP nutrition information for the major cuts. There are 47,422 small retail firms that own 51,431 small retail stores that would be required to provide POP information for the major cuts of single-ingredient, raw products. FSIS estimates that the cost to a retail store for placards will be \$10.56 for labor plus \$65.17 for materials or approximately \$75.73 per store. The annualized cost, assuming that the placards have to be replaced every two years, is about \$41.88 using a 7 percent discount rate. All retail stores, including small and very small businesses will incur these costs. FSIS believes that these costs are not significant—even for very small businesses.

Retail stores will also incur costs related to required nutrition labels for ground or chopped products. For this analysis, it is assumed that they will all comply by following Option 1 (the less costly printing method for labels) because it is the least costly. Based upon the information contained in the regulatory analysis, a total of 74,910 establishments owned by 47,688 firms could potentially be affected. However, 23,479 establishments owned by 266 firms are considered to be large according to the 2002 Economic Census. If they grind or chop over 100,000 pounds of a particular product annually, then as many as 51,431 small

establishments owned by 47,422 firms could potentially be affected.⁴⁶

For these establishments, it is assumed that there would be only one scale-printer system instead of the 1.5 scale-printer systems that was assumed in the regulatory analysis. Therefore, the average cost of upgrading scale-printer systems is estimated at \$1,600, and this cost would be incurred by these businesses once every five years. FSIS estimates that the annualized cost, since scale-printer systems need to be replaced every 5 years, is about \$390 using a 7 percent discount rate. Operating and maintenance costs are estimated at 6 percent (See supplemental PRIA for detailed explanation) or \$96 annually. Therefore, the sum of the annualized maintenance costs at 7 percent is estimated at \$486 annually per establishment (\$390 + \$96).

The average cost of redesigning larger store labels and conducting nutrition analysis is estimated at \$2,247. However, many firms have more than one establishment so the cost per establishment will be much lower. Assuming that each establishment had to redesign its store labels for 4.6 products and conduct nutrition analysis for each unique product, then the added annualized cost over 20 years is estimated at \$766 using a 7 percent discount rate.

The use of larger labels is another cost that these retail stores will incur. As explained above, an estimated 1.75 billion packages of ground or chopped meat or poultry products are sold at large retail facilities. Therefore, 460 million packages of ground or chopped products are sold at small retail establishments. Given that 51,431 small retail establishments could be affected, then each small establishment (460 million packages/51,431 establishments) sells 8,039 packages annually. If the added average cost of each label is \$0.005, then each retail store will incur an added cost of about \$40 annually (\$8,039 packages per establishment × .005).

FSIS estimates that using a 7 percent discount rate the sum of the annual/annualized cost to each retail establishment will be \$42 for nutrition information placards, \$486 for upgrading and maintaining scale-printer systems, \$969 for redesigning larger store logo labels, and \$40 for using larger labels. The total annual/

⁴⁵ Although RTI, in their analysis stated that all of these businesses are large, for this analysis, FSIS is altering the assumption in order to determine the impact (measure the sensitivity) of a set of alternative assumptions.

⁴⁶ RTI believes that all of these businesses will be exempt from nutrition labeling requirements. For purposes of conducting a sensitivity analysis, this analysis assumes that they are small for purposes of the Regulatory Flexibility Act and that they will not qualify for the small business exemption.

annualized cost using a 7 percent discount rate will be \$1,537. FSIS also estimates that using a 3 percent discount rate the total annual/annualized cost using a 3 percent discount rate will be \$1,216. In summary, FSIS concludes from using an alternate set of assumptions, that this supplemental proposed rule would not have a significant impact on a substantial number of small entities.

FSIS is cognizant of the possibility that while exempted establishments would not have to incur labeling costs, they also might not realize the benefits of increased sales of the nutritionally labeled products. This is because if demand for the labeled product increases relative to demand for non-labeled products, the exempt establishments would lose their market shares to the nonexempt establishments producing nutritionally labeled products. Therefore, to keep their market shares, these exempt establishments are likely to voluntarily include nutrition information on the product label. Such a strategy would minimize any adverse impact on these smaller establishments. It would, however, also increase their labeling costs. Economic theory dictates that these establishments would compare the costs of nutrition labels with the benefits of retaining their market shares and would decide to label their products if the benefits of increasing the market shares exceed the label costs.

Nutrition labeling would be required, either on the product label or on POP materials, for the major cuts. Therefore,

if manufacturers do not provide nutrition information on the label, retailers would be required to provide this information at the POP or on product labels. However, as noted above, this requirement should not impose major costs or other burdens. The annual/annualized cost to each retail establishment will be \$42 for nutrition information placards.

The economic impact on retail stores is likely to be minimal because recently there has been consolidation of these stores as a consequence of mergers and acquisitions, resulting in an increased market share of large retailers relative to small ones. For example, several years ago Royal Ahold, the Dutch Conglomerate, bought out Giant Food. Also, Ahold announced the pending purchase of Supermarket General-11 Holdings Corporation, parent of the Pathmark chain. Similarly, SUPERVALUE acquired Richfood, Food Lion bought out Hannaford Brothers and Scarborough, and Albertson's purchased American Stores. (Sean Mehegan, "Consolidation Changes the Face of the North American Supermarket Sector," *Meat & Poultry* (September 1999): 22-25). More recently, Wal-Mart through its operation Wal-Mart Puerto Rico agreed to acquire Supermercados Amigo, the leading supermarket chain in Puerto Rico. These mergers and acquisitions are likely to increase market shares of the large retailers at the cost of smaller ones.

Based on the 2002 Economic Census of the U.S. Department of Commerce, meat and poultry processing

establishments that are small entities had annual revenues from total value of shipments that ranged from \$0.454 million to \$96.038 million. For each processing (grinding) establishment, average costs as a percent of revenues range from a lower bound of 0.001 percent (\$1,402/\$96.038 million to an upper bound of 0.3 percent (\$1,402/\$0.454 million). Further, small entity retail stores (supermarkets and other grocery (except convenience) stores and meat market stores) had annual revenues from sales that ranged from \$0.343 million to \$8.873 million. Also, the companies or firms of the small retail stores had annual revenues from sales that ranged from \$0.343 million to \$48.342 million. Costs as a percent of revenues range from the lower bound of 0.02 percent (\$1,537/\$8.873 million) to the upper bound of 0.4 percent (\$1,537/\$0.343 million). Many of these retail firms that are small entities own multiple retail stores that are small entity supermarkets and other grocery (except convenience) stores.

The following table shows the upfront, first year costs for all businesses affected by the rule, compared to the first year, upfront costs for small businesses. The table also shows the percent of total first year costs of the rule that will be incurred by small businesses. Based on the cost estimates for the rule, assuming retailers choose Option 1 for labeling ground or chopped products, small businesses will incur 10.1 percent of total estimated first year costs.

TABLE 32—DISTRIBUTION OF FIRST YEAR COSTS—3 PERCENT DISCOUNT RATE

	Option 1 retail	Option 2 retail	Processing plant	Option 1 retail + processing plant	Option 2 retail + processing plant	Option 1 retail	Option 2 retail	Processing plant	Option 1 retail + processing plant	Option 2 retail + processing plant
	\$ Million					\$ Million—Present value				
All entities	61.88	39.88	6.00	67.88	45.88	60.09	38.72	5.83	65.91	44.55
Only small entities ...	2.84	2.84	3.98	6.82	6.82	2.76	2.76	3.86	6.62	6.62
	Percent									
Small entities share of total costs	4.59	7.12	66.33	10.05	14.86	4.59	7.12	66.33	10.05	14.86

TABLE 33—DISTRIBUTION OF FIRST YEAR COSTS—7 PERCENT DISCOUNT RATE

	Option 1 retail	Option 2 retail	Processing plant	Option 1 retail + processing plant	Option 2 retail + processing plant	Option 1 retail	Option 2 retail	Processing plant	Option 1 retail + processing plant	Option 2 retail + processing plant
	\$ Million					\$ Million—Present value				
All Entities	61.88	39.88	6.00	67.88	45.88	57.86	37.29	5.61	63.47	42.90

TABLE 33—DISTRIBUTION OF FIRST YEAR COSTS—7 PERCENT DISCOUNT RATE—Continued

	Option 1 retail	Option 2 retail	Proc- essing plant	Option 1 retail + proc- essing plant	Option 2 retail + proc- essing plant	Option 1 retail	Option 2 retail	Proc- essing plant	Option 1 retail + proc- essing plant	Option 2 retail + proc- essing plant
Only small entities ...	2.84	2.84	3.98	6.82	6.82	2.66	2.66	3.72	6.38	6.38
	Percent									
Small entities share of total costs	4.59	7.12	66.33	10.05	14.86	4.59	7.12	66.33	10.05	14.86

Executive Order 12988

This supplemental proposed rule has been reviewed under Executive Order 12988, Civil Justice Reform. States and local jurisdictions are preempted by the Federal Meat Inspection Act (FMIA) and the Poultry Products Inspection Act (PPIA) from imposing any marking, labeling, packaging, or ingredient requirements on Federally inspected meat and poultry products that are in addition to, or different than, those imposed under the FMIA or the PPIA. However, States and local jurisdictions may exercise concurrent jurisdiction over meat and poultry products that are outside official establishments for the purpose of preventing the distribution of meat and poultry products that are misbranded or adulterated under the FMIA or PPIA, or, in the case of imported articles, which are not at such an establishment, after their entry into the United States.

The supplemental proposed rule would not be intended to have retroactive effect.

Administrative proceedings would not be required before parties may file suit in court challenging this rule. However, the administrative procedures specified in §§ 306.5 and 381.35 must be exhausted before there is any judicial challenge of the application of the rule, if the challenge involves any decision of an FSIS employee relating to inspection services provided under FMIA and PPIA.

Paperwork Requirements

Title: Nutrition labeling of ground or chopped meat and poultry products and single-ingredient products.

Type of Collection: New.

Abstract: FSIS has reviewed the paperwork and record keeping requirements in this supplemental proposed rule in accordance with the Paperwork Reduction Act. Should this rule become final, FSIS will require several information collection and recordkeeping activities. FSIS will require nutrition labeling on the major cuts of single-ingredient, raw meat and

poultry products, either on their label or at their POP, unless an exemption applies. If the manufacturer provides nutrition information on the label of individual packages of the major cuts of single-ingredient, raw meat or poultry products, the retailer would not be required to provide the information at the POP. However, if the manufacturer does not provide the nutrition information on the label of these products, the retailer would be required to provide the information at their POP. In the estimate of burden below, FSIS is calculating that all retailers would display POP information for the major cuts of single-ingredient, raw meat and poultry products, because this is a low-cost means of providing nutrition information for multiple products, and because this rule will not require that manufacturers include nutrition labels on the major cuts of single-ingredient, raw meat and poultry products. FSIS is also requiring nutrition labels on all ground or chopped meat and poultry products, with or without added seasonings, unless an exemption applies.

Estimate of burden: FSIS estimates that obtaining POP materials and making them available for consumers would take an average of 30 minutes. FSIS believes that the nutrition information on most POP materials will be based on the most current representative database values contained in USDA's National Nutrient Data Bank or the USDA National Nutrient Database for Standard Reference. FSIS also believes it is unlikely that there will be any nutrition claims made on the POP materials on the basis of the representative data base values. Therefore, these products will not be subject to FSIS compliance review, and there will be no recordkeeping requirements based on this information.

FSIS estimates that developing nutrition labels for ground or chopped products would take an average of 6 hours. Labels developed at official establishments would be submitted to

FSIS. FSIS estimates that each official establishment that produces ground or chopped product would submit 6.6 labels to FSIS for approval. FSIS estimates that it would take an average of 1.5 hours to prepare and submit the form for prior approval. All ground or chopped product would be subject to FSIS compliance review; therefore, producers of ground or chopped product would be required to maintain records to support the validity of nutrient declarations contained on product labels. FSIS estimates the average time for recordkeeping would be 30 minutes.

Respondents: Meat and poultry establishments and retail stores.

Estimated number of respondents: 75,539.

Estimated number of responses per respondent: 18.04.

Estimated total annual burden on respondents: 66,062 hours

Copies of this information collection assessment can be obtained from John O'Connell, Paperwork Reduction Act Coordinator, Food Safety and Inspection Service, USDA, 112 Annex, 300 12th St., Washington, DC 20250. Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of FSIS's functions, including whether the information will have practical utility; (b) the accuracy of FSIS's estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical, or other technological collection techniques, or other forms of information technology. Comments may be sent to both John O'Connell, Paperwork Reduction Act Coordinator, at the address provided above, and the Desk Officer for Agriculture, Office of Information and Regulatory Affairs,

Office of Management and Budget, Washington, DC 20253.

To be most effective, comments should be sent to OMB within 60 days of the publication date of this supplemental proposed rule.

E-Government Act Compliance

FSIS is committed to complying with the E-Government Act, to promote the use of the Internet and other information technologies to provide increased opportunities for citizen access to Government information and services, and for other purposes.

Additional Public Notification

Public awareness of all segments of rulemaking and policy development is important. Consequently, in an effort to ensure that minorities, women, and persons with disabilities are aware of this supplemental proposed rule, FSIS will announce it on-line through the FSIS Web page located at http://www.fsis.usda.gov/regulations_&_policies/2009_Proposed_Rules_Index/index.asp. FSIS also will make copies of this **Federal Register** publication available through the FSIS Constituent Update, which is used to provide information regarding FSIS policies, procedures, regulations, **Federal Register** notices, FSIS public meetings, and other types of information that could affect or would be of interest to constituents and stakeholders. The Update is communicated via Listserv, a free electronic mail subscription service for industry, trade groups, consumer interest groups, health professionals and other individuals who have asked to be included. The Update is available on the FSIS Web page. Through the Listserv and the Web page, FSIS is able to provide information to a much broader and more diverse audience.

In addition, FSIS offers an e-mail subscription service which provides automatic and customized access to selected food safety news and information. This service is available at http://www.fsis.usda.gov/news_and_events/email_subscription/. Options range from recalls to export information to regulations, directives and notices. Customers can add or delete subscriptions themselves, and have the option to password protect their accounts.

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Section III

List of Subjects

9 CFR Part 317

Food labeling, Food packaging, Meat Inspection, Nutrition, Reporting and recordkeeping requirements.

9 CFR Part 381

Food labeling, Food packaging, Nutrition, Poultry and poultry products, Reporting and recordkeeping requirements.

For the reasons stated in the preamble, FSIS is proposing to amend 9 CFR Chapter III, as follows:

PART 317—LABELING, MARKING DEVICES AND CONTAINERS

1. The authority citation for part 317 continues to read as follows:

Authority: 21 U.S.C 601-695; 7 CFR 2.18, 2.53.

2. Section 317.300 is revised to read as follows:

§ 317.300 Nutrition labeling of meat and meat food products.

(a) Unless the product is exempted under § 317.400, nutrition labeling must be provided for all meat and meat food products intended for human consumption and offered for sale, except single-ingredient, raw products that are not ground or chopped products described in § 317.301 and are not major cuts of single-ingredient, raw meat products identified in § 317.344. Nutrition labeling must be provided for the major cuts of single-ingredient, raw meat products identified in § 317.344, either in accordance with the provisions of § 317.309 for nutrition labels, or in accordance with the provisions of § 317.345 for POP materials, except as exempted under § 317.400. For all other products for which nutrition labeling is required, including ground or chopped meat products described in § 317.301, nutrition labeling must be provided in accordance with the provisions of § 317.309, except as exempted under § 317.400.

(b) Nutrition labeling may be provided for single-ingredient, raw meat products that are not ground or chopped meat products described in § 317.301 and that are not major cuts of single-ingredient, raw meat products identified in § 317.344, either in accordance with

the provisions of § 317.309 for nutrition labels, or in accordance with the provisions of § 317.345 for point-of-purchase materials.

3. A new § 317.301 is added to read as follows:

§ 317.301 Required nutrition labeling of ground or chopped meat products.

(a) Nutrition labels must be provided for all ground or chopped products (livestock species) and hamburger with or without added seasonings (including, but not limited to, ground beef, ground beef patties, ground sirloin, ground pork, and ground lamb) that are intended for human consumption and offered for sale, in accordance with the provisions of § 317.309, except as exempted under § 317.400.(b). [Reserved]

4. Section 317.309 is amended as follows:

a. In paragraph (b)(3), the first sentence is amended by adding "that are not ground or chopped meat products described in § 317.301" after the phrase "single-ingredient, raw products", and by removing "as set forth in § 317.345(a)(1)"; the second sentence is amended by adding, "that are not ground or chopped meat products described in § 317.301" after the phrase "single-ingredient, raw products", and the following new sentence is added after the first sentence: "For single-ingredient, raw products that are not ground or chopped meat products described in § 317.301, if data are based on the product 'as consumed,' the data must be presented in accordance with § 317.345(d)."

b. Paragraph (b)(10) is amended by adding the following new sentence at the end of the paragraph: "The declaration of the number of servings per container need not be included in nutrition labeling of single-ingredient, raw meat products that are not ground or chopped meat products described in § 317.301, including those that have been previously frozen."

c. Paragraph (b)(11) is amended by adding the phrase "single-ingredient, raw products that are not ground or chopped meat products described in § 317.301 and" after "exception of".

d. Paragraph (d)(3)(ii) is amended by removing the period and adding "or on single-ingredient, raw meat products that are not ground or chopped meat products described in § 317.301." at the end of the paragraph.

e. Paragraph (e)(3) is amended by adding " , but may be on the basis of as consumed for single-ingredient, raw meat products that are not ground or chopped meat products described in § 317.301," after "as packaged".

f. Paragraph (h)(9) is amended by removing the phrase "(including ground beef)", by adding, "that are not ground or chopped meat products described in § 317.301" after "products", by removing the phrase, "its published form, the Agriculture Handbook No. 8 series available from the Government Printing Office", and by adding, in its place, "its released form, the USDA National Nutrient Database for Standard Reference", and by removing the period and adding the following at the end of the paragraph: as provided in § 317.345(e) and (f)."

§ 317.343 [Amended]

5. Section 317.343 is removed.
6. Section 317.344 is amended by removing the phrases "ground beef regular without added seasonings, ground beef about 17% fat," and "ground pork."
7. Section 317.345 is amended as follows:
- a. The section heading and paragraphs (a) and (c) are revised.
- b. Paragraph (d) is amended by removing "should" and adding, in its place, "for products covered in paragraphs (a)(1) and (a)(2) must".
- c. Paragraph (e) is amended by removing "its published form, the Agriculture Handbook No. 8 series" and by adding, in its place, "its released form, the USDA National Nutrient Database for Standard Reference", and by removing "(including ground beef)".
- d. Paragraph (f) is amended by adding "provided" after "nutrition information is".
- e. Paragraph (g) is amended by removing the phrase "(including ground beef)".

The revisions read as follows:

§ 317.345 Nutrition labeling of single-ingredient, raw meat products that are not ground or chopped products described in § 317.301.

- (a)(1) Nutrition information on the major cuts of single-ingredient, raw meat products identified in § 317.344, including those that have been previously frozen, is required, either on their label or at their point-of-purchase, unless exempted under § 317.400. If nutrition information is presented on the label, it must be provided in accordance with § 317.309. If nutrition information is presented at the point-of-purchase, it must be provided in accordance with the provisions of this section.
- (2) Nutrition information on single-ingredient, raw meat products that are not ground or chopped meat products described in § 317.301 and are not major cuts of single-ingredient, raw meat

products identified in § 317.344, including those that have been previously frozen, may be provided at their point-of-purchase in accordance with the provisions of this section or on their label, in accordance with the provisions of § 317.309.

(3) A retailer may provide nutrition information at the point-of-purchase by various methods, such as by posting a sign or by making the information readily available in brochures, notebooks, or leaflet form in close proximity to the food. The nutrition labeling information may also be supplemented by a video, live demonstration, or other media. If a nutrition claim is made on point-of-purchase materials, all of the format and content requirements of § 317.309 apply. However, if only nutrition information—and not a nutrition claim—is supplied on point-of-purchase materials, the requirements of § 317.309 apply, provided, however:

- (i) The listing of percent of Daily Value for the nutrients (except vitamins and minerals specified in § 317.309 (c)(8)) and footnote required by § 317.309(d)(9) may be omitted; and
- (ii) The point-of-purchase materials are not subject to any of the format requirements.

* * * * *

(c) For the point-of-purchase materials, the declaration of nutrition information may be presented in a simplified format as specified in § 317.309(f).

* * * * *

8. Section 317.362 is amended by adding a new paragraph (f) to read as follows:

§ 317.362 Nutrient content claims for fat, fatty acids, and cholesterol content.

* * * * *

(f) A statement of the lean percentage may be used on the label or in labeling of ground or chopped meat products described in § 317.301 when the product does not meet the criteria for "low fat," defined in § 317.362(b)(2), provided that a statement of the fat percentage is contiguous to and in lettering of the same color, size, type, and on the same color background, as the statement of the lean percentage.

9. Section 317.400 is amended by:

- a. Revise paragraph (a)(1) introductory text.
- b. Paragraph (a)(1)(ii) is amended by adding "including a single retail store," after the phrase "single-plant facility," and by adding, "including a multi-retail store operation," after "company/firm".
- c. Paragraph (a)(7)(i) is amended by removing the semi-colon and "and" and

by adding the following at the end of the paragraph:

"provided, however, that this exemption does not apply to ready-to-eat ground or chopped meat products described in § 317.301 that are packaged or portioned at a retail establishment, unless the establishment qualifies for an exemption under (a)(1);".

d. Paragraph (a)(7)(ii) is amended by removing the period and by adding the following at the end of the paragraph: "provided, however, that this exemption does not apply to multi-ingredient ground or chopped meat products described in § 317.301 that are processed at a retail establishment, unless the establishment qualifies for an exemption under (a)(1); and"

e. Add a new paragraph (a)(7)(iii).

f. Paragraph (d)(1) is amended by removing the period at the end of the first sentence, and by adding the following to the end of the first sentence: "except that this exemption does not apply to the major cuts of single-ingredient, raw meat products identified in § 317.344."

The revision and addition read as follows:

§ 317.400 Exemption from nutrition labeling.

(a) * * *

(1) Food products produced by small businesses, other than the major cuts of single-ingredient, raw meat products identified in § 317.344 produced by small businesses, provided that the labels for these products bear no nutrition claims or nutrition information, and ground or chopped products described in § 317.301 produced by small businesses that bear a statement of the lean percentage and fat percentage on the label or in labeling in accordance with § 317.362(f), provided that labels or labeling for these products bear no other nutrition claims or nutrition information,

* * * * *

(7) * * *

(iii) Products that are ground or chopped at an individual customer's request.

* * * * *

PART 381—POULTRY PRODUCTS INSPECTION REGULATIONS

10. The authority citation for part 381 continues to read as follows:

Authority: 7 U.S.C. 138f, 450; 21 U.S.C. 451–470; 7 CFR 2.18, 2.53.

11. Section 381.400 is revised to read as follows:

§ 381.400 Nutrition labeling of poultry products.

(a) Unless the product is exempted under § 381.500, nutrition labeling must be provided for all poultry products intended for human consumption and offered for sale, except single-ingredient, raw products that are not ground or chopped products described in § 381.401 and are not major cuts of single-ingredient, raw poultry products identified in § 381.444. Nutrition labeling must be provided for the major cuts of single-ingredient, raw poultry products identified in § 381.444, either in accordance with the provisions of § 381.409 for nutrition labels, or in accordance with the provisions of § 381.445 for point-of-purchase materials, except as exempted under § 381.500. For all other products that require nutrition labeling, including ground or chopped poultry products described in § 381.401, nutrition labeling must be provided in accordance with the provisions of § 381.409, except as exempted under § 381.500.

(b) Nutrition labeling may be provided for single-ingredient, raw poultry products that are not ground or chopped poultry products described in § 381.401 and that are not major cuts of single-ingredient, raw poultry products identified in § 381.444, either in accordance with the provisions of § 381.409 for nutrition labels, or in accordance with the provisions of § 381.445 for point-of-purchase materials.

12. A new § 381.401 is added to read as follows:

§ 381.401 Required nutrition labeling of ground or chopped poultry products.

Nutrition labels must be provided for all ground or chopped poultry (kind) with or without added seasonings (including, but not limited to, ground chicken, ground turkey, and (kind) burgers) that are intended for human consumption and offered for sale, in accordance with the provisions of § 381.409, except as exempted under § 381.500.

13. Section 381.409 is amended as follows:

a. Revise paragraph (b)(3).

b. Paragraph (b)(10) is amended by adding the following new sentence at the end of the paragraph: "The declaration of the number of servings per container need not be included in nutrition labeling of single-ingredient, raw poultry products that are not ground or chopped poultry products described in § 381.401, including those that have been previously frozen."

c. Paragraph (b)(11) is amended by adding the phrase "single-ingredient,

raw products that are not ground or chopped poultry products described in § 381.401 and" after "exception of".

d. Paragraph (d)(3)(ii) is amended by removing the period and adding "or on single-ingredient, raw poultry products that are not ground or chopped poultry products described in § 381.401." at the end of the paragraph.

e. Paragraph (e)(3) is amended by adding ", but may be on the basis of "as consumed" for single-ingredient, raw poultry products that are not ground or chopped poultry products described in § 381.401," after "as packaged".

f. Paragraph (h)(9) is amended by adding, "that are not ground or chopped poultry products described in § 381.401" after "products", by removing the phrase, "its published form, the Agriculture Handbook No. 8 series", and by adding, in its place, "its released form, the USDA National Nutrient Database for Standard Reference", and by removing the period and adding the following at the end of the paragraph: ". as provided in § 381.445(e) and (f)."

The revision reads as follows:

§ 381.409 Nutrition label content.

* * * * *

(b) * * *

(3) The declaration of nutrient and food component content shall be on the basis of the product "as packaged" for all products, except that single-ingredient, raw products that are not ground or chopped poultry products as described in § 381.401 may be declared on the basis of the product "as consumed." For single-ingredient, raw products that are not ground or chopped poultry products described in § 381.401, if data are based on the product "as consumed," the data must be presented in accordance with § 381.445(d). In addition to the required declaration on the basis of "as packaged" for products other than single ingredient, raw products that are not ground or chopped poultry products as described in § 381.401, the declaration may also be made on the basis of "as consumed," provided that preparation and cooking instructions are clearly stated.

* * * * *

§ 381.443 [Removed]

14. Section 381.443 is removed.

15. Section 381.445 is amended as follows:

a. The section heading and paragraph (a) and (c) are revised.

b. Paragraph (d) is amended by removing "should" and adding, in its place, "for products covered in paragraphs (a)(1) and (a)(2) must".

c. Paragraph (e) is amended by removing "its published form, the Agriculture Handbook No. 8 series" and by adding, in its place, "its released form, the USDA National Nutrient Database for Standard Reference."

d. Paragraph (f) is amended by adding "provided" after "nutrition information is".

The revisions read as follows:

§ 381.445 Nutrition labeling of single-ingredient, raw poultry products that are not ground or chopped products described in § 381.401.

(a)(1) Nutrition information on the major cuts of single-ingredient, raw poultry products identified in § 381.444, including those that have been previously frozen, is required, either on their label or at their point-of-purchase, unless exempted under § 381.500. If nutrition information is presented on the label, it must be provided in accordance with the provisions of § 381.409. If nutrition information is presented at the point-of-purchase, it must be provided in accordance with the provisions of this section.

(2) Nutrition information on single-ingredient, raw poultry products that are not ground or chopped poultry products described in § 381.401 and are not major cuts of single-ingredient, raw poultry products identified in § 381.444, including those that have been previously frozen, may be provided at their point-of-purchase in accordance with the provisions of this section or on their label, in accordance with the provisions of § 381.409.

(3) A retailer may provide nutrition information at the point-of-purchase by various methods, such as by posting a sign or by making the information readily available in brochures, notebooks, or leaflet form in close proximity to the food. The nutrition labeling information may also be supplemented by a video, live demonstration, or other media. If a nutrition claim is made on point-of-purchase materials, all of the format and content requirements of § 381.409 apply. However, if only nutrition information—and not a nutrition claim—is supplied on point-of-purchase materials, the requirements of § 381.409 apply, provided, however:

(i) The listing of percent of Daily Value for the nutrients (except vitamins and minerals specified in § 381.409(c)(8)) and footnote required by § 381.409(d)(9) may be omitted; and

(ii) The point-of-purchase materials are not subject to any of the format requirements.

* * * * *

(c) For the point-of-purchase materials, the declaration of nutrition information may be presented in a simplified format as specified in § 381.409(f).
* * * * *

16. Section 381.462 is amended by adding a new paragraph (f) to read as follows:

§ 381.462 Nutrient content claims for fat, fatty acids, and cholesterol content.
* * * * *

(f) A statement of the lean percentage may be used on the label or in labeling of ground or chopped poultry products described in § 381.401 when the product does not meet the criteria for "low fat," defined in § 381.462(b)(2), provided that a statement of the fat percentage is contiguous to and in lettering of the same color, size, type, and on the same color background, as the statement of the lean percentage.

17. Section 381.500 is amended by:

a. Revising paragraph (a)(1) introductory text.

b. Paragraph (a)(1)(ii) is amended by adding ", including a single retail store," after the phrase "single-plant facility," and by adding ", including a multi-retail store operation" after "company/firm".

c. Paragraph (a)(7)(i) is amended by removing the semi-colon and "and" and adding the following at the end of the paragraph: ", provided, however, that this exemption does not apply to ready-to-eat ground or chopped poultry products described in § 381.401 that are packaged or portioned at a retail establishment, unless the establishment qualifies for an exemption under (a)(1);"

d. Paragraph (a)(7)(ii) is amended by removing the period and adding the following at the end of the paragraph: ", provided, however, that this exemption does not apply to multi-ingredient ground or chopped poultry products described in § 381.401 that are processed at a retail establishment, unless the establishment qualifies for an exemption under (a)(1); and"

e. Add a new paragraph (a)(7)(iii).

f. Paragraph (d)(1) is amended by removing the period at the end of the sentence, and by adding the following to the end of the sentence: "except that this exemption does not apply to the major cuts of single-ingredient, raw poultry products identified in § 381.444."

The revision and addition reads as follows:

§ 381.500 Exemption from nutrition labeling.

(a) * * *

(1) Food products produced by small businesses other than the major cuts of single-ingredient, raw poultry products identified in § 381.444 produced by small businesses, provided that the labels for these products bear no nutrition claims or nutrition information, and ground or chopped products described in § 381.401 produced by small businesses that bear a statement of the lean percentage and fat percentage on the label or in labeling in accordance with § 381.462(f), provided that labels or labeling for these products bear no other nutrition claims or nutrition information,
* * * * *

(7) * * *

(iii) Products that are ground or chopped at an individual customer's request.
* * * * *

Done in Washington, DC, on December 3, 2009.

Alfred V. Almanza,
Administrator.

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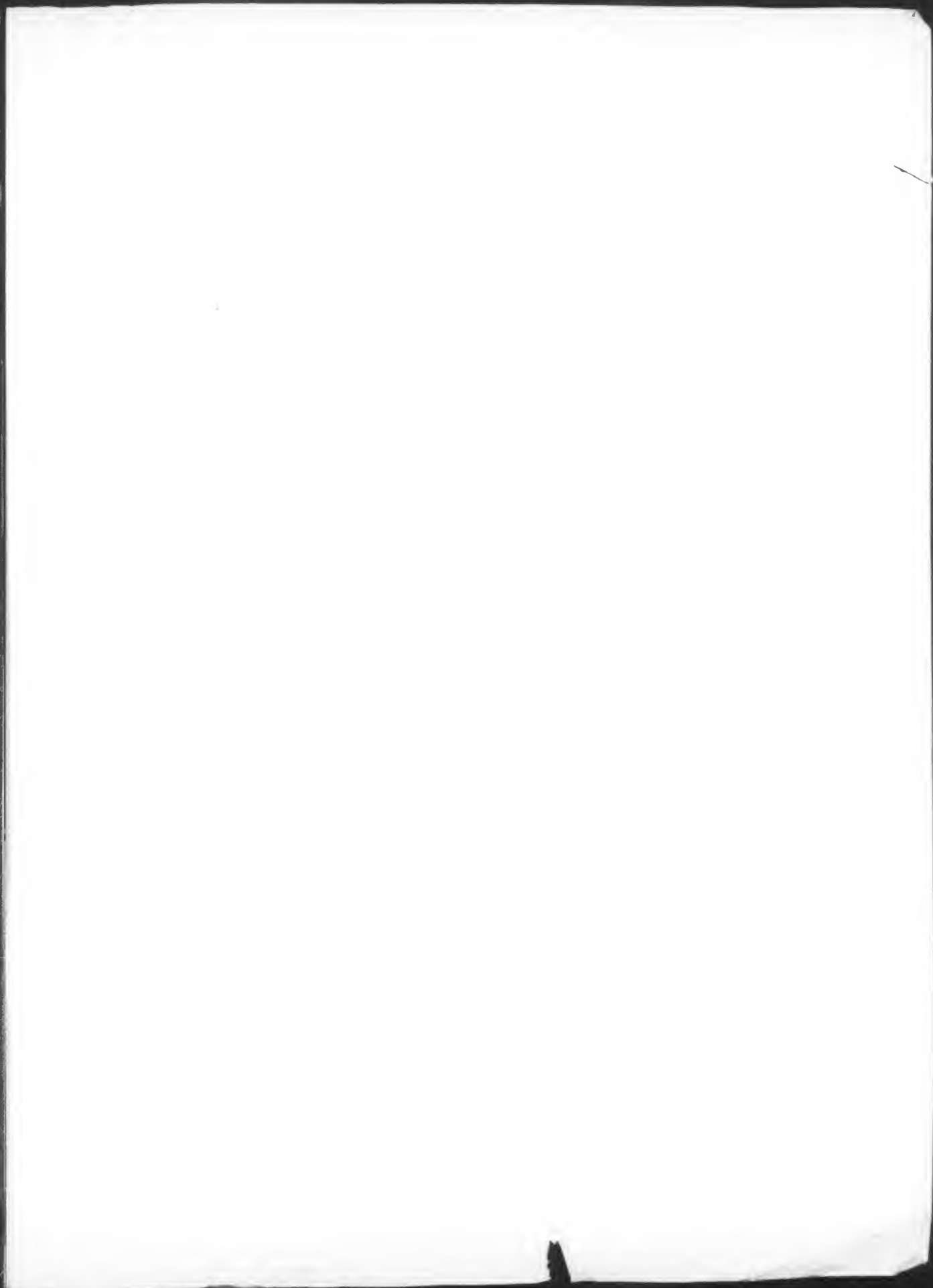
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