

5. Communicable Diseases.

As shown in Table 86, epidemic, contagious and parasitic diseases accounted for 27 percent of all deaths in Osaka-fu in 1938, which represents no change from the preceding year. This percentage, as in other urban prefectures, exceeds the national rate (18) and is considerably higher than the rates for rural prefectures, which range from 13 to 18.

TABLE 86

Deaths from Communicable Diseases, 1938, Osaka-fu & Japan

	Osaka-fu	Japan
(Population 1938)	(4,594,649)*	(71,570,244)
Intestinal typhoid fever(1)**	896***	7,819
Paratyphoid fever (2)	26***	297
Measles (7)	91	4,997
Scarlet fever (8)	33	398
Whooping cough (9)	517	8,871
Diphtheria (10)	380***	4,135
Influenza (11)	357	7,646
Dysentery (13a)	578***	5,550
Ekiri (13b)	1,324***	16,416
Erysipelas (15)	217	3,409
Meningitis cerebrospiral epidemic(16)	52	715
Sleeping sickness (17)	46	1,088
Cerebrospiral meningitis (18)	63	580
Tetanus (22)	29	1,775
Tuberculosis of respiratory organs (23 abc)	9,089	107,442
Tuberculosis of other organs(24-32)	3,054	41,385
Tuberculosis, all forms(23-32)	12,143	148,827
Leprosy (33)	14	337
Syphilis (34)	260	4,412
Gonococcus infection and other venereal diseases (35)	3	47
Sepsis (non-puerperal) (36)	393	9,203
Malaria (38)	1	207
Other diseases due to protozo helminths & hemorrhagic jaundice due to spirochaetes (39)	151	1,545
Bacterial disease of the duodenum(40)	4	280
Other diseases of helminths (42)	6	493
Mycosis (43)	14	418

	Osaka-fu	Japan
Other epidemic or parasitic diseases (44)	7	149
Epidemic, infections & parasitic diseases (1-44)	17,608	229,708
Total deaths (1-200)	66,409	1,259,805
Percentage of deaths caused by (1-44)	27	18

\* By interpolation: 1935 and 1940 populations.

\*\* Numbers refer to diseases in the International List of Causes of Death.

\*\*\* Another source lists 888 deaths for typhoid fever, 22 deaths for paratyphoid fever, 435 deaths for diphtheria, 709 deaths for dysentery, and 1,258 deaths for ekiri. Corresponding national figures are similarly in disagreement.

There have been epidemics of bubonic plague in Osaka-fu in the past, but none recently. Cholera epidemics have occurred here and cases of louse-borne typhus have been reported at least up to 1940. Obviously in this seaport prefecture, reported to be heavily infested with rats, plague and typhus constitute ever-present threats to public health.

Malaria and dengue fever are reported to be prevalent, but supporting incidence data are not available. Filariasis is not reported as prevalent.

Schistosomiasis is endemic in this region and intestinal worm infestation is very common. There were 4,694 carriers of roundworm eggs and 1,631 carriers of hookworm eggs found among 10,988 village inhabitants of Osaka-fu examined in 1937 under the Law for the Prevention of Parasitic Diseases. Among 27,499 village inhabitants examined in 1938, there were 11,877 carriers of roundworm eggs and 6,269 carriers of hookworm eggs.

Morbidity data for 5 of the 11 reportable diseases in Japan are shown in Table 87.

TABLE 87

Morbidity Data, 1938, Osaka-fu & Japan

	Cases		Case fatality rate per 100 cases		Morbidity rate per 100,000 pop*		Crude death rate per 100,000 pop.	
	Osaka	Japan	Osaka	Japan	Osaka	Japan	Osaka	Japan
Diphtheria	3,211	28,420	14	14	66.9	39.7	9.2	5.4
Typhoid fever	4,075	42,132	22	17	84.9	58.9	18.6	9.7

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	Osaka		Japan		Osaka		Japan	
	Case fatality rate per 100 cases	Morbidity rate per 100,000 pop*	Case fatality rate per 100 cases	Morbidity rate per 100,000 pop*	Crude death rate per 100,000 pop.			
Paratyphoid fever	211	6,117	10	5	4.5	8.5	0.6	0.4
Dysentery (including Ekiri)	10,648	80,221	18	25	221.6	112.1	41.1	28.2
Ekiri	3,549	32,728	35	47	73.9	45.7	26.3	21.7**

\* Population for 1938 determined by interpolation: 1935 and 1940 populations

\*\* Data taken from source which differs from that used in Table 86. (See footnote \*\*\*)

The incidence of these diseases for the preceding year (1937) was as follows: diphtheria 2,665 (cases); typhoid fever 3,433; paratyphoid fever 335; dysentery 5,038; and ekiri 2,896. The incidence of the remaining notifiable diseases for that year was as follows: scarlet fever 1,678 (cases); epidemic cerebrospinal meningitis 104; smallpox 2; and no cases of cholera, plague or typhus. Most of the cases of these diseases occurred in Osaka-shi.

In almost all instances the acute infections (notifiable) diseases are reported to the authorities by attending physicians. In periods of epidemic prevalence, the police search for patients in early stages of infection by house-to-house inspection.

Vaccinations against smallpox are given in 2 periods: (a) within 6 months after birth and, if negative, repeated before June of the following year, and (b) in the 10th year after birth. As in other prefectures, approximately 5 percent of the population of Osaka-fu was vaccinated one or more times in the period of a year (1936).

Venereal diseases are believed to be prevalent in Osaka-fu. In 1937 there were 10 prostitute quarters, 10 health examination offices for prostitutes and one huge hospital for prostitutes. Among the 537,046 prostitutes (aggregate number) examined in Osaka-fu in that year, 18,133 were found infected with one or more communicable disease. Of these infections, 372 were syphilis, 10,583 were gonorrhoea and 5,450 were chancroid. There were 260 reported deaths in this prefecture attributed to syphilis (1938)

In 1937, under the Trachoma Prevention Law, 33,444 persons were examined and only 810 (2.4 percent) were found infected (mild, severe or "suspected"). The corresponding national

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percentage was 7.9. Among elementary school children examined here in 1935, 8.9 percent were found infected with trachoma. The national percentage was 10.3.

6. Medical Supply.

Osaka-fu is second only to Tokyo-to in the production of drugs and medicinals in Japan. In 1939 there were 105 pharmaceutical plants here. Of these, 30 to 40 were large establishments. Although most of the plants are scattered throughout the Osaka-shi area, there were 2 definite concentrations, one in Higashiyodogawa-ku where 7 large plants are located, and the other in Nishiyodogawa-ku where 4 plants are located. The drug trading center in Osaka-shi is in Doshumachi in Higashi-ku, where most of the companies have offices and warehouses and where, apparently, large stocks of drugs are to be found.

The main drug plants in Osaka-fu are: The Chobei Takeda Plant in Higashiyodogawa-ku; The Nippon Senryo Seizo Plant in Torishima-cho; The 2 Shionogi plants in Nishiyodogawa-ku; and the Sankyo Plant in Nigashiyodogawa-ku.

The names, addresses and main products of the large drug manufacturers in Osaka-fu are listed in Appendix I.

In 1937 there were 12,103 retailers, 61,721 peddlers and 3 importers of patent medicines in this prefecture. The value of patent medicines produced here in that year was 23,010,315 yen. This amount, much larger than that of any other prefecture, constituted more than 20 percent of the value of all patent medicines produced in Japan.

It is believed that medical supplies will be found in the warehouses and stockpiles in the drug trading center of Osaka-shi, in underground warehouses reported to have been constructed in the larger cities of Japan (presumably including Osaka-shi), at military and naval establishments (including a medical supply depot in the Osaka-shi area) and in the larger hospitals and laboratories throughout the prefecture.

7. Sanitation, Port Quarantine and Public Health Laws.

Water supply and sewage disposal are discussed in Chapter IV, C, 2 and 3.

In 1937 there were 511 crematoria in Osaka-fu and 75,821 cremations (92.8 percent of all deceased persons). The national percentage was 53.8.

There were 9 slaughterhouses in Osaka-fu (1938). Of these, 4 were established by cities, 4 by towns or townships and one

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was established privately. The number of veterinarians in Osaka-fu (1938) was 408.

Here, as in other prefectures, meat, milk and milk products, other foods and drinks, ice, utensils used in handling foods, and other items are given routine inspections. Information on the type of inspections and their thoroughness is not available. However, Osaka-shi does have some of the best equipped and staffed laboratories for food, water and chemical analysis in Japan. Among these, perhaps the outstanding one is the Osaka Hygienic Laboratory of the Ministry of Welfare.

Data on industrial hygiene and sanitation are not available. However, it is known that such services are available in the larger industrial plants. For example, the Toyo Spinning Company had a Sanitary Section headed by a former professor of hygiene of the Kyushu Imperial University (1920-1925). It is believed that with the increased industrialization of Osaka-fu, particularly in the last 10 years, there has been a commensurate increase in the health and hygiene services provided by large industrial plants.

One of the 11 permanent port quarantine stations in Japan (1938) was located at Osaka-shi. Here facilities were available for medical and veterinary inspection, disinfection and insect and rat extermination. It is reported that quarantine is strictly enforced at ports of Japan. In 1938 a total of 5,445 ships and 326,182 persons were inspected at this port. There were 228 ships subjected to rat and insect extermination procedures. Among the persons inspected, 12 cases of infectious disease were found.

Public health laws and regulations applicable to all of Japan on narcotics control, epidemic disease control, food and water sanitation, sewage disposal, public hospitals, etc., obviously apply to Osaka-fu as well. The substance of local health ordinances is unknown.

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## E. PUBLIC WELFARE

### 1. Organization.

The public welfare program in Osaka-fu is conducted on a national basis according to standards and policies established by the Ministry of Welfare, (Kosei-sho). Provincial administration is conducted by the Welfare Section (Kosei-Ka) under the Prefectural Department of Internal Administration (Naiseibu). The mayors of the cities and the heads of the towns and townships are responsible for the distribution of relief. These officials are assisted by paid welfare directors in most cities (shi). There are 74 welfare districts (homen) in the urban areas of Osaka-fu. These districts are served by District of Welfare Committees (homen-iin) composed of volunteer social workers who do the actual field work. They also maintain in the municipal offices an index file (homen kaado) of families receiving assistance.

a. Osaka-shi. Osaka-shi has a central office with a paid welfare staff, ward (ku) offices, and volunteer social workers operating in 62 welfare districts. The volunteer social workers number 1,328. Except for Kobe-shi, per capita poor relief expenditures in 1940 were higher in Osaka-shi than in any other of the "big six" cities. In the same year Osaka-shi shared with Kobe-shi the honor of having the highest mothers' and children's relief budget in Japan. In comparison with the other municipalities, Osaka-shi has an exceptionally large institutional program. There are known to be 39 public children's institutions (capacity 2,750), 25 private children's institutions (capacity 2,231), 44 day nurseries (capacity 2,684), and 10 pawn shops.

Since April 1944, all elementary school children attending national schools have been served free lunches at government expense. Facilities for this are located in the individual schools.

The following Osaka welfare agency names and addresses are known:

Chiisaki Hana Aijien (Little Flower nursery) Okayama-cho, Higashi-ku. (Catholic)  
Zaidan Hojin Yodogawa Zenrinkan (Settlement) 33, b. 2-chome, Honjo-naka-dori, Higashiyodogawa-ku. (Congregational).  
Hakuaisha Orphanage, Hotikami-cho, Higashiyodogawa-ku.  
Mead Shakai Kan (settlement, youth hostel) 50 of 1-chome, Minami-dori. Moto Imazato, Higashiyodogawa-ku. (Baptist).  
Hakuaisha (Relief work for orphans) Neighborhood of Mead Settlement. (Episcopal).  
Osaka Kami Fukushima Takuji-sho. (day nursery) 73 Kita 2-chome, Fukushima, Kita-ku. East Asia Mission.  
Josbi Kibo Kan (Girls Welfare Work), 2 Noda-machi, Kita-ku. (Salvation Army).

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Kansai Mission to Lepers, 13 Nishiogi-machi, Kita-ku.  
(Independent Christian Organization).  
Osaka Juvenile Court, Wakamatsu-cho, Kita-ku. (Prefectural).  
Osaka Branch of Naniwa Juvenile Institute, Wakamatsu-cho, Kita-ku.  
Osaka Womens' Home, 6 of 6 Nakanoshima, Kita-ku.  
(Women's Christian Temperance Union).  
Y. W. C. A. (headquarters and dormitory). 13 Nishiogi-machi, Kita-ku.  
Osaka Gyomei Kan (settlement) 10 Buntoku-cho, Shinkanjima, Konohana-ku. (Methodist)  
Osaka Suijo Rimpo Kan (settlement and home for children of canal boat people) 28 Tempozan, Chikko Minato-ku. (Japan Evangelical).  
Osaka Shokugyo Shokai Jo (employment agency) 116 b. 2-chome, Ebisu-cho, Naniwa-ku. (Congregational).  
Osaka Y. M. C. A. Employment Bureau, Tosabori-dori, 2-chome, Nishi-ku.  
Seishin Settsurumento Hoiku In. (Sacred Heart settlement and orphanage) 36 Kaiun-cho, Nishinari-ku. (Catholic).  
Seibo Aijien (day nursery and orphanage) 7-chome Tanabeshino-machi, Sumiyoshi-ku. (Catholic).  
Osaka Rodo Kyorei Kan (Laborers' lodging) 18 of 2-chome, Izuo-matsuno-machi, Taisho-ku. (Congregational).  
St. Yohane Gaku-en, 61 Saikudani-machi Tennoji-ku. (Episcopal)  
Ishi Kinen Aisen En (day nursery) Kita-nitto-cho, Tennoji-ku. (Congregational).  
Receiving Home for Women, 18 Uehon-machi, 8-chome, Tennoji-ku. (Japan Rescue Mission).  
Social Welfare Hall, Reijin-cho. Tennoji-ku.  
Kai Orphan Asylum. One of the larger orphanages in Japan.  
Shinkanjima Settlement, 7 of 3 Shinkanjima Odori, Konohana-ku. (Presbyterian).  
Shutokukan (Osaka prefectural reformatory). Cottage system. Agricultural program.  
Imamiya Gakuin (municipal school for the feeble minded).  
Osaka Yoro-in. (old people's home).  
Ohara Social Problems Research Institute.

b. Sakai-shi. Sakai-shi is divided into 4 welfare districts and is served by 64 volunteer social workers. There are 3 public children's institutions (capacity 210). One day nursery (capacity 85), one women's protective institution, and 2 public pawn shops. The following agency is identified:

Rescue Home for Women, Haze, Higashimozumura, (Japan Rescue Mission).

c. Kishiwada-shi. Kishiwada-shi is divided into 2 welfare districts served by 32 volunteer social workers. There are one

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public children's institution (capacity 85) 2 private children's institutions (capacity 98) and a public pawn shop.

d. Fuse-shi. Fuse-shi is divided into 4 welfare districts served by 45 volunteer social workers. There are 3 private children's institutions (capacity 180) and 2 public pawn shops.

e. Toyonaka-shi. Toyonaka-shi is served by 21 volunteer social workers operating from the central office. There are 3 private day nurseries (capacity 210).

f. Kaizuka-shi. Kaizuka-shi is served by 14 volunteer social workers operating from the central office. There are one public children's institutions (capacity 80), one private children's institutions (capacity 50) and 3 private day nurseries (capacity 150).

g. Suita-shi. The only information on Suita-shi is that there are 5 public pawn shops.

h. Kasuga-mura, Mishima-gun. The Naniwa Juvenile Home is located in this township.

2. Kinds of assistance.

a. Poor relief: for the aged and infirm over 65; children under 13; persons ill or disabled; maternity cases. Application is made through the volunteer social workers at the municipal and ward offices. Financial support:  $\frac{1}{2}$  national,  $\frac{1}{2}$  prefectural. Per capita relief expenditures in Osaka-fu are higher than those of any other prefecture in Japan.

b. Mothers' and children's relief: for children under 14 and supporting adults. Application is made through the volunteer social workers at the municipal and ward offices. Financial support:  $\frac{1}{2}$  national,  $\frac{1}{4}$  prefectural,  $\frac{1}{4}$  municipal. Making allowances for population differences Osaka-fu and Hyogo-ken (including Kobe) have the highest budgets for this kind of relief in Japan.

c. Veterans' relief: for incapacitated veterans and their dependents and for survivors of deceased military personnel. Application is made through the municipal offices of "The Information Service for Soldiers' Families." Financial support is entirely national.

d. Other services of the Welfare Section: removal of neglected children from their homes, recommendations for tax cancellation and provision for burial of indigents.

e. Minimum cost services: 7 public lodging houses, 66 public markets, one public dining hall, 17 public baths and

28 public pawn shops.

f. Institutions: 43 public children's institutions, 31 private children's institutions (4 receive government subsidies), 51 day nurseries (3 receive government subsidies), 4 institutions for adults (2 receive government subsidies), 9 personal consultation agencies, 22 settlements and 2 correctional institutions.

## F. EDUCATION

1. Educational System.

The educational policies and administration of all schools in Japan, (with the exception of naval and military schools, which are under the Navy and War Ministries, and a few other institutions under the jurisdiction of other government offices), are under the control of the Ministry of Education (Mombu-sho). These schools may be classified into 3 groups, according to the establishing authority, as follows:

- a. National Government schools.
- b. Public schools:
  - (1) Those established by prefectures.
  - (2) Those established by cities.
  - (3) Those established by towns and townships.
- c. Private schools.

Government schools are under the direct supervision of the Ministry of Education, which also supervises directly all schools of higher education, both public and private.

The prefectural government, through the Educational Affairs Section (Kyogaku-ka) in the Department of Internal Administration, is responsible to the national Ministry of Education for the supervision of all secondary and elementary schools in the prefecture, both public and private. The actual management of a school is the responsibility of the governmental unit which established it: national government, prefecture, city, town or township.

2. Elementary Schools.

In 1935 there were 286,049 boys and 271,758 girls of elementary school age (6 to 14 years) in the prefecture. Of this number 1,828 boys and 1,924 girls were exempted from attendance at school.

There were at this time 570 primary schools, including 233 ordinary elementary schools, (jinjo shogakko) and 337 higher elementary schools (jinjo koto sho gakko) including detached classes or branch schools (bunkyojo). There were 10,174 elementary school classes in the prefecture.

In 1935 there were 10,916 elementary school teachers in the prefecture or an average of 17.7 teachers per school, as follows:

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a. Regular elementary school teachers:	10,085
Ordinary:	8,922
Higher:	1,163
b. Teachers holding licenses for special subjects:	390
Ordinary:	251
Higher:	139
c. Assistant Teachers:	4
Ordinary:	4
Higher:	0
d. Substitute Teachers:	437
Ordinary:	352
Higher:	85

Table 88, below, lists public schools in 1935 in Osaka-fu, exclusive of vocational schools.

TABLE 88

Public Schools, 1935, Osaka-fu.  
(exclusive of vocational schools)

	Ordinary elementary schools (6 grades)	Ordinary higher elementary schools (8 grades)	Detached classes	Middle schools	Girls' high schools (T) = Technical
OSAKA-SHI					
Kita-ku	9	11	.	.	2
Konohana-ku	9	9	.	.	.
Higashi-ku	11	7	.	.	3
Nishi-ku	1	10	1	.	1
Minato-ku	18	7	.	1	1
Taisho-ku	4	7	.	.	1
Tennoji-ku	7	6	.	1	1
Minami-ku	11	8	.	.	1
Naniwa-ku	8	8	.	1	.
Nishiyodogawa-ku	4	13	.	.	.
Higashiyodgawa-ku	16	8	.	1	.
Higashinari-ku	18	2	.	1	1
Asahi-ku	9	6	.	.	.
Sumiyoshi-ku	15	10	.	2	1
Nishinari-ku	11	5	.	.	.

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	Ordinary elementary schools (6 grades)	Ordinary higher elementary schools (8 grades)	Detached classes	Middle schools	Girls' high schools (T) = Technical
SAKAI-SHI	16	11	.	1	2
KISHIWADA-SHI	5	9	.	1	1
TOYONAKA-SHI	6	1	.	1	3
FUSE-SHI	10	3	.	.	.
IKEDA-SHI	1	4	.	.	.
SUITA-SHI	6	1	.	.	.
IZUMIOTSU-SHI	3	2	.	.	.
KAIZUKA-SHI	1	1	.	.	.
MISHIMA-GUN					
Shimamoto-machi	.	1	.	.	.
Ibaraki-machi	1	1	.	1	.
Tomuda-machi	.	1	.	.	.
Sangamaki-mura	.	1	.	.	.
Goryo-mura	.	1	.	.	.
Abuno-mura	1	.	.	.	.
Mishima-mura	1	.	.	.	.
Ai-mura	1	.	.	.	.
Fukui-mura	1	.	.	.	.
Toyokawa-mura	.	1	.	.	.
Kasuga-mura	1	.	.	.	1
Miyake-mura	1	.	.	.	1
Tamakushi-mura	1	.	.	.	.
Mashita-mura	1	.	.	.	.
Yamada-mura	1	1	.	.	.
Shinden-mura	1	.	.	.	.
Suita-mura	3	.	.	.	.
Aju-mura	1	.	.	.	.
Torikai-mura	.	1	.	.	.
Miyama-mura	.	1	.	.	.
Kiyotani-mura	.	1	.	.	.
TOYONO-GUN					
Shonai-machi	.	1	.	.	.

	Ordinary elementary schools (6 grades)	Ordinary higher elementary schools (8 grades)	Detached classes	Middle schools	Girls' high schools (T) = Technical
Todoromi-mura	1	1	1	1	1
Minoo-mura	1	1	1	1	1
Kayano-mura	1	1	1	1	1
Nakateshima-mura	1	1	1	1	1
Minamiteshima-mura	1	2	1	1	1
Ozone-mura	2	1	1	1	1
Yoshikawa-mura	1	1	1	1	1
Higashinose-mura	1	1	1	1	1
Togo-mura	1	1	1	1	1
Utagaki-mura	1	1	1	1	1
Tajiri-mura	1	1	1	1	1
Nishinose-mura	2	1	1	1	1
IZUKITA-GUN (SEMBOKU)					
Takaishi-machi	1	2	1	1	1
Fukuizumi-machi	1	3	1	1	1
Izumi-machi	1	1	1	1	1
Tadaoka-machi	1	1	1	1	1
Mikita-mura	1	1	1	1	1
Niwatani-mura	1	1	1	1	1
Nishitoki-mura	1	1	1	1	1
Kuze-mura	1	1	1	1	1
Higashitoki-mura	1	1	1	1	1
Kitaikeda-mura	1	1	1	1	1
Kitamatsunoo-mura	1	1	1	1	1
Minamiikeda-mura	1	1	1	1	1
Yokoyama-mura	1	2	1	1	1
Minamimatsuo-mura	1	1	1	1	1
Yamataki-mura	1	1	1	1	1
Minamiyoko-yama-mura	1	1	1	1	1
IZUNAMI-GUN (SENNAN)					
Sano-machi	1	4	1	1	1 (T)
Tarui-machi	1	1	1	1	1
Ozaki-mura	1	1	1	1	1
Shindachi-machi	1	1	1	1	1
Fuke-mura	1	1	1	1	1
Tanakawa-machi	1	1	1	1	1
Kumatori-mura	1	1	1	1	1
Hineno-mura	1	1	1	1	1
Nagataki-mura	1	1	1	1	1

	Ordinary elementary schools (6 grades)	Ordinary higher elementary schools (8 grades)	Detached classes	Middle schools	Girls' high schools (T) = Technical
Kaminogo-mura	1	1	1	1	1
Otsuchi-mura	1	1	1	1	1
Tajiri-mura	1	1	1	1	1
Shinke-mura	1	1	1	1	1
Onoshindachi-mura	1	1	1	1	1
Higashitotori-mura	1	1	1	1	1
Nishitotori-mura	1	1	1	1	1
Shimonojo-mura	1	1	1	1	1
Tannowa-mura	1	1	1	1	1
Nishishindachi-mura	1	1	1	1	1
Narutaki-mura	1	1	1	1	1
Kyoshi-mura	1	1	1	1	1
MINAMIKAWACHI-GUN					
Tondabayashi-machi	1	1	1	1	1, (T)
Nagano-machi	1	3	1	1	1
Furuichi-machi	2	1	1	1	1
Kokubu-machi	1	1	1	1	1
Fujiidera-machi	1	1	1	1	1
Ishikawa-mura	1	1	1	1	1
Shinaga-mura	1	1	1	1	1
Yamada-mura	1	1	1	1	1
Shiraki-mura	1	1	1	1	1
Kawachi-mura	1	1	1	1	1
Naka-mura	1	1	1	1	1
Akasaka-mura	1	1	1	1	1
Chihaya-mura	1	1	1	1	1
Tako-mura	1	2	1	1	1
Mikaichi-mura	1	1	1	1	1
Kagata-mura	1	1	1	1	1
Amami-mura	1	1	1	1	1
Kawakami-mura	1	2	1	1	1
Minamiyashimo-mura	1	1	1	1	1
Kitayashimo-mura	1	1	1	1	1
Komagatani-mura	1	1	1	1	1
Nishiura-mura	1	1	1	1	1
Sayama-mura	1	1	1	1	1
Okusa-mura	1	1	1	1	1
Hikinoshio-mura	1	1	1	1	1
Noda-mura	1	1	1	1	1
Hirao-mura	1	1	1	1	1
Kuroyama-mura	1	1	1	1	1
Tannami-mura	1	1	1	1	1

	Ordinary elementary schools (6 grades)	Ordinary higher elementary schools (8 grades)	Detached classes	Middle schools	Girls' high schools (T) = Technical
Tambi-mura	1	1	1	1	1
Hanyu-mura	1	1	1	1	1
Takawashi-mura	1	1	1	1	1
Domyoji-mura	1	1	1	1	1
Shiki-mura	1	1	1	1	1
Tojo-mura	1	1	1	1	1
NAKAKAWACHI-GUN					
Hiraoka-machi	1	1	1	1	1
Tatetsu-machi	1	2	1	1	1
Yao-machi	1	3	1	1	1
Ryuge-machi	1	1	1	1	1
Kashihara-machi	1	2	1	1	1
Uriwari-mura	1	1	1	1	1
Amami-mura	1	1	1	1	1
Nunose-mura	1	1	1	1	1
Matsubara-mura	1	1	1	1	1
Miyake-mura	1	1	1	1	1
Ega-mura	1	1	1	1	1
Takayasu-mura	1	1	1	1	1
Minamitakayasu-mura	1	1	1	1	1
Kusaka-mura	1	1	1	1	1
Nawate-mura	1	1	1	1	1
Minogo-mura	1	1	1	1	1
Agata-mura	1	1	1	1	1
Yata-mura	1	1	1	1	1
Nishigori-mura	1	1	1	1	1
Wakae-mura	1	1	1	1	1
Kyuhoji-mura	1	1	1	1	1
Kami-mura	1	1	1	1	1
Tatsumi-mura	1	1	1	1	1
Taisho-mura	1	1	1	1	1
Akekawa-mura	1	1	1	1	1
KITAKAWACHI-GUN					
Hirakata-machi	1	6	1	1	1
Kadoma-machi	1	1	1	1	1
Sango-machi	1	1	1	1	1
Moriguchi-machi	1	1	1	1	1
Tsuda-machi	1	3	1	1	1
Suminodo-machi	1	1	1	1	1

	Ordinary elementary schools (6 grades)	Ordinary higher elementary schools (8 grades)	Detached classes	Middle schools	Girls' high schools (T) = Technical
Neyagawa-machi	1	1	1	1	1
Katano-machi	1	1	1	1	1
Niwakubo-mura	1	1	1	1	1
Owada-mura	1	1	1	1	1
Shinomiya-mura	1	1	1	1	1
Minamigo-mura	1	1	1	1	1
Futashima-mura	1	1	1	1	1
Mizumoto-mura	1	1	1	1	1
Hoshida-mura	1	1	1	1	1
Shijo-mura	1	1	1	1	1
Shijonawate-mura	1	1	1	1	1
Tawara-mura	1	1	1	1	1

3. Secondary Schools. (1935)

There were 19 boys' middle schools (chu-gakko) with 714 instructors and 18,866 students, of which 15 are located in Table 88.

There were 34 girls' high schools, with 1,005 instructors and 28,174 students of which 22 are located in Table 88. There were 96 technical schools classified as follows:

- a. 13 industrial schools, with 357 instructors and 6,883 students.
- b. 3 agricultural schools, with 35 instructors and 632 students.
- c. 33 commercial schools, with 734 instructors and 24,064 students.
- d. 47 trade schools, with 387 instructors and 10,544 students.

The locations of the following technical schools are known:

Sakai Prefectural Agricultural School, Daisen-cho, Sakai-shi.



Higashi Municipal Commercial School, Hirokojimachi, Higashi-ku, Osaka-shi.  
 Higashi Second Municipal Commercial School, Hirokojimachi, Higashi-ku, Osaka-shi.  
 Nishi-ku Municipal Commercial School, Nibancho, Kita-hoji, Nishi-ku, Osaka-shi.  
 Ikuei Commercial and Technical School, Higashi-no-cho, Unagidani, Minami-ku, Osaka-shi.  
 Ogi-cho Municipal Commercial School, Kita-ogi-cho, Kita-ku, Osaka-shi.  
 Ichioka Commercial School, Nishi-ichioka-cho, Minato-ku, Osaka-shi.  
 Minato Commercial School, 1-chome, Nishi-ichioka-cho, Minato-ku, Osaka-shi.  
 Tennoji Commercial School, Torigatsuji-cho, Tennoji-ku, Osaka-shi.  
 Tennoji Second Commercial School, Torigatsuji-cho, Tennoji-ku, Osaka-shi.  
 Sakai Commercial School, Kogaoka-cho, Sakai-shi.  
 Kishiwada Commercial School, Sakai-shi.  
 Ministry of Agriculture & Commerce Mechanics School, Neyagawa-machi, Kitakawachi-gun.  
 Toshima Municipal Technical School, 3-chome, Zengenji-cho, Kita-ku, Osaka-shi.  
 Toshima Second Technical School, 3-chome, Zengenji-cho, Kita-ku, Osaka-shi.  
 Municipal Technical School, 2-chome, Tamae-cho, Kita-ku, Osaka-shi.  
 Nishi-Noda Prefectural Mechanics School, 2-chome, Ohiraki-cho, Konohana-ku, Osaka-shi.  
 Sakaigawa Vocational School, 2-chome, Kujo-minami-dori, Minato-ku, Osaka-shi.  
 Sembu Second Technical School, Sembu-matsuno-cho, Taisho-ku, Osaka-shi.  
 Namba Prefectural Vocational School, Nishi-kanda-cho, Naniwa-ku, Osaka-shi.  
 Yodogawa Mechanics School, Hashitera-cho, Nishiyodogawa-ku, Osaka-shi.  
 Imamiya Prefectural Mechanics School, 3-chome, Nishiyajo, Nishinari-ku, Osaka-shi.  
 Municipal Industrial Arts School, Tennoji-cho, Sumiyoshi-ku, Osaka-shi.  
 Prefectural Mechanics School, Mimihara-cho, Sakai-shi.  
 Sakai Aviation School, Ohamaminami-cho, Sakai-shi.  
 Shutoku-Gakuin Prefectural Institute, Kashihara-machi, Nakakawachi-gun.

The locations of the following training schools are also known:

Fireman's Training School, Takao-cho, Minato-ku, Osaka-shi.

Fireman's Training School, Ikutama-mae-cho, Tennoji-ku, Osaka-shi.  
 Prefectural Ship's Officer Training School, 1-chome, Yojo-dori, Minato-ku, Osaka-shi.  
 Police Training School, Sekime-cho, Asahi-ku, Osaka-shi.  
 Osaka Railway School, Noe-cho, Asahi-ku, Osaka-shi.

#### 4. Special and Higher Schools.

a. Deaf, Dumb and Blind Schools. In 1935 there were 2 public blind schools, with 61 teachers and 478 students; and 2 deaf and dumb schools, with 45 teachers and 426 students, as follows:

Municipal School for the Blind, Minami-momotani-cho, Minami-ku, Osaka-shi.  
 Osaka Prefectural School for the Blind, 5-chome, Daido, Tennoji-ku, Osaka-shi.  
 Prefectural School for Deaf and Dumb, 3-chome, Higashimonodami-cho, Higashinari-ku, Osaka-shi.  
 Municipal School for Deaf and Dumb, 5-chome, Minamikuno-cho, Higashinae-ku, Osaka-shi.

b. Normal Schools. There were in the prefecture 3 normal schools, with 87 teachers and 1,544 students, as follows:

Tennoji Prefectural Normal School, Minamikawachori-cho, Tennoji-ku, Osaka-shi.  
 Osaka Prefectural Women's Normal School, Hiranonagare-cho, Sumiyoshi-ku, Osaka-shi.  
 Ikeda Prefectural Normal School, Ikeda-shi.

The Prefectural Training School for Young Men's School Instructors was located in Daisen-cho, Sakai-shi.

#### c. Higher Schools

(1) Osaka Government Foreign Language School, 8-chome, Kami-hommachi, Tennoji-ku, Osaka-shi, in 1939, had a faculty of 53 and 1,150 students; its library contained 43,773 volumes.

(2) Osaka Municipal Commercial University, Sugimoto-cho, Sumiyoshi-ku, Osaka-shi, in 1939, had 67 teachers and 776 students, and included a preparatory course; its library contained 230,120 volumes.

(3) Naniwa Government Higher School, Shibahara, Toyonaka-shi, in 1939, had 31 teachers and 680 students; its library contained 21,770 volumes.

(4) Osaka Government Higher School, 3-chome, Oji-cho,

Sumiyoshi-ku, Osaka-shi, in 1939, had 42 teachers and 450 students; its library contained 29,961 volumes.

(5) Women's Prefectural Technical College, Sumiyoshi-cho, Sumiyoshi-ku, Osaka-shi, in 1939, had 47 teachers and 360 students.

#### 5. Universities.

Osaka Imperial University, 4-chome, Nakanoshima, Kita-ku, Osaka-shi, in 1939, had a faculty of 206 and 1,363 students. The Medical Department was located near Taminobashi, Kita-ku, Osaka-shi; the Physical Science Department at 4-chome, Nakanoshima, Kita-ku, Osaka-shi and the Engineering Department at 9-chome, Higashinoda, Kita-ku, Osaka-shi. There was also an attached bacteriological laboratory. The university library contained 120,000 volumes.

#### 6. Young Mens' Schools.

In 1935 there were 448 young men's schools with 458 teachers and 54,197 students

#### 7. Private Schools.

There were 115 private schools in the prefecture in 1936 as follows:

- a. 9 similar to elementary schools with 73 teachers and 1,752 students.
- b. 2 similar to middle schools with 19 teachers and 385 students.
- c. 2 similar to girls' high schools with 57 teachers and 1,590 students.
- d. 3 similar to special schools with 71 teachers and 552 students.
- e. 98 business schools with 1,088 teachers and 17,228 students.
- f. One deaf, dumb and blind school with 4 teachers and 41 students.
- g. 39 various other schools with 425 faculty and 3,776 students.

The locations of the following private schools are known:

Uenomiya Middle School, Uenomiya-cho, Tennoji-ku, Osaka-

shi.  
Nippon University Osaka Middle School, Aikawa-cho, Higashi yodogawa-ku, Osaka-shi.  
Naniwa Middle School, Yamanouchi-cho, Sumiyoshi-ku, Osaka-shi.  
Soai Girls' High School, 4-chome, Hommachi, Higashi-ku, Osaka-shi.  
Yodonomizu Girls' High School, Nishijima-cho, Konohana-ku, Osaka-shi.  
Tennoji Girls' High School, 4-chome, Moto-machi, Tennoji-ku, Osaka-shi.  
Kinrankai Girls' High School, 1-chome, Hoe-kita, Nishi yodogawa-ku, Osaka-shi.  
Shin-ai Girls' High School, 3-chome, Furuichi-kita, Asahi-ku, Osaka-shi.  
Naniwa Girls' High School, Odomo-cho, Higashinari-ku, Osaka-shi.  
Meijo Girls' High School, Tennoji-machi, Sumiyoshi-ku, Osaka-shi.  
Second Otani Girls' High School, 2-chome, Kyoritsu-cho, Osaka-shi.  
Mikadozukayama Girls' High School, 3-chome, Mikadozukayama-naka, Osaka-shi.  
Sakai Aisen Girls' High School, Kurumano-cho, Higashi, Sakai-shi.  
Shoin Girls' High School, Hishiya, Fuse-shi.  
Senshin Girls' High School, Ikeda-shi.  
Hagoromo Girls' High School, Takaishi-machi, Izukita-gun.  
Shijonawate Girls' High School, Shijonawate-mura, Kitakawachi-gun.  
Seiwa Girls' High School, Yata-mura, Nakakawachi-gun.  
Teikoku Girls' High School, Sango-machi, Kitakawachi-gun.  
Seibo Girls' High School, Kitayashimo-mura, Minamikawachi-gun.  
Osaka Horticultural School, Ikeda-shi.  
Kuroyama Agricultural School, Kuroyama-mura, Minamikawachi-gun.  
Meisei Commercial School, Esashi-machi, Higashi-ku, Osaka-shi.  
Okura Commercial School, Joan-machi, Kita-ku, Osaka-shi.  
Osaka Foreign Trade School, Higashi-noda-machi, Kita-ku, Osaka-shi.  
Osaka Commercial School, 2-chome, Kami-fukushima-kita, Konohana-ku, Osaka-shi.  
Seiki Commercial School, Kaitsuka-cho, Naniwa-ku, Osaka-shi.  
Fukushima Commercial School, 2-chome, Hoe-kami, Nishi yodogawa-ku, Osaka-shi.  
Kansai Commercial and Technical School, Hommachi, Ohito, Nishiyodogawa-ku, Osaka-shi.

Second Commercial School, 2-chome, Nagatsuka-naka-dori, Higashiyodogawa-ku, Osaka-shi.  
 Naniwa Commercial School, Osumi-dori, Higashiyodogawa-ku, Osaka-shi.  
 Hokuyo Commercial School, Shimo-shinjo-cho, Higashiyodogawa-ku, Osaka-shi.  
 Kansai Commercial School, 2-chome, Haka-dori, Nagatsuka, Higashiyodogawa-ku, Osaka-shi.  
 Konohana Commercial School, Naka-dori, Nagatsuka, Higashiyodogawa-ku, Osaka-shi.  
 Kokoku Commercial School, 8-chome, Katsuyama-dori, Higashinari-ku, Osaka-shi.  
 Osaka Girls' Commercial School, Tennoji-machi, Sumiyoshi-ku, Osaka-shi.  
 Osaka Joto Commercial School, Okawaya, Fuse-shi.  
 Nisshin Commercial School, Mitsunose-cho, Fuse-shi.  
 Osaka Commercial and Technical School, Kishiwada-shi.  
 Keihan Commercial School, Moriguchi-machi, Kitakawachi-gun, Osaka-shi.  
 Osaka Women's Higher Commercial School, Jusan-higashinocho, Higashiyodogawa-ku, Osaka-shi.  
 Showa Higher Commercial School, Osumi-dori, Higashiyodogawa-ku, Osaka-shi.  
 Osaka Engineering School, 1-chome, Shimo-fukushima, Konohana-ku, Osaka-shi.  
 Sumitomo Mechanics Training School, Sakigake-cho, Minato-ku, Osaka-shi.  
 Kansai Technical School, Minamikata-cho, Higashiyodogawa-ku, Osaka-shi.  
 Kansai Higher Technical School, Minamikata-cho, Higashiyodogawa-ku, Osaka-shi.  
 Nippon University Technical School, Kowakae, Fuse-shi.  
 Sano Girls' Vocational School, Sano-machi, Izunami-gun.  
 Senriyama Girls' Vocational School, Suita-shi.  
 Sano Mechanics' Training School, Sano-machi, Izunami-gun.  
 Joto Mechanics' Training School, Tatetsu-machi, Naka-kawachi-gun.  
 Kansai University, 2-chome, Nagatsuka-naka-dori, Higashiyodogawa-ku, Osaka-shi; had 264 professors, 4,496 students and a library containing 44,603 volumes, in 1938. It had departments in law, literature, Economics and commerce. Kansai College, attached to the University, is located in Suita-shi.  
 Otani Women's Technical College, 3-chome, Kyoritsu-dori, Sumiyoshi-ku, Osaka-shi; had 30 teachers and 400 students, in 1938.  
 Oka Women's Technical College, Toyonaka-shi.  
 Soai Women's Technical College, 4-chome, Hommachi, Higashi-ku, Osaka-shi; in 1939 had 23 teachers and 400 students.  
 Nippon University College, Kowakae, Fuse-shi.

Shoin Women's Technical College, Hishiya, Fuse-shi; had 32 teachers and 1,000 students in 1938.  
 Osaka Higher Medical College, Takatsuki-shi.  
 Osaka Women's Medical College in 1939 had 41 teachers and 600 students.  
 Osaka Medical College, Hirakata-machi, Kitakawachi-gun; in 1939 had 32 teachers and 775 students; its library contained 2,091 volumes.  
 Teikoku Women's Pharmaceutical College, Kitayashimo-mura, Minamikawachi-gun; in 1939 had 28 teachers and 600 students.  
 Osaka Dental College in 1939 had 48 teachers and 600 students; its library contained 2,830 volumes.  
 Osaka Pharmacology College, Minami-tonsyama, Toyonaka-shi; in 1939 had 27 teachers and 450 students; its library contained 5,025 volumes.  
 Uiruma Girls' School, Nyuemon-cho, Higashi-ku, Osaka-shi.  
 Osaka Young Men's English Language School, 2-chome, Tosabori-dori, Nishi-ku, Osaka-shi.  
 Lumbus Girls' Institute, Itsugatsuji-cho, Tennoji-ku, Osaka-shi.  
 Osaka Shusei School, 5-chome, Daido, Tennoji-ku, Osaka-shi.  
 Kikka Girls' School, Sambo-cho, Sakai-shi.  
 Kansai Music Institute, 2-chome, Tokiwa-cho, Higashi-ku, Osaka-shi.  
 Osaka Womens Music School, 4-chome, Moto-cho, Higashi-ku, Osaka-shi.  
 Osaka Music School, Ajihara-cho, Higashi-ku, Osaka-shi.

8. Christian Schools.

a. Momoyama Chu gakko, a boys' middle school, sponsored by Nihon Seikokai (Episcopal); Naka, 3-chome, 5 Showa-cho, Sumiyoshi-ku, Osaka-shi.

b. Nippon Jiyu Methodist Shin gakko, a Theological school, sponsored by the general Mission Board of the Free Methodist Church of North America and Nihon Jiyu Mesojisuto Kyokai; 81, 1-chome, Maruyama-dori, Sumiyoshi-ku, Osaka-shi.

c. Lambuth Jo gakuin, Shin gakubu, a girls' Theological Training School for Christian workers, sponsored by the Board of Foreign Missions of the Methodist Episcopal Church, South and Nihon Mesojisuto Kyokai; Ishigatsuji-cho, Tennoji-ku, Osaka-shi.

d. Poole Koto Jo gakko, Bishop Memorial Girls' High School, sponsored by the Nihon Seikokai (Episcopal) and the Church Missionary Society; 5-chome, Katsuyama-dori, Higashinari-ku, Osaka-shi.

e. Wilmina Jo gakko, a girls' high school, sponsored by the Board of Foreign Missions of the Presbyterian Church in the United States; 515 Niemon-cho, Tamatsukuri, Higashi-ku, Osaka-shi.

f. Mead Eigo Ya gakko, Mead Christian Center English Night School, sponsored by the American Baptist Foreign Missionary Society; 50 Moto-imazato-cho, Minamidori; 1-chome, Higashiyodogawa-ku, Osaka-shi.

g. Osaka Eigo gakko, a night school, sponsored by the Board of Foreign Missions of the Methodist Episcopal Church, South; Tennoji, Saemon mae, Tennoji-ku, Osaka-shi.

h. Osaka Kirisutukyo Jushi Seinen gakuin, a girls' night school, sponsored by the Young Women's Christian Association; 13 Nishiogimachi, Kita-ku, Osaka-shi.

i. Baika Joshi Semmon gakko, a girls' college, sponsored by the American Board of Commissioners for Foreign Missions and the Nihon Kumiai Kirisuto Kyokai (Congregational); Todoroki-cho, Toyonaka-shi.

G. ASSOCIATIONS

Information on associations in Osaka-fu is discussed under five groups, as follows:

1. General Associations
2. General Economic Associations
3. Industrial Associations
4. Trade and Export Associations
5. Labor Unions

1. General Associations

- ASAHI SHIMBUN SHAKAIJIGYODAN (Social Work Department of the Asahi Newspaper Office), 3, Nakanoshima, Kita-ku, Osaka-shi.
- BISEIBUTSUBYO KENKYOJO (Bacteriological Research Institute), 12-9, Dojima Hama-dori, 2-chome, Kita-ku, Osaka-shi.
- KANSAI DAIGAKU GAKKAI (Kansai University Society), Senriyama, Osaka-shi. Membership: 43. Object: to encourage scientific studies.
- NIHON ADOVENTO KYOKAI (Japanese Adventist Church), 6, Tsurumibashi-dori, Nishinari-ku, Osaka-shi.
- NIHON JIYU MESOJISUTO KYOKAI (Free Methodist Church), 128, Senriyama-jutaku, Suita-shi.
- NIHON KUMIAI KIRISUTO KYOKAI (Congregational Church), 817 Daido Bldg., 1-chome, Tosabori-dori, Nishi-ku, Osaka-shi.
- NIPPON HOSYASEN IGAKUKAI (Societas Radiological Japonica), Institute of Physical Therapy, Osaka Imp. Univ., Osaka-shi. Membership: 600. Object: study of radiology.
- NOMURA SHO-GAKUKAI (The Nomura Institute for Promoting Scientific Research), 21, Bingo-machi, 2-chome, Higashi-ku, Osaka-shi.
- OSAKA CLUB, 5, Imabashi, Higashi-ku, Osaka-shi. Membership: 730.
- OSAKA HIFUBYO KENKYUKAI (The Osaka Research Institute of Skin Diseases), Faculty of Medicine, Osaka Imp. Univ., Osaka-shi.
- OSAKA IGAKUKAI (The Osaka Medical Society), Memorial Hall, Faculty of Medicine, Osaka Imp. Univ., Kita-ku, Osaka-shi. Publications: The Osaka Medical Society Journal (monthly).
- OSAKA JOZOGAKKAI (The Osaka Zymological Society), Dept. of Engineering, Osaka Imp. Univ., Kita-ku, Osaka-shi. Membership: 1,500. Object: to study the science of brewing.
- OSAKA-FU KOGEI KYOKAI (The Osaka Prefectural Society of Industrial Arts), Osaka Prefectural Office, Enokojima Ueinocho, Nishi-ku, Osaka-shi. Membership: 320.

OSAKA MAINICHI SHIMBUN SHAKAIJIGYO DAN (Social Work Department of the Osaka Mainichi), 2, Dojimaue, Kita-ku, Osaka-shi.

OSAKA SHOKA DAIGAKU KEIZAI KENKYUSHO (Institute for Economic Research, Osaka University of Commerce) Sugimoto-cho, Sumiyoshi-ku, Osaka-shi.

RUSSIAN IMMIGRANT FASCIST PARTY. This party is definitely pro-Japanese, fully supports the East Asia co-prosperity aims of Japan and its members often identify themselves with Japanese nationalism by taking part in various political and social demonstrations sponsored by Japan and Manchukuo. Main office: Harbin. Three district groups may be found in Tokyo-Yokohama, Kobe-Osaka and Nagasaki-shi.

TOKAI KAGAKU KENKYUJO (Research Institute of Disasters), Nakano-shima, 4-chome, Kita-ku, Osaka-shi.

TOYO KAGAKU KENKYUJO (The Institute for Fibre Research), Osaka Imp. Univ., Kita-ku, Osaka-shi.

SHIOMI RIKAGAKU KENKYUSHO (Shiomi Institute for Physical and Chemical Research), 1, Dojima Hama-dori, 3-chome, Kita-ku, Osaka-shi.

TEIKOKU ROMAJI KLUB (Imperial Romaji Club), 46/47, Kitahama, 4-chome, Higashi-ku, Osaka-shi. Object: to promote the writing of Japanese in Roman letters.

TOKUGAI NANGAIN (Tikugai Institute of the Southern School of Chinese Painting), 51, Osaka Shimono-cho, Teunoji-ku, Osaka-shi. Membership: 50.

ZENKOKU SUIHEI SHA (Federation of the Suiheisha ("water-level" or "Eta" people)), 22, Sakaecho, 4-chome, Naniwa-ku, Osaka-shi.

## 2. General Economic Associations.

DAI NIPPON RENGO HOKEN KYOKAI (Japan First Insurance Federation), Ohye Bldg., 9, Kinugasa-cho, Kita-ku, Osaka-shi.

FUMIN KYOKAI (Association for Enrichment of the Nation). Hagoromo, Takaishi-machi, Seuboku-gun, Osaka-fu. Object: improvement of agriculture and subsidiary occupations.

KANSAI NICHI-BEI KYOKAI (The Japan-America Society of Kansai), Sumitomo Bldg., 22, Kitahama, 5-chome, Higashi-ku, Osaka-shi. Est., 1922. Membership: 200. Object: to promote friendly relations between the peoples of Japan and America.

KANSAI NICHI-EI KYOKAI (The Japan-British Society of Kansai), c/o Osaka Mercantile S.S.Co., 1, Soze-cho, Kita-ku, Osaka-shi.

KINKI KANKO KYOKAI (Japan Welcome Society, Osaka Branch), Osaka Chamber Bldg., 2-chome, Dojima-hamadori, Kita-ku, Osaka-shi. Members: 250.

NANYO KYOKAI, OSAKA (South Seas Association, Kansai Branch), c/o Osaka Commercial Museum, Uchihon-machi Hashizume-cho, Higashi-ku, Osaka-shi.

NICHIDOKU KYOKAI (Deutsch - Japanischer Verein), Shiomi Institute for Physical & Chemical Research, Dojimahamadori, 3-chome, Kita-ku, Osaka-shi. Membership: 520. Object: Advancement of industry and enhancement of German and Japanese cultures.

NIPPON KENCHIKU KYOKAI (Japan Architecture Association), Asahi Bldg., Nakanoshima, Kita-ku, Osaka-shi. Est. 1917.

OSAKA CHAMBER OF COMMERCE AND INDUSTRY, Dojima-hama-dori, Kita-ku, Osaka-shi.

OSAKA CHINESE CHAMBER OF COMMERCE. In 1937 the Nan Pang and the Pei Pang Associations were amalgamated with the Chinese Chamber of Commerce. Operates the Chen Hua School of 60 students and 2 teachers.

OSAKA JITSUGYO KYOKAI (Osaka Business Association), 15, Nishinagahori, Kita-dori, 1-chome, Nishi-ku, Osaka-shi.

OSAKA KABUSHIKI TORIHIKISHO NAKAGAININ KUMIAI (Osaka Stock Exchange Brokers' Association), 9, Kitahama, 1-chome, Higashi-ku, Osaka-shi.

OSAKA-FU NOGYOKAI (Osaka Agricultural Association), Uchi-hommachi, Hashitsume-cho, Higashi-ku, Osaka-shi.

SAKAI CHAMBER OF COMMERCE & INDUSTRY, Sakai-shi.

SEIMEI HOKEN KAISHA KYOKAI, KANSAI BRANCH (Life Insurance Companies Association, Kansai Branch), Dojima Bldg., Dojima, Hama-dori 1-chome, Kita-ku, Osaka-shi.

## 3. Industrial Associations.

DAINIPPON BOSEKI RENGOKAI (The Japan Cotton Spinners' Association), Mengyokaikan, Bingomachi, 3-chome, Higashi-ku, Osaka-shi. Membership: 80 companies. Est. 1882.

KANSAI BECCHIN KORUTEN SENSHOKU KOGYOKUMIAI (The Kansai Velveteen & Corduroy Dyers' & Printers' Assn.), 15 Honjo-nakadori, 1-chome, Higashiyodogawaku. Members: 28. Rep.: Monju Shoichi.

KANSAI HYOJUN DENKYO KOGYOKUMIAI (Kansai Standard Electric Bulb Mfg. Assn.) 15 Naka 2-chome, Dojima, Kitaku. Members: 5. Rep.: Ushio K.

MINAMI KAWACHI ORIMONO KOGYOKUMIAI (Southern Kawachi Textile Mfg. Assn.) Tomita-hayashi-machi, Minamikawachi-gun. Members: 14. Rep.: Nishiwaki T.

NIPPON AEN TEPPAN KOGYOKUMIAI (Nippon Galvanized Iron Sheet Mfg. Assn.), 34 Nishino-machi, Enokojima, Nishiku. Members: 15. Rep.: Kawabata A.

NIPPON BOSHI KOGYOKUMIAI RENGOKAI (Nippon Federation of Hat Mfg. Assn.) 32 Edobori Minami-dori, 1-chome, Nishiku. Members: 2. Re.: Takahashi K.

NIPPON BOSHOKU MOKKAN KOGYOKUMIAI (The Japan Bobbin Mfg. Union)  
5 Kyomachibori-dori 4-chome, Nishiku. Members: 32.  
Rep.: Gonta E.

NIPPON CELLULOID BURASHI KOGYOKUMIAI (Nippon Celluloid Brush  
Mfg. Assn.) 5 Terada-machi, Tennojiku. Members: 57.  
Rep.: Matsuda S.

NIPPON CELLULOID UDEWA KOGYOKUMIAI (Nippon Celluloid Bangle  
Mfg. Assn.) 665 Oimazato-cho, Higashiku. Members: 20.  
Rep.: Inaba I.

NIPPON EXPORT LOOKING GLASS MANUFACTURERS' ASSOCIATION, 25,  
5-chome, Bakuromachi, Higashi-ku, Osaka-shi. Members: 31.

NIPPON FILAMENT KOGYOKUMIAI (Nippon Filament Industrial Assn.)  
c/o Daido Seimei Bldg., 1-chome, Tosabori-dori, Nishiku.  
Members: 4. Rep.: Ono Yoshio.

NIPPON GARASU HIKARIDAMA KOGYOKUMIAI (Nippon Glass Beads Mfg.  
Assn.) 949 Inari-cho, Naniwaku. Members: 83. Rep.: Ike-  
gami U.

NIPPON GARASU UDEWA KOGYOKUMIAI (Nippon Glass Bangle Mfg.  
Assn.) 15 Nishinagahori Kitabori, 1-chome, Nishiku.  
Members: 10. Rep.: Taniguchi Y.

NIPPON HOROTEKKI KOGYOKUMIAI RENGOKAI (Nippon Federation of  
Enamelled-ware Mfg. Assn.) 12 Kamihonmachisuji 3-chome,  
Minamiku. Members: 2. Rep.: Okamoto K.

NIPPON JINZOSHINJU GARASUDAMA KOGYOKUMIAI RENGOKAI (Nippon  
Federation of Imitation Pearl & Glass Beads Mfg. Assn.)  
24 Ichiban-cho, Takatsu-machi, Minamiku. Members: 2.  
Rep.: Yoneda J.

NIPPON JITENSHA KOGYOKUMIAI RENGOKAI (Nippon Federation of  
Bicycle Mfg. Assn.) 36 Kitakyutaro-cho 4-chome, Higashiku.  
Members: 5. Rep.: Sugiura U.

NIPPON MAHOBIN KOGYOKUMIAI (Nippon Thermos-Bottle Mfg. Assn.)  
935 Inari-cho 2-chome, Naniwaku. Members: 41. Rep.:  
Umemoto T.

NIPPON MENGYO CLUB (Japanese Cotton Producers' Club), 8 Bingo-  
machi, 3-chome, Higashi-ku, Osaka-shi. Est. 1928. Members:  
1855.

NIPPON MOFU KOGYOKUMIAI (Nippon Blanket Mfg. Assn.) 288 Shimo-  
jo, Otsu-machi. Members: 275. Rep.: Kakuno U.

NIPPON NIRYUKATANSO KOGYOKUMIAI (Japan Carbon-Gisulphide In-  
dustrial Assn.) 3 Dojima Hama-dori, 3-chome, Kitaku.  
Members: 23. Rep.: Oiwa Torakichi.

NIPPON TAORU KOGYOKUMIAI RENGOKAI (Nippon Federation of Towels  
Mfg. Assn.) Mengyokaikan, Bingo-cho, Higashiku. Members:  
8. Rep.: Ikedaya K.

NIPPON YOMO KOGYOKAI (Nippon Wool Industry Society), Nomura  
Bldg., Bingo-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON YOWAN HONE SEIZO KOGYOKUMIAI (Nippon Umbrella Rib Mfg.  
Assn.) 229 Nakahama-cho, Higashinariku. Members: 35  
Rep.: Furukawa Y.

NIPPON YUSHUTSU BURASHI KOGYOKUMIAI RENGOKAI (Nippon Federation  
of Export Brush Mfg. Assn.) Burashikaikan, 17 Ryogae-cho,  
Higashiku. Members: 4. Rep.: Maeyama K.

NIPPON YUSHUTSU CELLULOID KUSHI KOGYOKUMIAI (Nippon Export  
Celluloid Comb Mfg. Assn.) 665 Oimazato-cho, Higashina-  
riku. Members: 93. Rep.: Nishida B.

NIPPON YUSHUTSU JINZO-SHINJU GARASUDAMA KOGYOKUMIAI (Nippon  
Export Imitation Pearl & Glass Beads Mfg. Assn.) 24  
Ichiban-cho, Takatsu-machi, Minamiku. Members: 37.  
Rep.: Nishida Y.

NIPPON YUSHUTSU KAGAMI KOGYOKUMIAI (Nippon Export Mirror Mfg.  
Assn.), 25 Bakuro-cho 5-chome, Higashiku. Members: 41.  
Rep.: Mukumoto M.

NIPPON YUSHUTSU MERIYASU KOGYOKUMIAI RENGOKAI (Nippon Federa-  
tion of Export Hosiery Goods Mfg. Assn.) 142 Minami Kami-  
fukushima 3-chome, Konohanaku. Members: 10. Rep.:  
Fukushima E.

NIPPON YUSHUTSU ORIMONO SENSBUKU KOGYO KUMIAI RENGOKAI (Japan  
Export Textile Dyers' Guild), Senkoren Kaikan, 26, Hon-  
machi, 2-chome, Higashi-ku, Osaka-shi.

NISHI NIPPON BOSHI KOGYOKUMIAI (Western Nippon Hat Mfg. Assn.).  
32 Edobori Minami-dori 1-chome, Nishi-ku. Members: 49.  
Rep.: Takahashi S.

OSAKA CELLULOID BRUSH KOGYO KUMIAI (Osaka Celluloid Brush  
Manufacturers' Association), 5, Terada-machi, Tennoji-ku,  
Osaka-shi.

OSAKA CELLULOID GANGU KOGYOKUMIAI (Osaka Celluloid Toys Mfg.  
Assn.) 9 Ikaino-Oh-dori 2-chome, Higashinariku. Members:  
27. Rep.: Muro B.

OSAKA CELLULOID KIJI KOGYOKUMIAI (Osaka Celluloid Sheet Mfg.  
Assn.) 31 Fudegasaki-machi, Tennojiku, Members: 6.  
Rep.: Ogishi Y.

OSAKA EMPITSU KOGYOKUMIAI (Osaka Pencil Mfg. Assn.) 17  
Minamikyutaro-machi 1-chome, Higashi-ku. Members: 37.  
Rep.: Fukui S.

OSAKA GOMU KOGYOKUMIAI (Osaka Rubber Industrial Assn.) 2-53  
Higashino-cho, Kohashi, Higashiku. Members: 76.  
Rep.: Namikawa T.

OSAKA HANDKERCHIEF KAKO KOGYOKUMIAI (The Osaka Handkerchief  
Mfg. Assn.) 20 Kawara-machi 3-chome, Higashiku.  
Members: 90. Rep.: Mori Suteziro

OSAKA HONESEI BURASHI KOGYOKUMIAI (Osaka Bone Brush Mfg. Assn.)  
1 Ikaino Higashi 4-chome, Higashiku. Members: 41.  
Rep.: Toyama T.

OSAKA KOGYO SHIKENJO, (Osaka Imperial Industrial Laboratory),  
Daini-nishi, 2-chome, Nishiyodogawa-ku, Osaka-shi.

OSAKA INSATSU INK KOGYOKUMIAI (Osaka Printing Ink Mfg. Assn.)  
c/o Osaka Insatsu Ink K.K., Kawara-machi, 1-chome,  
Higashiku. Members: 29. Rep.: Miki T.

OSAKA JOTO ORIMONO KOGYOKUMIAI (Osaka Joto Textile Industrial  
Assn.) 33 Ohmiya-machi 1-chome, Asahiku. Members: 12.  
Rep.: Okumura S.

OSAKA KANAMONO DOGYO KUMIAI (Osaka Hardware Manufacturers' Association), 12, Uehon-machi, 3-chome, Minami-ku, Osaka-shi.

OSAKA KANZUME DOGYO KUMIAI (Osaka Food Canners' Association), 114, Sugawara-cho, Kita-ku, Osaka-shi.

OSAKA KESHO BURASHI KOGYOKUMIAI (Osaka Toilet Brush Mfg. Assn.) 112 Yoshino-cho 1-chome, Konohanaku. Members: 52. Rep.: Hayamizu J.

OSAKA KOGYO BURASHI KOGYOKUMIAI (Osaka Mfg. Assn. of Brushes for Industrial Use.) 200 Kobayashi-cho, Taishoku. Members: 4. Rep.: Maeyama K.

OSAKA KOGYOKAI (The Osaka Industrial Association), Daido Bldg., Tosabori-dori, 1-chome, Nishi-ku, Osaka-shi. Members: 800/

OSAKA KOKEN KYOKAI (Osaka Research Association of Productive Industries), c/o Osaka Municipal Industrial Research Institute, Kitaogi-machi, Kita-ku, Osaka-shi. Members: 390.

OSAKA MERIYASU SARASHISOME KOGYOKUMIAI (Osaka Hosiery Bleaching Industrial Assn.). 591 Shimoshinsho-mach, Higashiyodogawaku. Members: 17. Rep.: Ida T.

OSAKA MERIYASU-BOSHI KOGYOKUMIAI (Osaka Knit-caps Mfg. Assn.) 291 Kamifukushima Minami 1-chome, Konohanaku. Members: 42.

OSAKA MOKUZAI KYOKAI (Osaka Timber Association), 136, Chishima-cho, Taisho-ku, Osaka-shi.

OSAKA SANGYO CHOSAKAI (The Osaka Industrial Research Society), Osaka Prefectural Office, Osaka-shi.

OSAKA SENSHOKU KOGYOKUMIAI (Osaka Dyers' & Finishers' Assn.) 15 Honojo-Naka-cori, 1-chome, Higashi-yodogawaku. Members: 49. Rep.: Ishii Kasaburo.

OSAKA SENTAKU SEKKEN KOGYOKUMIAI (Osaka Washing Soap Mfg. Assn.). Ohye Bldg., Kinugasa-cho, Kitaku. Members: 38. Rep.: Matsubara I.

OSAKA TAORU KOGYOKUMIAI (Osaka Towels Mfg. Assn.) 6/899 Sano-machi, Sennan-gun. Members: 121. Rep.: Kaneda T.

OSAKA YUSHUTSU DENKYO KOGYOKUMIAI (Osaka Export Electric Bulb Industrial Assn.) 26, Daini Higashi-machi, 1-chome, Nishi Yodogawaku, Osaka. Members: 27. Rep.: Kishimoto I.

OSAKA YUSHUTSU HIFUKU KOGYOKUMIAI (Osaka Export Clothes Mfg. Assn.) 20 Kawara-machi, 3-chome, Higashiku. Members: 142. Rep.: Aota Katsuharu.

OSAKA YUSHUTSU MERIYASU KOGYOKUMIAI (Osaka Export Hosiery Mfg. Assn.) 142 Minami Kamifukushima, Konohanaku. Members: 372. Rep.: Fukushima E.

OSAKAFU GARASU KOGYOKUMIAI (Osaka Pref. Glass Mfg. Assn.) 88 Umegae-cho, Kitaku. Members: 106. Rep.: Tokunaga Y.

OSAKA-FU HIRAORI DANTSU KOGYOKUMIAI (The Osaka-fu Cotton Rug

Mfg. Assn.), 2-21 Higashi 2-chome Nakano-cho, Sakai. Members: 335. Rep.: Yamano G.

OSAKAFU JINKEN ORIMONO KOGYOKUMIAI (Osaka Pref. Rayon Textile Industrial Assn.) 1607 Okada, Nishishidate-mura. Sennan-gun. Members: 105. Rep.: Okada S.

OSAKAFU JITENSHA KOGYOKUMIAI (Osaka Pref. Bicycle Mfg. Assn.) 3 Kushiya-cho, Sakai. Members 365. Rep.: Takagi K.

OSAKAFU MENNERU KOGYOKUMIAI (Osaka Pref. Cotton Flannel Mfg. Assn.) 501 Noda-machi, Ishiwada. Members: 57. Rep.: Tamura T.

OSAKAFU SHIROMOMEN KOGYOKUMIAI (Osaka Textile Mfg. Assn.). Hamadera-cho. Members: 141. Rep.: Nakai Rikitaro.

OSAKAFU TAISHAKUFU KOGYOKUMIAI (Osakafu Imitation Native Cotton Cloth Mfg. Assn.) 509 Noda-machi, Kishiwada. Members: 19. Rep.: Nogami Benzo.

SEIHO HORO TEKKI KOGYOKUMIAI (Western Nippon Enamelled-Ware Mfg. Assn.) 12 Kamihon-machi-suji 3-chome, Minami-ku. Members: 31. Rep.: Itoh I.

SENNANGUN CHUO MEN-ORIMONO KOGYOKUMIAI (Sennangun Central Cotton Textile Mfg. Assn.) 1249 Sano-machi, Sennan-gun. Members: 22. Rep.: Terada H.

SENGOKUGUN DAIKKU ORIMONO KOGYOKUMIAI (Sengokugun First District Textile Industrial Assn.) Fukusen-machi, Senhokugun. Members: 15. Rep.: Nakai R.

SENHOKUGUN DAINIKU ORIMONO KOGYOKUMIAI (Senhokugun Second District Textile Industrial Assn.) Fukuda, Higashitoki-mura. Members: 12; Rep.: Mizohata S.

SENHOKUGUN DAISANKU ORIMONO KOGYOKUMIAI (Senhokugun Third District Textile Industrial Assn.) Izumi-machi, Senhokugun. Members: 23. Rep.: Yokota T.

SENHOKUGUN DAISHIKU NANBU ORIMONO KOGYOKUMIAI (Senhokugun Fourth District Southern Textile Industrial Assn.) Kitamatsuo-mura, Senhokugun. Members: 30. Rep.: Osugi K.

SENHOKUGUN DAISHIKU TOBU ORIMONO KOGYOKUMIAI (Senhokugun Fourth District Eastern Part Textile Mfg. Assn.) Ikedashimo, Kitaikeda-mura. Members: 23. Rep.: Sugimoto T.

SENHOKUGUN ORIMONO KOGYOKUMIAI RENGOKAI (Senhokugun Federation of Textile Industrial Assn.) 2-984 Shimo, Hamadera. Members: 21. Rep.: Nakai R.

SENNANGUN SHIMA MENPU KOGYOKUMIAI (Sennangun Stripped Cotton Piece-goods Mfg. Assn.) 928 Sanno-machi, Sennan-gun. Members: 100. Rep.: Yamashita K.

ZEN NIPPON BOSHOKU MOKKAN KOGYOKUMIAI RENGOKAI (The Japan Federation of Bobbin Mfg. Unions.) 5 Kyomachibori-dori 4-chome, Nishiku. Members 2, Rep.: Gonta E.

4. Trade and Export Associations

ASSOCIATION COMMERCIALE JAPONAISE DES PAYS DANUBIENS BALKANIQUES ET DU PROCHE-ORIENT (The Near Eastern Commercial Association), Kinto Boeki Kyokai--c/o Osaka Chamber of Commerce

& Industry, Dojima, Hama-dori, 2-chome, Kita-ku, Osaka-shi. Members: 155.

ASSOCIATION EXPORTADORA OCCIDENTAL DEL JAPAN PARA LA AMERICA DEL SUR, SEIBU NIHON NANBEI YUSHUTSU KUMIAI (West Japan-South America Exporters' Association), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi. Members: 89.

CHUBUNIPPON MENSEIHIN YUSHUTSU KUMIAI (Middle Japan Cotton Goods Exporters' Association), Senkoren Kaikan, 26, Uchi-hon-machi, 2-chome, Higashi-ku, Osaka-shi.

HANSHIN NANYO BOEKI KYOKAI (West Japan-South Seas Traders' Association), 15, Nishi Nagahori Kita-dori, 1-chome, Nishi-ku, Osaka-shi.

JAPO-AFRICA MANUFACTURERS' EXPORT ASSOCIATION, Izumi Bldg., 13, 4-chome, Kitahama, Higashi-ku, Osaka-shi. Members: 18.

KEIHAN ZAKKA HOKUBEI YUSHUTSU KUMIAI (Kyoto-Osaka General Goods Exporters' Association for North America), 17, Ryogae-machi, 1-chome, Higashi-ku, Osaka-shi.

KINKI AFRICA KINTO YUSHUTSUKUMIAI, 45 Awaza Naka-dori, 1-chome, Nishi-ku, Osaka-shi. Members: 41.

NIPPON BECCHIN KORUTEN YUSHUTSU KUMIAI (Japan Velveteen & Corduroy Exporters' Association), Uchi-hon-machi, Hashizume-cho, Higashi-ku, Osaka-shi.

NICHO BOEKI KYOKAI (Czecho-Japanese Trade Association), c/o Osaka Chamber of Commerce & Industry, Dojima Hama-dori, 2-chome, Kita-ku, Osaka-shi.

NIPPON BRUSH YUSHUTSU KUMIAI (Japan Brush Exporters' Guild), 17, Ryogae-cho, 1-chome, Higashi-ku, Osaka-shi.

NIPPON CHUNANBEI YUNYU KUMIAI (Japan Importers' Association for Latin America), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON CHUNAMBEI YUSHUTSU KUMIAI RENGOKAI (Federation of Japan Exporters' Associations for Latin America), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON FELT BOSHI YUSHUTSU KUMIAI (Japan Felt Hat Exporters' Association), 32, Kyomachibori Minami-dori, 1-chome, Nishi-ku, Osaka-shi.

NIPPON FELT FUHAKU BOSHI YUSHUTSU KUMIAI RENGOKAI (Federation of Japan Felt & Cloth Hat Exporters' Association), 32, Kyomachibori Minami-dori, 1-chome, Nishi-ku, Osaka-shi.

NIPPON GAYASU SEIHIN YUSHUTSU KUMIAI (Japan Glassware Exporters' Assn.), 1, Imabashi, 2-chome, Higashi-ku, Osaka-shi. Members: 320.

NIPPON GENHI YUNYU KUMIAI (Japan Hide & Skin Importers' Association), 10, Nishi Nagahori Kita-dori, 4-chome, Nishi-ku, Osaka-shi.

NIPPON GOMU SEIHIN YUSHUTSU KUMIAI (Japan Rubber Goods Exporters' Association), 28, Bingo-machi, 3-chome, Higashi-ku, Osaka-shi.

NIPPON HORO TEKKI YUSHUTSU KUMIAI (Japan Enamel-Ware Exporters' Association), 12 Uehon-machi, 3-chome, Minami-ku, Osaka-shi. Members: 7.

NIPPON ITOZOME MEN-SARON YUSHUTSU KUMIAI (Japan Cotton Dyed Yarn Sarong Exporters' Association), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON JINKEN RENGOKAI (Japan Rayon Association), Asahi Bldg., 3 Nakanoshima, 3-chome, Kita-ku, Osaka-shi. Members: 20 companies.

NIPPON JINZO SHINJU GARASUDAMA YUSHUTSU KUMIAI (Japan Artificial Pearl & Glass Beads Exporters' Assn.), 43 Ishigatsujicho, Tennoji-ku, Osaka-shi. Members: 13.

NIPPON JITENSHA YUSHUTSU KUMIAI (Japan Cycle Exporters' Assn), Osaka Jitsugyokypkai Bldg., 15 Kita-dori, 1-chome, Nishinagahori, Nishi-ku, Osaka-shi. Members: 147.

NIPPON KEITO YUSHUTSU KUMIAI (Nippon Woolen Yarn Exporters' Association), Uchi-hon-machi, Hashizume-cho, Higashi-ku, Osaka-shi.

NIPPON KEORIMONO YUSHUTSU KUMIAI (Nippon Woolen Textile Exporters' Assn.), Uchi-hon-machi, Hashizume-cho, Higashi-ku, Osaka-shi. Members: 212.

NIPPON KINU JINKENSHIFU YUSHUTSU KUMIAI RENGOKAI (Federation of Japan Silk & Rayon Textiles Exporters' Associations), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON MENKA DOGYO KAI (Japan Cotton Merchants' Union), Mengyokaikan, Bingo-machi, Higashi-ku, Osaka-shi. Membership: 106.

NIPPON MENORIMONO YUSHUTSU SHINKO KUMIAI (Japan Cotton Textile Exporters' Association), Mengyo Kaikan, 8, Bingo-machi, 3-chome, Higashi-ku, Osaka-shi.

NIPPON MENSIFU AMERIKA YUSHUTSU KUMIAI (Japan Cotton Yarn & Piece Goods Exporters' Assn. for America), 26 Hon-machi, 2-chome, Higashi-ku, Osaka-shi. Members: 281.

NIPPON MENSIFU INDO YUSHUTSU KUMIAI (Japan Cotton Textile Exporters' Assn. for India), Mengyo Kaikan, 8, Bingo-machi, 3-chome, Osaka-shi. Members: 175.

NIPPON MENSIFU NANYO YUSHUTSU KUMIAI (Japan Cotton Textile Exporters' Assn. for the South Seas). Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi. Members: 148.

NIPPON MENSIFU OAKINTO YUSHUTSU KUMIAI (Japan Cotton Yarn & Piece Goods Exporters' Assn. for Europe, Africa & Near East), 26 Hon-machi, 2-chome, Higashi-ku, Osaka-shi. Members: 274.

NIPPON MENSIFU TAIYOSHU YUSHUTSU KUMIAI (Japan Cotton Yarn & Piece Goods Exporters' Association for Australia), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON MENSIFU TOA YUSHUTSU KUMIAI (Japan Cotton Yarn and Piece



Goods Exporters' Assn. for East Asia), 26 Hon-machi, 2-chome, Higashi-ku, Osaka-shi. Members: 136.

NIPPON MENSHEFU YUSHUTSU KUMIAI RENGOKAI (Federation of Japan Cotton Yarn & Piece Goods Exporters' Association), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON MOPU SHIKIFU YUSHUTSU KUMIAI (Japan Blanket & Bed Cover Exporters' Association), 64, Awabori-dori, 1-chome, Nishi-ku, Osaka-shi.

NIPPON PHILIPPINE MERIYASU YUSHUTSU KUMIAI (Japan-Philippine Hosiery Exporters' Assn.), 21, Tosabori-dori, 1-chome, Nishi-ku, Osaka-shi. Members: 66.

NIPPON SEKKEN YUSHUTSU KUMIAI (Japan Soap Exporters' Association), Sangyo Kaikan, Hommachibashi, Higashi-ku, Osaka-shi.

NIPPON STEPURU FAIBA YUSHUTSU KUMIAI (Japan Staple Fibre Exporters Association), Abeichi Bldg., Minami Kyutaro-machi, 2-chome, Higashi-ku, Osaka-shi.

NIPPON TOWEL YUSHUTSU KUMIAI (Japan Towel Exporters' Association), 28, Bingo-machi, 3-chome, Higashi-ku, Osaka-shi.

NIPPON SAKKA INDO YUSHUTSU KUMIAI RENGOKAI (Federation of Japan General Goods Exporters' Association for British India), 20, Kawara-machi, 3-chome, Higashi-ku, Osaka-shi.

NITTO BOEKI KYOKAI (Turkish-Japanese Traders' Association), c/o Osaka Chamber of Commerce & Industry, Dojima Hamadori, 2-chome, Kita-ku, Osaka-shi. Members: 101.

OSAKA AFRICA YUSHUTSU KUMIAI (Osaka Africa Exporters' Association), Oita-Bldg., 7, Minami Kyuhoji-machi, 4-chome, Higashi-ku, Osaka-shi.

OSAKA AO-KUDAMONO SHOGYO KUMIAI (Osaka Greens and Fruit Commercial Union), Shimo-Fukushima, 3-chome, Fukushima-ku, Osaka-shi.

OSAKA BAIYAKU DOGYO KUMIAI (Osaka Drug Merchants' Association), 1, Kozu Kitano-machi, Tennoji-ku, Osaka-shi.

OSAKA BALKAN KINTO YUSHUTSU KUMIAI (Osaka Balkan Near-East Exporters' Association), 29, Tosabori-dori, 2-chome, Nishi-ku, Osaka-shi. Members: 28.

OSAKA BOEKI DOMEIKAI (Osaka Traders Union), Oita Bldg., Minami Kyuhoji-machi, 4-chome, Higashi-ku, Osaka-shi.

OSAKA BOEKI KYOKAI (Osaka Foreign Trade Association), Osaka Chamber of Commerce and Industry, Dojima-Hamadori, 2-chome, Kita-ku, Osaka-shi. Members: 63 companies.

OSAKA CHU NANBEI YUSHUTSU KUMIAI (Osaka Latin America Manufacturers' Exporting Assn.), 37, Horigami-dori, Kyo-machi, 1-chome, Nishi-ku, Osaka-shi.

OSAKA DOJIMA BEIKOKU TORIHIKISHO IPPAN TORIHIKI-IN KUMIAI (Osaka Rice Exchange Brokers' Association), 3/94, Dojima Hamadori, 1-chome, Kita-ku, Osaka-shi.

OSAKA HAT EXPORTERS' ASSN. 32 Kyo-machibori-dori, 1-chome, Nishi-ku, Osaka-shi. Members: 56.

OSAKA HIRYOSHO KUMIAI (Osaka Fertilizer Merchants' Guild), 2, Utsubo Naka-dori, 3-chome, Nishi-ku, Osaka-shi.

OSAKA-FU HYOGO-KEN KANTEN SUISAN KUMIAI (Osaka-fu, Kyoto-fu, & Hyogo-ken Isinglass Manufacturers' & Merchants' Assn.), 30, Edobori Minami-dori, 2-chome, Nishi-ku, Osaka-shi.

OSAKA JITSUGYO KUMIAI RENGOKAI (Federation of Osaka Commercial Societies), Jitsugyokaiken, Higashi-ku, Osaka-shi.

OSAKA KASHO SHOKAI (Chinese Merchants' Association of Osaka), 211, Nibancho, Honda, Nishi-ku, Osaka-shi.

OSAKA KESHOHIN SHOHOSHA (Osaka Toilet Article Merchants' Assn.), 5, Bakuro-machi, 2-chome, Higashi-ku, Osaka-shi.

OSAKA KINUJINKEN ORIMONO YUSHUTSU KUMIAI (Osaka Silk & Rayon Textile Exporters' Association), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

OSAKA MANMO YUSHUTSU KUMIAI (Osaka Manchuria & Mongolia Exporters' Association), c/o Jitsugyo Kaikan, Uchihon-machi, Hashizumecho, Higashi-ku, Osaka-shi.

OSAKA MANSEN BOEKI SHO DOGYO KUMIAI (Osaka Manchuria & Chosen Traders' Association), 1/4, Kita Horie Kami-dori, 4-chome, Nishi-ku, Osaka-shi.

OSAKA MENPU JINKEN ORIMONO DOMEIKAI (Osaka Cotton & Rayon Textile Merchants' Association), Senkoren Kaikan, 26, Hon-machi, 2-chome, Higashi-ku, Osaka-shi.

OSAKA NANYO ZAKKA YUSHUTSU KUMIAI (Osaka General Goods Exporters' Association for N.E.I.), 20, Kawara-machi, 3-chome, Higashi-ku, Osaka-shi.

OSAKA SANPIN TORIHIKISHO NAKAGAININ KUMIAI (Osaka Sanpin Torihikisho Brokers' Guild), 15, Kita Kyutaro-machi, 3-chome, Higashi-ku, Osaka-shi.

OSAKA SEIKA KABUSHIKI KAISHA (Osaka Greens and Fruit Co., Inc.) Shimo-Fukushima, 3-chome, Fukushima-ku, Osaka-shi. This is a member of the organizing committee of the control association set up by the Government for Agriculture.

OSAKA SUIRIKUSAN SHOKURYOHIN YUSHUTSU KUMIAI (Osaka Makers' of Provisions Export Assn.), 30, Edobori-Minami-dori, 2-chome, Nishi-ku, Osaka-shi. Members: 31.

OSAKA TETSU-SHO DOGYO KUMIAI (Osaka Iron Merchants' Guild), Shinmachi Bldg., 5, Shinmachi-dori, 4-chome, Nishi-ku, Osaka-shi.

OSAKA TOA YUSHUTSU KUMIAI (Osaka Exporters Association for East-Asia). 12, Dojima Hamadori, 2-chome, Kita-ku, Osaka-shi. Members: 263.

OSAKA TOJIKI YUSHUTSU KUMIAI (Osaka Pottery Exporters' Assn.), 45, Awaza-Naka-dori, 1-chome, Nishi-ku, Osaka-shi. Members: 87.

OSAKA YUSHUTSU KYOKAI (Exporters Association of Osaka), Osaka Municipal Office, Kita-ku, Osaka-shi. Members: 58.

OSAKA YUSHUTSU MENSHEI DOGYOKAI (Export Cotton Yarn & Cloth Merchants' Association), Mengyo Kaikan, 8, Bingo-machi, 3-chome, Higashi-ku, Osaka-shi.  
 OSAKA ZAKKA INDO YUSHUTSU KUMIAI (Osaka General Goods Exporters' Association for British India), 13, Minami Kyutaro-machi, 1-chome, Higashi-ku, Osaka-shi.

5. Labor Unions.

KANGYO RODO SODOMEI (Federation of Government Employees Trade Unions), 860 Ecchumachi, Higashi-ku, Osaka-shi, Est.: 1924. Membership: 8 unions with 18,783 members.  
 Dir.: Ukichi Nishiura.  
 NIPPON RODO SORENMEI (League of Japan Trade Unions), 73 Aioichi, Kita-ku, Osaka-shi. Est.: 1922. Membership: 14 unions.  
 Dir.: Shinichi Yagi.  
 ZENKOKU NOMIN KUMIAI (All Japan Farmers' Union), 663 Morikoji, Asahi-ku, Osaka-shi. Est.: 1928. Dir.: Motojiro Sugiyama.

H. CULTURAL INSTITUTIONS.

1. Temples and Shrines.

a. Osaka-shi Temples. Tennoji Temple (Shi-Tennoji), Tennoji-ku. This is one of the most important temples in Japan from the historical viewpoint, since it is said to have been founded in 587 A.D. by Prince Shutoku, and is thus contemporaneous with Horyu-ji near Nara. Present buildings date from 1812. The Treasure-house (Kuginashido) was renovated by Hideyoshi and has some fine carvings. It contains some relics associated with Prince Shotoku, including a copy of the Hokekyo scriptures made by his hand, and a gilded copper Buddha said to have been presented to the temple by the King of Korea over 1,000 years ago. The temple is most famous for its 156-ton bronze bell, some 26 feet high and 34 feet in circumference, believed to be among the largest in the world.

Nishi Honganji, this large temple has excellent carvings and metal work, as well as the spacious design associated with the temples of this sect.

Hokoku-Jinsha, Minami-ku. This temple is dedicated to Hideyoshi, and contains many Okne lanterns believed to have been brought from Korea by Hideyoshi's generals.

Temman-Gu. This is an ancient Shinto shrine founded in 949 A.D. and dedicated to Michizane Sugiyama. The present buildings are all modern.

Daiyu-ji. This Buddhist temple, founded by Kobo Daishi, contains the tomb of the consort of Hideyoshi.

Dozu-Jinsha, Koze-Ichiban-cho. This shrine dedicated to the Emperor Nintoku was founded in 1768.

Ikutama-Jinsha, Tennoji-ku. This shrine stands on the former site of the castle. It was reconstructed in 1914. The site is very attractive in the spring because of its cherry blossoms and its fine views overlooking the city.

Sumiyoshi-jinsha, Sumiyoshi-ku. This popular Shinto Shrine is dedicated to the gods of the Sea and, as such, is greatly revered by fishermen. It contains many stone lanterns given by those interested in ships.

Higashi Honganji. This temple is a splendid example of the best Buddhist architecture, and its interior, supported by splendid upright columns sheathed in gold foil,

is very effective.

Tesumura Betsuin Temple (Kita Mido), Azuchi-machi. This is a branch temple of the famous Nishi-Honganji in Kyoto and was founded in 1597 by Junnyo-Shonin. The temple was used by Ieyasu as headquarters for the Eastern Army during the siege of Osaka Castle.

Namba-Betsuin (Minami-Mido), Minami-ku, located near Kita Mido. This is a branch temple of the Higashi-Honganji at Kyoto.

b. Temples in other localities. Kansin-Ji, S. of Osaka-shi. The Hondo (inner temple) of this temple is a famous example of the eclectic style of the Kamakura period. The temple contains many fine wooden figures of the ninth century. The most famous of them is kept from sight except on special occasions.

Take-Migumari-Jinsha, S.E. of Osaka-shi. The Honden (inner shrine) of the temple is a good specimen of the architecture of the Muromachi period. In all, there are 3 wooden shrines of this period inside.

Kongo-Ji Monastery, S.E. of Osaka-shi. The main hall, several small buildings and the belltower date from 1606 and are important architectural relics.

Myokoku-Ji, Sakai-shi. This temple is famous as the spot where in 1868 samurai committed suicide by imperial order in reprisal for the killing of French marines. In all, 20 samurai were ordered to commit hara-kiri, but after all had done so, French officers successfully intervened for the remainder. Within the temple compound is found a huge tree, a cycad (Sotetsu) over 400 years of age, reputed to be the largest of the palm family in Japan.

Nose Myoken, a famous Buddhist temple on the summit of Mt. Myoken (2,053 feet high), reached via Nose Electric Railway from Ikeda.

Kotsumi Kwannon, Kumatori-mura. A temple dedicated to Kwannon, containing many national treasures.

Negoro-dera, 5 miles east of Kii Station on Hanwa Electric Line. Noted for a pagoda like reliquary built in 1129, which is under the special protection of the government.

Hozanji Temple, Mount Ikoma, reached by electric train from Uehommachi, Osaka. A temple of the Kankiten sect.

of Buddhism and especially dedicated to Fudo, patron of lovers.

## 2. Castles.

a. Osaka Castle, Osaka-shi. The city of Osaka largely developed around this castle, which was begun in 1583 and finished 3 years later. It is of the "Castle on Plain" type, standing on a high location and protected on the north and east by deep running water and on the west by an open area reaching to the sea. The original tower keep has disappeared and is replaced with a ferro-concrete copy of the original structure. The tower is of 5 roofs externally and of 7 floors internally. Osaka castle is distinguished by the huge size of the stones used in its building, some of them being as much as 36 feet broad and 26 feet high. The castle was lavishly decorated, the roofs being gilded, and upon the ridge surmounted by 2 golden dolphins. The interiors are richly carved. Historically, the castle is very important since it commanded the military approach to Osaka-Kyoto and Fushimi. The foreign diplomatic corps was received at the castle in 1867 by the last Tokugawa shogun.

3. Libraries & Museums. (See also Education, Chapter V, F, 4. c).

Osaka Prefectural Library, Osaka-shi. Founded 1903, contains 283,308 volumes.

Osaka Municipal Library (2 branches), Osaka-shi. Founded in 1921, contains 21,563 volumes.

Commercial Museum, Uchi-Hommachi, Osaka-shi. A museum devoted primarily to the industrial products of Osaka-fu.

Osaka Municipal Art Gallery, Osaka-shi. A comprehensive museum of all the fine arts.

Motoyama Shoin-Do Museum, Hagokomo, Takaishi-cho, Osaka-shi. A collection of Japanese ancient arms, armor and implements.

Ueno Collection, Hikano-cho, Higashi-ku, Osaka-shi. Japanese and Chinese painting and pottery tea-utensils.

## VI. WHO'S WHO IN OSAKA-FU.

This chapter consists of a listing, divided into 2 parts, of prominent persons reported to be residents of Osaka-fu. List "A" classifies persons, by cities, according to occupation. Those names starred with an asterisk (\*) indicate persons who are believed to have some knowledge of English.

List "B" is an alphabetical directory, which presents available biographical information concerning persons in list "A". A date in parenthesis placed after a statement, e.g. "(1940)", indicates the date of the report giving that information.

The use of the occupational list "A" will aid in locating experienced personnel in various fields. The alphabetical directory, list "B", will in some instances aid in identifying persons and in checking their background and experience.

Local Japanese records or files on persons should prove useful whenever they can be secured. Certain key sources of this nature are listed here:

### 1. The Koseki.

Each city, town, and township maintains a record of all families domiciled within the unit, including the names of all members of the family, even though they may be living elsewhere, together with the dates of their birth, marriage, and death. The files of the community also indicate the following classifications of the individuals: foreigners, Koreans, and laborers. It will be noted that every individual is listed in at least 2 different places, the Koseki of his native city, town, and township and the police box of the district where he actually resides.

### 2. Police Registers.

a. The central files of the Special Higher Police (Tokubetsu Koto Keisatsu) which are kept in the police stations.

b. Kempei (Military Police) records of political offenders. The location of these files is unknown except that they would be under military custody.

c. Local police box records which list the name, age, address and occupation of each person living within the district.

d. Finger-print files. Finger-printing is less extensively used than in the United States; only about 5,000,000 prints are available. Files are maintained by the Tokyo and Osaka metropolitan police.

### 3. Files of National Employment Exchanges.

These exchanges maintain a record of all employable persons, listing his occupation and present employment. In towns and townships having no employment exchanges, the same information is found in the town office or city hall.

### 4. Files of Public Welfare Offices.

Lists are kept of the homeni-in, prominent persons in the community doing volunteer welfare work. These persons are of the wealthy, leisure class, and have training in public relief techniques. The homeni-in number about 10 to 200 persons in each city, depending upon its size.

### 5. Postal Savings Accounts Records.

Records of postal savings accounts are kept in local post offices. Each account lists the name, address, occupation, and amount of deposit.

### 6. Other Sources.

Other sources of names are bank records, municipal tax rolls, corporation employment records, military draft records, and Shokuin-Roku (Roster of Government Officials, an annual registry of the Imperial Cabinet).

## A. OCCUPATIONAL DIRECTORY

## AGRICULTURE

## Osaka-shi

OTSUKI, Ryoji	Tea plantation owner
MATSUOKA, Junkichi	Prop. of farm
SUGIYAMA, Motojiro	Dir. of Farmer's Union
SHOJI, Otokichi	Pres., cotton producers' club
OKUMURA, Nobutaro	Adviser, Better Farming Soc.

## ASSOCIATIONS

## Members of Chamber of Commerce &amp; Industry, Osaka-shi

ATAKA, Yakichi	Pres.
HARA, Kyuichiro	Dir.
*TAKAYANAGI, Matsuichiro	Chief Sec'y.

## Unions, Osaka-shi

NISHIURA, Ukichi	Dir., gov't employees trade union
YAGI, Shinichi	Dir., League of Japan trade unions

## Members of Japan-America Society of Kansai, Osaka-shi

OGURA, Masatsune	Pres.
NANGO, Saburo	Vice-pres.
MURATA, Shozo	Vice-pres.
IMAMURA, Sachio	Vice-pres.
IHARA, Shogo	Treas.
*HOSHINO, Yukinori	Vice-pres.
ATAKA, Yakichi	Vice-pres.
HIRATA, Sosuke	Sec'y.

## Members of the Japan-British Soc. of Kansai, Osaka-shi

NANGO, Saburo	Treas.
NAKAMURA, Eizo	Sec'y.
MURATA, Shozo	Pres.
IMAMURA, Sachio	Vice-pres.

## Members of Research Assoc., Osaka-shi

Institute for Fiber Research	
YAGI, Hidetugu	Officer
GO, Yukichi	Dir.
IMAMURA, Yoshio	Dir.
SHOJI, Otokichi	Dir.
IIO, Ichiji	Supt.

## Other research assoc.

TAKAOKA, Hitoshi	Pres., Prod. Ind. Research Assoc.
INOUE, Shinji	Rep., Foundation Research Soc.
TAKENOUCI, Manbei	Sec'y, Physical & Chem. Research Inst.
OGURA, Kinnosuke	Pres., Shiomi Science Research Inst.

## Members of other assoc., Osaka-shi

EZAKI, Masatada	Japan Garden Assoc.
MURATA, Shozo	Free Traders' Assoc. of Japan
SAKAMA, Muneji	Exporters Assoc. of Osaka-shi
CHO, Masuzo	Chinese Merchants Assoc.
KARASHIMA, Asahiko	Japan Rayon Assoc.
TSUDA, Shingo	Japan Cotton Spinners' Assoc.
SHOJI, Otokichi	Japanese Cotton Producers' Club
OKUMURA, Nobutaro	Better Farming Soc.
SHIMODA, Masami	Better Farming Soc.
KATAOKA, Yasushi	Osaka Industrial Soc.
KANBE, Masao	Kansai Univ. Soc.

## Members of other assoc., other localities

TANAKA, Ichinejiro	Assoc. for Enrichment of Nation, Takaishi-machi, Semboku-gun
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## COMMUNICATIONS

## Newspaper editors, Osaka-shi

HARADA, Joji	HIGASHIKAWA, Kaichi
HIRANO, Zennosuke	KIDO, Motosuke
NIIDA, Naozo	KONO, Mitsushi
OKUMURA, Shintaro	TAKAHARA, Misao
OTA, Iwao	TAKAISHI, Shingoro
TAKADA, Motosaburo	UENO, Seichi
SHIMODA, Masami	

## Newspaper editors, other localities

MATSUMOTO, Sokichi	Sakai-shi
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## Radio broadcasting officials, Osaka-shi

MARUMO, N.	Chief Engr.
MATSUKATA, Masao	Chrmn., Bd. of Dir.
NISHIMURA, Tomoichi	Dir.

## CONSTRUCTION

## Members of the Architectural Inst., Osaka-shi

IGUCHI, Taijiro	KIMURA, Shoichi
KAKIMOTO, Kiyoji (Seiji)	KINOYAMA, Teruo
KANO, Mitsuo	MATSUMOTO, Kisaburo
DEGUCHI, Takeo	NAGAO, Katsuma
FUJIKAWA, Kusuro	NAKAI, Tokuzo
HATTORI, Yasuo	NAKANO, Junjiro
KATAOKA, Yasushi	YASUI, Takeo
KAWASAKI, Moriharu	

Members of the Architectural Inst., other localities

NAKAIDE, Sadao	Toyonaka-shi
TANAKA, Giichi	Toyonaka-shi
ENJUSHIMA, Sadayoshi	Toyonaka-shi
AOKI, Noriichi	Toyonaka-shi
ISHIDA, Sakuji	Inawate-mura
TAKEDA, Shunji	Moriguchi-mura

Other architects  
KATAOKA, Yasushi

Osaka-shi

Construction engr's (members of Building Institute), Osaka-shi

ARIKI, Nagakazu	NAKAIE, Makoto
ASADA, Shigeo	OKAMOTO, Hiroshi
DOBASHI, Toshio	OURA, Etsuro
FUJIOKA, Shigeichi	SASA, Junkichi
FUKUI, Michiiru	SATO, Kiyohachi
HAYASHI, Hidezo	SAWAI, Shigezo
IIDA, Eiichi	SUZUKI, Chugoro
IKUTA, Shigemasa	TANAKA, Mitsuharu
INOUE, Kaneichi	TSUCHIYA, Shiro
IZUMIDANI, Senju	WATANABE, Eizo
KAWAKITA, Sankuro	YAMADA, Hideo
DOI, Toyokichi	YAMAUE, Tomeru
ENDO, Toshio	MAGARA (MAGAMI), Fujizo
EZAWA, Tadahito	MATSUNAGA, Shingen
FUJITA, Kikuichi	MURANO, Togo (Fujigo)
HANDO (SAKADO), Sadanobu	NAGAKI, Shigezo
HOSOKAWA, Iwao	NAKAGAWA, Mitsuharu
*IKEDA, Minoru	NOMURA, Keiichi
IMAI, Toshiichi	OKAMOTO, Kiichiro
ISHIKAWA, Kame	SAKATO, Sadanobu
KAJIMOTO, Fukutaro	SASAKI, Heibu
KAMITANI, Shinichi	SATO, Taizo
KUMAKURA, Masaichi	SHIODA, Masao
MAEDA, Banichi	TAKENAKA, Yoshiichi
MATSUDA, Gumpei	TANAKA, Naoshi
MERA, Yutaka	WADA, Nobu
MIYAZAKA, Eiji	YAMAMOTO, Shinjiro
MURAYAMA, Yoshisaburo	YOSHITATSU, Nobuji
NAITO, Teiichi	

Construction engr's' (members of Building Institute), other localities

MINAMI, Kamekichi	Kashihara-machi
KIMURA, Makoto	Kitakawachi-gun
FUKAI, Hiroji	Kitakawachi-gun
MAKITA, Hiroshi	Yao-machi
YONEZAWA, Tetsuichi	Nakakawachi-gun
ITO, Toshio	Fuse-shi
KOBAYASHI, Mitsuzo	Toyonaka-shi
DAITO, Mitsuhiro	Toyonaka-shi
KITAMURA, Yoshijiro	Sakai-shi
INOUE, Ichio	Sakai-shi

FUKUSHIMA, Yoshiro	Sakai-shi
FUKUSHIMA, Yoshiichi	Sakai-shi
NISHIKATSU, Kizaemon	Hamaderamachi, Sakai-shi
ONO, Katsusaburo	Izumotsu-shi
SHINKI, Sadao	Mishima-gun
KAMEKAWA, Kame	Fuse-shi

Other construction engineers, Osaka-shi

CHISHIO, (OKISHIO) Sho	Rep., Japan Builders Soc.
TSUDA, Toshio	Rep., Japan Builders Soc.
YASUI, Takeo	Rep., Japan Builders Soc.
ZENIDAKA, Hisayoshi	Rep., Osaka Engrg. & Bldg. Coop.
OBAYASHI, Yoshio	Bldg. contractor
FUJIOKA, Shigeichi	Rep., Osaka City Bldg. Assoc.

Heads of Building Department, Technical School, Osaka-shi

SAKA, Shizuo  
SARATANI (NOBUTANI), Shinsaku  
NAKANO, Junjiro

Heads of Building Department, Mechanical School, Osaka-shi

HORIGUCHI, Yasukichi  
SUZUKI, Chugoro  
YAMAGUCHI, Gisaburo

COURTS AND LAW

Personnel of Courts

KUSANO, Hyoichiro	Chief Judge, Osaka Ct. of Appeal
NAKANO, Namisuke	Procurator, Osaka Ct. of Appeal
KUMAGAI, Makoto	Procurator, Osaka Ct. of Appeal
KURATA, Hiroshi	Procurator, Osaka Ct. of Appeal
FUJITA, Hachiro	Chief, Osaka District Ct.
FUNATSU, Hiroshi	Procurator, Osaka District Ct.
YASUI, Eizo	Chief, Osaka Juvenile Ct.

Other personnel

TAKAHASHI, Tsuneya	Dir., Osaka Police Board
HIGUCHI, Kanji	Patent lawyer, Asada-mura, Toyonaka-shi
GENSEN, Sumi	Patent lawyer, Osaka-shi
KETO, Katsumoto	Lawyer, Osaka-shi
KIYOSE, Ichiro	Lawyer, Osaka-shi
TAKEDA, Sho	Lawyer, Osaka-shi

EDUCATION

Osaka-shi

College professors and personnel	
ASAKA, Matsuki	Econ. prof.
SASAKI, Tokio	Engrg. prof.
SHICHIRI, Yoshio	Engrg. prof.
HONJO, Eijiro	Chief, Commerce Univ.

NAMARI, Ichitaro Chief, ind. science  
 NITA, Isamu Chief, physics, Imp. Univ.  
 KAWATA, Shiro President  
 WADA, Toyotane M.D., Osaka Imp. Univ.  
 YASUI, Takeo Waseda Univ.  
 YATSUSHIRO, Jun Osaka Imp. Univ.  
 \*YAMAGATA, Tatsuzo Sup't.

Girls' schools  
 TOYOFUJI, Tokuro Principal  
 MORITA, Kinnosuke Principal  
 HIROSE, Hamako Miss President  
 ASAI, Haruko Miss Principal  
 AIZAWA, K. Miss Dean

Technical schools  
 HIRAGA, Yoshimi Principal  
 NAGAI, Senzo Principal  
 SAKAMOTO, Jotaro Principal  
 TAGAMI, Kenichi Principal

Other schools  
 IMAI, Kanichi Librarian  
 TSUCHIYAMA, Tetsuji, Rev. Princ., Theological Sch.  
 \*YASUMURA, Saburo Princ., Christian Eng. Night Sch.  
 KOISUMI, Hiizu Princ., Middle Sch.  
 NAKANOMA, Akira Princ., of Foreign Lang. Sch.  
 ADACHI, T. Pres., Higher Sch.  
 ITO, Tatsuo Pres., Higher Sch.  
 HATANAKA, Kakuzo Dir., Industrial Sch.  
 KIRIBUCHI, Kanzo Princ., Mech. Sch.  
 TSUCHIYA, Saburo Princ., Mech. Sch.  
 YAMAGUCHI, Gisaburo Princ., Mech. Sch.

Other localities  
 IBA, Kikujiro, Rev. Pres., Girl's Sch., Toyonaka-shi  
 \*HOSOE, Itsuki Prof., Suita-shi  
 HASHIMOTO, Konosuke Librarian, Miyake-mura

ENGINEERS#

Osaka-shi  
 Electrical engineers  
 \*IWADARE, Kunihiro \*MORI, Hisagaro  
 SEHIDO, MIYAGI, Kunihiro  
 YAMAMOTO, Zennosuke MORI, Naohiro  
 SHIDA, Fumio \*MISAKI, Shozo  
 \*SHIMIDZU, Kichizo MATSUOKA, Hidenaga  
 AOKI, Chujiro \*KITAGAWA, Kazue

Mining engineers  
 FUMITA, H. \*TSUJIMOTO, K.  
 \*CHUJI, Yabe

Civil engineers  
 SHIMA, Shigeru  
 NAOKI, Rintaro

Other engineers  
 TANAKA, K.  
 YANAGITA, M.  
 FURUTA, Y.  
 AIURA, H.  
 DOI, Hiromichi  
 IGUCHI, T.  
 IKEGI, Takashi  
 SUZUKI, Shigio  
 EMURA, Gisaburo  
 UCHINO, Masao  
 TSUJIMOTO, Toyosaburo  
 SUGIMOTO, Shunzo  
 NAKAMURA, Shizuka  
 YASUI, Takeo  
 SADANOVA, N.  
 TSUTSUMI, Masayoshi

\*ISHIKAWA, Toshisada  
 IWAI, Kiichiro  
 ZENIDAKA, Hisayoshi  
 KINUGAWA, Muraji  
 MATSUMOTO, Hajime  
 NAKAZAWA, Morinao  
 \*SUGIURA, Shigezo  
 \*SAITO, Shozo  
 SHONO, Tadae  
 SUMIYA, Kiyooki  
 YATSUSHIRO, Jun  
 OGASAWARA, Utsushi  
 WADACHI, Kiyoo  
 YAMAZAKI, Takayoshi  
 TSUCHIDA, Seiichi

# For construction engrs., see Construction; for mining engrs., see Mining.

FINANCE

HASEGAWA, Yasujiro

Dir., Osaka Financial Affairs Bureau

Osaka-shi

Bank branch managers

KASAHARA, Shokichi  
 ABE, Taiji  
 ASADA, Shinsaku  
 YAMAGUCHI, Takejiro  
 SHIBUYA, Nanyo  
 OKAHASHI, Rin  
 NISHIYAMA, Tsutomu  
 NAKADA, Nobunao  
 KOBAYASHI, Shoichiro  
 KATO, Masao  
 ITO, Kenui  
 HOSHINO, Yukinori  
 HASHIMOTO, Shigeyuki

MURAYAMA, Takashi  
 OKADA, Saiichi  
 YATSUSHIRO, Norihiko  
 TAKEI, Risaburo  
 SASAKI, Komanosuke  
 NAKANE, Sadahiko  
 OHIRA, Kensaku  
 OKANO, Kiyohide  
 KATO, Kotaro  
 \*ICHIMURA, Hiroichi  
 HOSHINO, Akira  
 HAMAOKA, Itsuo  
 KATO, Haruhiko

Other localities

FUJII, Tadakazu

Minoo-mura

Osaka-shi

Stocks and bonds

NOZAKI, Seiichi  
 MAYEDA, Sunao  
 KUROKAWA, Fukusaburo  
 KIKUMOTO, Maojiro

HAMAZAKI, Teikichi  
 IMAMURA, Sachio  
 KINOSHITA, Shigeru

Insurance

\*FUJIMOTO, Masao  
MATSUI, Manroku  
KOH, Seiichi

Other localities  
KATAOKA, Otogo

FORESTRY

Osaka-shi

EZAKI, Masatada  
\*NAKA, R.  
HIRAOKA,  
NAKAGAWA, Katsuhei

GOVERNMENT AND ADMINISTRATION

Pref. Gov't. Officials

YASUI, Eiji  
ARAI, Zentaro  
ARATA, Kakichi  
KAWARADA, Kakichi  
HADA, Fukui  
HASEGAWA, Yasujiro  
SHIGENARI, Kaku  
KUMANO, Tokujiro  
TERADA, Takehaya  
YASUOKA, Koichi  
  
KAWAGUCHI, Kazuji  
OKAMOTO, Shigeru  
FUKUSHIMA, Masaru  
MATSUMORI, Hideo  
  
TSUJIO, Kikuhiko  
MURAI, Jun  
YOKOYAMA, Kaku (Kiwame)  
MATSUSHITA, Kikumatsu  
UCHINO, Soichi  
SHIGETA, Tadayasu  
KIKUCHI,  
YOSHIOKA, Chiyoza  
SUGIURA, Eihiro  
KOIDE, Eiichi  
SAKAMOTO, Chigen  
HAYASHI, Shigeji  
HAGIHARA, Yusuke  
  
GOTO, Yoshigoro

AKAI, Yoshitaru  
NARUSE, Tatsu

Bond dealer, Toyonaka-shi

Lumber creosoting  
Pres., lumber concern  
Dir., Osaka Forestation Bur.  
Pres., Timber Assoc.

Gov.  
Ex-Gov.  
Ex-Gov.  
Ex-Gov.  
Chief, Osaka Financial Aff. Bur.  
Dir., Osaka Financial Aff. Bur.  
Head, Governor's Secretariat  
Chief, Legislative Matters Sect.  
Chief, Accounts Sect.  
Chief, Secretariat Sect. )  
Chief, Statistics Sect. )  
Chief, Buildings & Repairs Sect.  
Head, Internal Affairs Dept.  
Chief, Public Health Sect.  
Chief, Local Affairs Sect. )  
Chief, Promotion Sect. )  
Chief, Welfare Sect.  
Chief, Education Sect.  
Chief, Metals Collection Sect.  
Chief, Military Affairs Sect.  
Chief, Sanitation Sect.  
Head, Economic Dept.  
Chief, Osaka Pref. Econ. Dept.  
Chief, Commerce & Industry Sect.  
Chief, Price Control Sect.  
Chief, Commerce & Industry Sect.  
Chief, Food Sect.  
Chief, General Affairs Sect.  
Chief, Agriculture & Forestry  
Marine Product Sect.  
Chief, Cultivated Land Sect.

ASAI, Kiyoshi  
KIDO, Sakichi  
HIRAYAMA, Hideo  
  
NAKASHIMA, Tokio  
NAGAI, Shigeo  
OKUBO, Yasuo  
NAGANO, Toshio  
FUJINUMA, Shohei  
OTSUBO, Yasuo  
IMAO, Yoshita  
HAMADA, Masahito  
ODA, Sayoji  
HOSODANI, Kiichi  
TOMABECHI, Shigeo  
OGATA, Nakaba (Han)  
OGAWA, Tan (Kitau)  
OTA, Masaaki  
  
ANDO, Seiichi

HORII, Keiji  
FURUKAWA, Hadokane

Heads of the Local Offices, District Offices (Chiho Jimusho)

MAKINO, Kiyomitsu  
EDANI, Tametsuna  
MATSUKURA, Masaji  
OKANO, Masatoshi  
SHINOZAKI, Shigeru  
HANAJIMA, Zengo  
KOSUGA, Hidetada

Chief, Weights & Measures Sect.  
Head, Public Works Dept.  
Chief, General Affairs Sect. )  
Chief, City Planning Sect. )  
Chief, Roads Sect.  
Chief, Rivers & Harbors Sect.  
Dir., Police Bur.  
Chief, Police Dept.  
Chief, Police Dept.  
Head, Police Dept.  
Chief, Insurance Sect.  
Chief, Employment Sect.  
Chief, Labor Administration Sect.  
Chief, Special Higher Police Sect.  
Chief, Economic Peace Preservation Sect.  
Chief, Police Affairs  
Chief, Civilian Defense Sect.  
Chief, External Affairs )  
Chief, Criminal Affairs )  
Chief, Peace Preservation Communica-  
tion Sect.  
Chief, Building Sect.  
Dir., Monopoly Bureau

Heads of the Insurance Office (Hoken Shuchosho)

ARIMUCHI, Yoshio  
TSUKIDA, Toshijiro  
ASAKURA, Yoshitsuna  
AOKI, Kaoru

Funaba (district), Osaka-shi  
Tenman (district), Osaka-shi  
Izumitsu-shi  
Tennoji-ku, Osaka-shi

City Gov't. Officials

Osaka-shi  
SAKAMA, Muneji  
SEKI, Hajime  
NAKAI, Mitsuji  
MIYAKE, Masamitsu  
(Shozo)  
MORISHITA, Masaichi  
YAMADA, Shunji  
TABEI, Sakan  
FUJII, Takayoshi  
YUGAWA, Mitsuo

Mayor  
Ex-mayor  
Dep. mayor  
  
Dep. mayor  
Dep. mayor  
Treas.  
Asst. treas.  
Head, Kita-ku  
Head, Toshima-ku



YAGI,	Head, Fukushima-ku
TANAKA, Eiichi	Head, Konohana-ku
IKENOHATA, Sho	Head, Higashi-ku
INOUE, Kosaburo	Head, Nishi-ku
UEDA, Sanemitsu	Head, Minato-ku
MITSUI, Masao	Head, Taisho-ku
OTAKA, Seishin	Head, Tennoji-ku
NOMURA, Shiro	Head, Minami-ku
FUKUI, Munejiro	Head, Naniwa-ku
WATANABE,	Head, Oyodo-ku
KINOSHITA, Kazuo	Head, Nishiyodogawa-ku
IIZUKA, Kinzo	Head, Higashiyodogawa-ku
TANAKA, Rinzo	Head, Ikuno-ku
TAKADA,	Head, Asahi-ku
MAENO, Hisashi (Sakae)	Head, Joto-ku
ASHIDA, Hideo	Head, Abeno-ku
KANEKO, Kinjiro	Head, Sumiyoshi-ku
NAKADA, Zennosuke	Head, Higashisumiyoshi-ku
TERAJIMA, Keizo	Head, Nishinari-ku

Chiefs of Police Stations (1943)

MATSUMOTO, Kenshiro	Higashi-ku
MAEDA, Kaneyoshi	Toshima-ku
HAYASHI, Tomonori	Asahi-ku
MINAMI, Yoshiichi	Joto-ku
YAMAGUCHI, Kotaro	Higashinari-ku
TANAKA, Eikichi	Ikuno-ku
TAKAHATA, Yoshio	Sonezaki district
KAGENOSHITA, Jiro	Tenman district
HOSODANI, Hiroji	Oyodo-ku
MIYAMOTO, Taminosuke	Jusanbashi district
YAMANOUCHI, Michio	Kujo district
SADAMORI, Toshio	Shim-machi district
FUJITA, Hidezane	Ichioka district
KAIJIMA, Teisuke	Chikko district
KASAHARA, Kiyoshi	Fukushima-ku
INOUE, Ryotaro	Konohana-ku
KOKURA, Tomokichi	Nishiyodogawa-ku
TAJIRI, Yorikichi	Taisho-ku
AMANOYA, Toshiji	Yebisu district
NAKASUJI, Kunio	Naniwa-ku
NISHIKAWA, Toramatsu	Minami-ku
KUBOTA, Jutarō	Nishinari-ku
TOKIMATSU, Takeshi	Sumiyoshi-ku
HONDA, Tadao	Abeno-ku
TOKUTAKE, Kaname	Tennoji-ku
TAKEYOSHI, Masao	Osaka (Minato-ku water-police)
NAGASHIMA, Riichiro	Sakaikita district
GOMI, Yasuo	Kishiwada district

Chiefs of Police Stations (1935)

NISHIKAWA, Toramatsu	Inspector, Pref. Trng. Sch.
SHIBAYAMA, Shiro	Sup't., Pref. Firemans Trng. Sch.
MEGURO, Toranosuke	Sup't., Water Pol. Hq.
KIRYU, Hidehiro	Asst. Insp., Ajikawa Water Pol. Hq.
KANAME, Genshichi	Asst. Insp., Kitsugawa Water Pol. Hq.
KAWANO, Shojiro	Sup't., Funaba Police Sta.
OKAJIMA, Yasuji	Sup't., Tamazukuri Pol. Sta.
FUJII, Tenkei	Sup't., Shimmachi Pol. Sta.
MORINAGA, Moichi	Sup't., Kawaguchi Pol. Sta.
OKADA, Moto	Sup't., Kujo Pol. Sta.
OHARA, Kazenta	Insp., Ichioka Pol. Sta.
NAKAOKA, Toyoma	Sup't., Asahibashi Pol. Sta.
ARAKI, Futamaro	Insp., Chikko Pol. Sta.
KOBAYASHI, Matajiro	Sup't., Izuo Pol. Sta.
TAMURA, Shogi	Sup't., Shimanouchi Pol. Sta.
SUZUKI, Yojiro	Insp., Takatsu Pol. Sta.
WATANABE, Kototsugu	Insp., Tennoji Pol. Sta.
MAKI, Masutaro	Sup't., Ebisu Pol. Sta.
KASA, Masanaga	Sup't., Naniwa Pol. Sta.
OZAKI, Minoru	Insp., Ashihara Pol. Sta.
TAMURA, Yoshihide	Sup't., Tenman Pol. Sta.
MORITA, Giichi	Sup't., Sonezaki Pol. Sta.
WATANABE, Kinzaburo	Sup't., Fukushima Pol. Sta.

Osaka-shi

Chiefs of Police Stations (1935)

MORI, Akimitsu	Insp., Tsunajima Pol. Sta.
SAKOMOTO, Yoshio	Sup't., Imamiya Pol. Sta.
OKUDA, Ikuzo	Insp., Abeno Pol. Sta.
WASEMOTO, Shozaemon	Insp., Sumiyoshi Pol. Sta.
HASHIMOTO, Tamizaburo	Sup't., Tsurubashi Pol. Sta.
SHIMODE, Kazuo	Insp., Nakamoto Pol. Sta.
KIMURA, Tatsujiro	Insp., Hirano Pol. Sta.
ITO, Shindo	Insp., Imafuku Pol. Sta.
OTA, Seikuro	Sup't., Nakatsu Pol. Sta.
HASHIMOTO, Hotai	Insp., Jusanbashi Pol. Sta.
MURATA, Sataro	Insp., Shibajima Pol. Sta.
HAYASHI, Tatsumi	Insp., Owada Pol. Sta.

Chiefs of Fire Stations (1935)

SUKINO, Katsuma	Higashi-ku
MANABE, Kei	Kita-ku
SATO, Seiko	Ashibashi

Other city officials

FUKUTOMI, Namiki	Chief, Public Wks. Dept.
SAKAIDE, Narumi	Head, City Planning Dept.
MURAKAMI, Kinjiro	Chief, Peace Preservation Dept.
IMAIDA, Kiyonori	Chief, Municipal Elec. Bur.

HIRATSUKE, Yonejiro KIZUTANI, Yeisaburo KURASUNA, Iconan	Head, Municipal Elec. Bur. Bur. of Electricity Chief, Peace Preservation Sect., Police Bur.
Sakai-shi KAWANORI, Yasunosuke TANAKA, Keiji ANAZAWA, Yoshimatsu SUGIURA, Sukiichi MURAJI, Masatsugu	Mayor Dep. mayor Dep. mayor Treas. Supt. of Pol. Sta.
Suita-shi YAMAZAKI, Takayoshi HAYASHI, T. KAEDE, Saizo SAWAMURA, Mikio	Mayor Dep. mayor Treas. Insp., Pol. Sta.
Ikeda-shi KITAMURA, Teiji INOUE, Michio YOSHIOKA, Shigeji FURUKAWA, Kameo	Mayor Dep. mayor Treas. Insp., Pol. Sta.
Toyonaka-shi NAKAGAWA, Tanejiro TANAKA, Juji NAKADA, Shigeru SHIROO, Gohei	Mayor Dep. mayor Treas. Insp., Okamachi Pol. Sta.
Takatsuki-shi ISOMURA, Yaemon NAKAI, Keikichi OKITA, Kasaburo YAO, Shinichiro MURAOKA, Iwaemon	Mayor Dep. mayor Dep. mayor Treas. Insp., Pol. Sta.
Kishiwada-shi TERADA, Jinkichi NISHIDA, Denzaburo MAEDA, Kiyosaburo HAYASHI, Chuzaburo	Mayor Dep. mayor Treas. Chief, Pol. Sta.
Kaizuka-shi SASAKI, Sentaro OISAKI, NUMANO, Tsumikichi	Mayor Dep. mayor Treas.
Izumiotsu-shi YAGI, Tokutaro MAKI, Shoichi (Masakazu) KAWANO, Kokei	Mayor Dep. mayor Treas.

Fuse-shi TOBA, Genshiro MIYADA, Chuji KITA, Zennosuke	Mayor Dep. mayor Treas.
Chiefs of Police Stations (1935)	
Kitakawachi-gun ISHIKAWA, Kaichiro INOUE, Seikichi ANDO, Shuzo	Insp., Hirakata-machi Pol. Sta. Asst. Insp., Shijonawate-mura Pol. Sta. Asst. Insp., Tsuda-machi Pol. Sta.
Mishima-gun MURAKAMI, Isao	Insp., Ibaraki-machi Pol. Sta.
Toyono-gun TAKEJIMA, Masajiro	Asst. Insp., Chio Police Sta.
Izukita-gun TOKINAGA, Hironoshin KUGINUKI, Terakichi MAEDA, Kaneyoshi HARIJIMA, Jotoku	Insp., Otorimachi, Sakai-shi Pol. Sta. Asst. Insp., Fukuda Pol. Sta. Asst. Insp., Mibayashi Pol. Sta. Insp., Otsumachi, (Izumiotsu-shi) Pol. Sta.
Izunami-gun ISHIKAWA, Goro MIYAMOTO, Taminosuke KITAJIMA, Tomoyasu	Insp., Sano-machi Pol. Sta. Asst. Insp., Ozaki-machi Pol. Sta. Asst. Insp., Ichiba Pol. Sta.
Minamikawachi-gun KAWAHARA, Tadao KASAHARA, Ryuichi NISHIO, Ushimatsu IKEGAMI, Itaro NISHINO, Keitaro	Insp., Tondabayashi-machi Pol. Sta. Insp., Nagano-machi Pol. Sta. Asst. Insp., Furuichi-machi Pol. Sta. Asst. Insp., Kuroyama-mura Pol. Sta. Asst. Insp., Kashihara-machi Pol. Sta.
Nakakawachi-gun CHIBA, Tadashiro ISHIKAWA, Kempei MITANI, Tokutaro ODA, Sayoji ICHIMURA, Saburo	Insp. Yao-machi Pol. Sta. Asst. Insp., Miyake-mura Pol. Sta. Asst. Insp., Mizu Pol. Sta. Asst. Insp., Nukada Pol. Sta. Asst. Insp., Minamitakayasu-mura Pol. Sta.
HEALTH AND SANITATION	
Doctors, Osaka-shi TAKEDA, Tosimitsu *ASAHINA, Fujitaro (dentist) FUJINAMI, Goichi TAKAYASU, Michishike	YOSHIDA, Sadao SERA, Yoshita NAGAHAMA, Soki'su KOTAKE, Yashiro TAKAMURA, Shotaro

MAYEDA, Matsunaye  
 HAYASHI, Shigeo  
 KUSUMOTO, Chozaburo  
 SHIMIZU, Genichiro  
 OGURA, Kinnosuke  
 YUSA, Toshihiko  
 NAGAHASHI, Masamichi  
 NAKAJIMA, Yoshisada  
 FUJIWARA, Kujuro  
 HARADA, Takashi  
 ARIMA, Yoriyoshi

KOTAKE, Yashiro  
 WADA, Toyotane  
 TANIGUCHI, Tenji  
 HAMA, Mitsuji  
 KAJIYAMA, Naoji  
 OBATA, Kametoshi  
 TAKAGI, Kozo  
 KATO, Toru  
 URAGAMI, Yoriko  
 URAGAMI, Kimiyo

## HOUSING

## Osaka-shi

MORITA, Saburo  
 NAKAHASHI, Buichi  
 YATSUHARA, Tokusaburo  
 HAYASE, Tarosaburo  
 HASHIMOTO, Kisaku  
 KIMASE, Sakuzo

Pres. of hotel  
 Pres. of apt. bldg.  
 In charge of lodging house  
 Real estate business  
 Real estate business  
 Real estate agency

## MANUFACTURING

## Osaka-shi

Steel rod & wire  
 KISHIMOTO, Kinzaburo  
 MORO, Takayoshi  
 NUMADA, Shichijiro

SAWATAKE, Muneteru  
 KITAZAWA, Keijiro  
 AKIYAMA, Takesaburo

## Copper products

YAMANAKA, Shibakichi  
 DOI, Kiyoshi  
 YUASA, Yuzuru

## Aluminum manufacturing

KASUGA, Hiroshi  
 INADA, Jitsunosuke  
 MATSUMOTO, Junji

YAMAMOTO, Kiyoshi  
 TAKATA, Katsuji

## Transportation equipment

HASEGAWA, Shogo  
 NITTA, Aisuke

Carriage mfg.  
 Aircraft materials

## Metal industries

MIMURA, Kiichi  
 KANEKO, Masuteru  
 KUJIMA, Seiichi  
 NOGUCHI, Shigeta  
 SHIMOMURA, Kojiro  
 TSUDA, Katsugoro  
 IJUIN, Kiyohiko  
 SHINOZUKA, Sadakatsu  
 BABA, Kiroku

HADANO, Tomojiro  
 KATO, Sakae  
 MATSUURA, Takeo  
 OGAWA, Koji  
 TANAKA, Yoshio  
 HOSHIZUMI, Shikajiro  
 KASUGA, Hiroshi  
 NAKAYAMA, Etsuji  
 TANABE, Kojiro

## Textiles

YAMASAKI, Kazuyasu  
 KAWASAKI, Suketaro  
 SHOJI, Otokichi  
 OKADA, Gentaro  
 HORI, Tomochika  
 HORI, Bunhei  
 HIRANO, Matao  
 \*ITANO, Jotaro  
 ITO, Chubei

Cotton mfg.  
 Rayon & wool  
 Cotton spinning  
 Cotton mfg.  
 Artificial silk mfg.  
 Staple fiber mfg.  
 Waste silk spinning  
 Clerk, cotton mfg.  
 Cotton yarn mfg.

## Beverages

YAMAMOTO, Tamesaburo  
 HASHITANI, Yoshitake

## Other manufactures

INABATA, (INAHATA), Jiro  
 OBATA, Gennosuke  
 HORIKOSHI, Jusuke  
 IIJIMA, Banji  
 TERADA, Motonosuke  
 TAKEUCHI, Shinji  
 SAIHARA, Kunitaro  
 MIZUTANI, Masajuro  
 KOBAYASHI, Rinnosuke  
 MORINOBU, Keiji  
 SUZUKI, Michiyo  
 NAGAI, Shigeru  
 YOSHIDA, Shinichi  
 YOSHIHARA, Sadajiro  
 TAGAMI, Tamejiro

Dyestuff producing  
 Oil paint mfg.  
 Paper mfg.  
 Shipbldg.  
 Wood pulp  
 Furniture mfg.  
 Canned food  
 Bread mfg.  
 Confections  
 Resin-gum  
 Provision mfg.  
 Linoleum  
 Plate glass  
 Vegetable oil & paint  
 Cement

## Other localities

TANIGUCHI, Tokumasa

Pottery cement, Sakai-shi

## MINING

## Osaka-shi

HASEGAWA, Keigoro  
 TSUJIMOTO, Kennosuke  
 \*CHUJI, Yabe  
 FUMITA, H.  
 \*TSUJIMOTO, K.

Pres. of gold mining co.  
 Adviser, mining co.  
 Mining engr.  
 Mining engr.  
 Mining instructor

## PUBLIC UTILITIES

## Osaka-shi

Electric light and power  
 KATAOKA, Naomasa  
 BEKKU, Sadatoshi  
 UMIDA, Yuzo  
 MURASE, Sueichi

Elec. tramways  
 Elec. indust. co.  
 Hydro-elec. power co.  
 Elec. power co.

NAKAYAMA, Ryukichi  
HAYASHI, Yasushige  
HAYAMI, Taro  
GOTO, Kanji  
TANABE, Ryuji  
YAMAMOTO, Zennosuke

Elec. light supplying  
Hydro-electricity  
Hydro-elec. power co.  
Elec. power co.  
Elec. power co.  
Elec. power co.

## Other localities

ARIMURA, Shinnosuke  
GOTO, Kanji  
TAKATSU, Keiichi

Elec. power co., Minoo-mura  
Elec. power co., Toroshi-mura  
Elec. co., Shinden-mura

## Osaka-shi

## Gas

IKEDA, G.  
ITO, J.  
KATAOKA, Naomasa  
SHIKAKU, S.  
FURUTA, Y.  
YANAGITA, M.  
TANAKA, K.  
YAMAZAKI, Takayoshi

Works mgr. of gas co.  
Bus. mgr. of gas co.  
Dir. of gas co.  
Mgr. of gas co.  
Dist. engr. of gas co.  
Ch. engr. of gas co.  
Dist. engr. of gas co.  
Former chief engr. of gas co.

## PUBLIC WELFARE

## Osaka-shi

YOSHIDA, Genjiro  
TOMITA, Shokichi  
\*YASUMURA, Saburo  
KANZAKI, Kiichi  
HAYASHI, Utako  
NAKAMURA, Haruka

Head, Shikanjima Settlement House  
In charge of day nursery  
In charge of Mead Shakai Kan  
Charge of Gyomei Kan  
Head, WCTU branch & Women's Home  
Charge, Boat Dwellers' Neighbor-  
hood House

MIURA, Yoshimi  
SHIRAI, Take  
TAKAO, Akio  
YATSUHARA, Tokusaburo

Head, YMCA employ. bur.  
Head of a dormitory  
Asst. mgr. of auditorium & theater  
In charge of lodging house

## RELIGION

## Osaka-shi

TAUCHI, Yoshiguro Pablo  
\*KOIZUMI, Noboru  
\*YAMAUCHI, Rokuro

Bishop of R.C. Diocese  
Lutheran pastor  
Pastor of Lutheran Church

## TRADE AND COMMERCE

## Osaka-shi

KOJIMA, Kasuke  
NODA, Tomozo  
HAYASHI, Michio  
FUJIMOTO, Ichiji

Curio shop  
Restaurant  
Printing  
Ind. magazine

ASAI, Yoshitaru  
\*IKOMA, Kichinosuke  
IMANISHI, Yosaburo  
\*FUKUSHIMA, Kisoji  
KIDO, Hisashi  
YAMASAKI, Kazuyasu  
KISHI, Kishiro  
KISHIMOTO, Hikoe  
KITADA, Kurashi  
NANGO, Saburo  
OMORI, Kichigoro  
OKUYAMA, Harue  
\*SATOMI, Junkichi  
SEKO, Konosuke  
SHINDO, Kasaburo  
TAJIMA, Shigeji  
TAKEDA, Chobei  
\*TSUYUGUCHI, Shiro  
YAMAMOTO, Hatsujiro  
YAMANAKA, Sadajiro  
YOSHIDA, Chosho  
YOSHIZUMI, Taketaro  
INOUE, Tozaburo  
NANGO, Saburo

Adjuster  
Jewelry  
Coal dealer  
Gen'l foreign trade  
Dept. store owner

Cotton exchange  
Iron dealer  
Dept. store  
Cotton cloth exporter  
Mercantile agency  
Bill broker  
Dept. store  
Machine importer  
Provisions dealer  
Machinery importer  
Chemicals  
Import agency  
Hosiery  
Antique importer & exporter  
Sulphur dealer  
Hosiery machine importer  
Fish distributor  
Pres., Cotton Merchant's Union

## Other localities

KAWASAKI, Hisakatsu  
TANAKA, Taro

Rope & wire, Sano-machi  
Importer & Exporter, Suita-shi

## TRANSPORTATION

## Osaka-shi

## Sea Transportation

BANICHI, Jobota  
KAWAHARA, Chikao  
KIKURO, Kishida  
MASAYASU, Edayoshi  
OTA, Heishiro  
SHINO, Kawahara  
KATO, Fukuichi  
YAMAMOTO, Gore  
KONE, Kichitaro

Mgr. of steamship co.  
Coastal shipping  
Sea transportation  
Chief, Vessel Transportation  
Dir. of steamship co.  
Mgr. of motor boat co.  
Mng. dir. of steamship co.  
Dock construction  
Stevedore

## Railway Transportation

Chiefs under Nat'l Min. of Transp. & Commun.  
IMABARI, Kazuo  
FUNSHISHI, Yoshihira  
FUKUGAWA, Tokushiro

Materials dept.  
Elec. dept.  
Ry. Bureau

Other Railway officials

OKADA, Iichi Mng. dir. of cable car co.  
 KOBAYASHI, Ichizo Dir. of elec. railway co.  
 ISHII, Goro Specialist, elec. car co.

Chiefs of Commun. Bureau, under Nat'l Min. of Transp. & Commun.

AOKI, Akira Business dept.  
 ARITA, Kiichi Chief of bureau  
 FUKUSHIMA, Sueharu Savings dept.

MISCELLANEOUS

Presumed to speak English (not listed elsewhere)

Osaka-shi

HANDA, Shinzaburo	FUJIE, Shiro
ATARASHI, Junichi	HAYAKAWA, Thomas Tominosuke
FUJINO, Heijiro	HIGASHI, Hana
HASEGAWA, Keitaro	IBATA, Masayoshi
HAYASHI, Fukuo	IMAMURA, S. (Mrs.)
IBA, Katsuya	INCUYE, Tsunejiro
IIDA, Chiyo	KIKUCHI, Bungo
ISHIDA, Shizako	MAKI, Tadakatsu
IWADARE, Kunio	NAKADA, Masuko
KUSUYAMA, Yoshitaro	TANAKA, Nobu
MIYAZAKI, Yukimitsu	TSUYUGUCHI, Shiro
SUGIYAMA, Miki	NISHIMURA, Katsutarō
YAMANAKA, Eitaro	

Other localities

MIYAKE, Takuzo	Sakai-shi
MORITA, Tsunenao	Hirakata-machi
NAKAGAWA, Yotaro	Izumi-machi
NISHIMOTO, Mitoji	Matsubara-mura

Others

Osaka-shi	
OYA, Atsushi	Administrator
SAKATA, Seiichi	Owner of co.

B. ALPHABETICAL DIRECTORY

ABE, Taiji: Osaka br. mgr. Bank of Japan, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1932-40. Res: Osaka-shi.

ADACHI, T.: pres., Naniwa Higher Sch. (1940)

AIURA, H.: mill engr. of Imperial Jinzo Kenshi. Res: 25 Nakanoshima, 2-chome, Kita-ku, Osaka-shi. (1937)

AIZAWA, K. Miss: dean, Osaka YWCA Girls' Sch. (night sch.), 13 Nishiogi-machi, Kita-ku, Osaka-shi. (1938).

AKIYAMA Takesaburo: mng. dir., Sumitomo Elec. Wire & Cable Works, Ltd., 60 Ikijima, Minimi-cho, Konohana-ku, Osaka-shi; delegate to the World Power Conf. (Engr.), Tokyo, 1929. (1929).

AMANOYA, Toshiji: chief of Police Station, Yebisu District, Pref. Gov't. (1943)

ANAZAWA, Yoshimatsu: Deputy Mayor of Sakai-shi. (1943)

ANDO, Seiichi: chief, Peace Preservation Communications Sect., Police Dept., Pref. Gov't. (1943)

ANDO, Shuzo: asst. Insp., Tsuda-mura Police Station, Kitakawa-chi-gun. (1935)

AOKI, Akira: chief, Business Dept., Osaka Commun. Bur. Nat'l Min. of Transp. and Commun. (1944)

AOKI, Chujiro: elec. engr., Bur. of Electricity Osaka-shi, 40 1-chome, Kitakyuhoji-cho, Higashi-ku, Osaka-shi; delegate to World Power (Engr.) Conf., Tokyo, 1929 (1929)

AOKI, Kaoru: head of Insurance Office for Tennoji-ku, Pref. Gov't. (1943)

AOKI, Noriichi: architect; member, Architect. Inst. Address: 3495 Toyonaka-shi. (1930)

ARAI, Zentarō: pref. governor; former gov. of Kyoto-ken. (1945).

ARAKI, Futamaro: inspector, Chikko Police Station (1935)

ARATA, Kakichi: gov. of pref; formerly in Home-Min.

ARIKI, Nagakazu: constr. engr.; member of the Bldg. Inst; Address: 13 Kita-Shimizū-cho, Higashinari-ku, Osaka-shi. (1930)

ARIMA, Yoriyoshi: tubercular sanitorium worker; member, Rotary Int'l. Res: Osaka-shi.

ARIMOCHI, Yoshio: head of Insurance Office for Funaba, Pref. Gov't (1943)

ARIMURA Shinnosuke: dir., Daido Elec. Power Co., 689 Shinine, Minoo-mura Toyono-gun, delegate World Power (Engr.) Conf. Tokyo) 1929. (1929)

ARITA, Kiichi: chief, Osaka Commun. Bur., Nat'l Min. of Trans and Commun. (1944)

ASADA, Shigeo: constr. engr.; member, Bldg. Inst. Address: 2 of 3 Higashino-cho, Nishinari-ku, Osaka-shi. (1930)

ASADA, Shinsaku: Osaka br. mgr. of Yokohama Specie Bank. Ltd., Kitahama-cho, 5-chome, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1940. Res: 112 Minami Kawabori-cho, Tennoji-ku, Osaka-shi.

\*ASAHINA, Fujitaro: prop. Asahina Dental Disp.; dir. Osaka Dental Coll.; b. 1867; grad. Calif. State Univ. Address: 19 Imabashi 2-chome, Higashi-ku, Osaka-shi. (1940)

ASAI, Haruko Miss: princ., Osaka YWCA Girls' Sch. (night sch.)  
13 Nishiogi-cho, Kita-ku, Osaka-shi. (1938)

ASAI, Kiyoshi: chief, Weights & Measures Sect., Economics Dept.,  
Pref. Gov't. 1943)

ASAI, Yoshiteru: average adjuster and partner, Asai-Ichikawa  
Average Adjusting Co., mng. dir., Osaka Marine & Fire Ins. Co.  
Meikai Bldg., 32, Akashi-cho, Kobe-shi; member, Rotary Int'l,  
1925-28. Res: 156 Saishoyama-cho, Higashi-ku, Osaka-shi.

ASAKA, Matsuki: prof. Osaka Univ. of Com.; author "Industriali-  
zation of Southeastern Countries"; reported to be national-  
istic and pro-military. (1943)

ASAKURA, Yoshituma: head of Insurance Office for Izumiotsu-shi.  
Pref. Gov't. (1943)

ASHIDA, Hideo: head, Abeno-ku, Osaka-shi. (1943)

ATAKA, Yakichi: pres., Osaka Foreign Trade Assoc. The Osaka  
Cham. of Com. & Ind., Dojima-Hamadori, 2-chome,  
Kita-ku, Osaka-shi. (1941) Vice-pres., Kansai Nichi-Bei  
Kyokai (The Japan American Soc. of Kansai), Sumitomo Bldg.,  
22, Kitahama 5-chome, Higashi-ku, Osaka-shi. (1939)

\*ATARASHI, Junichi: b. 1902; attended Lawrence Coll.; Columbia  
Sch. of Bus., M. S., 1928-29. Res: Osaka-shi.

BABA, Kiroku: large shareholder of Osaka Machinery Works (1941)

BANICHI, Jobota: Mgr., Osaka br. office of Osaka Shosen K.K.  
(steamship co.) (1944)

BEKKU, Sadatoshi: pres. Sumitomo Denki Kogyo Kabushiki Kaisha  
(Sumitomo Elec. Ind. Co., Inc.); member of the Metal Industry  
Control Soc. Address: Minamiho-cho, Konohana-ku, Osaka-  
shi (1943)

CHIBA, Tadashi: inspector, Yao Police Station, Nakakawachi-gun  
(1935)

CHISHIO (OKISHIO) Sho: constr. Engr.; Rep. Osaka Br. of the Nihon  
Builders Soc. (1940)

CHO, Masuzo: dir., Osaka Chinese Merchants Assoc., 211 Niban-cho  
Honda, Nishi-ku, Osaka-shi (1941)

\*CHUJI, Yabe: mining Engr.; Sumitomo Goshi Kaisha, Osaka-shi;  
b. 1886, Tokushima-ken; grad, Kyoto Imp. Univ.; worked  
for Kichizaemon Sumitomo as mining engr. of Sumitomo Besshi  
Copper Mine in Ehime-ken; elected into Am. Inst. of Mng.  
& Metal Engrg. Soc., 1917.

DAITO, Mitsuhiro: constr. engr.; member, Bldg. Inst. Address:  
Toyanaka-shi. (1930)

DEGUCHI, Takeo: architect; member, Architect. Inst.; address:  
29 of 2 Juso Nishiyodogawa-ku, Osaka-shi. (1930)

DOBASHI, Toshio: constr. engr.; member, Bldg. Inst. Address:  
19 Juniken-cho, Higashi-ku, Osaka-shi. (1930)

DOI, Hiromichi: consulting engr. for Soga, Dept. Store, Osaka-  
shi. (1944)

DOI, Kiyoshi: pres., Kabushiki Kaisha Toyosaki Shindosho (Toyo-  
sake Copper Rolling Co. Inc.); member, Metal Ind. Control  
Soc. Address: 3-1-chome, Nagaehama-dori Higashiyodogawa-  
ku, Osaka-shi. (1943)

DOI, Toyokichi: constr. engr.; member, Bldg. Inst. Address:  
Osaka-shi. (1930)

EDANI, Tametsuna: head of Local District office for Toyono-gun,  
Pref. Gov't. (1943)

EMURA, Gisaburo: engr.; 88 4-chome, Tamagawa-cho, Konohana-ku,  
Osaka-shi (1929)

ENDO, Toshio: constr. engr.; member, Bldg. Inst. Address: 99  
of 2 Asahi-cho, Sumiyoshi-ku, Osaka-shi (1930)

ENJUSHIMA, Sadayoshi: architect; member Architect. Inst. Address:  
Toyonaka-shi. (1930)

EZAKI, Masatada: mng. dir., Tokyo Lumber Creosoting Co., Ltd.,  
Yamaguchi Bldg., 2-chome Kawara-machi; Rep. of the Japan  
Garden Assoc. (1940). member, Rotary Int'l, 1925-1940.  
Res: Osaka-shi.

EZAWA, Tadahito: constr. engr.; member, Bldg. Inst.; Address:  
21 Juso Higashino-cho Higashiyodogawa-ku Osaka-shi. (1930)

\*FUJIE, Shiro: b. 1889; attended Keio Univ., Tokyo, B. S. 1908-  
13; Columbia Ext. Sch. of Bus., 1918-19. Res: Tennoji-  
ku, Osaka-shi.

FUJII, Tadakazu: co. dir.; mng. dir. Konoike Trust Co.; b. 1899,  
Yamaguchi-ken; grad. Kyoto Imp. Univ., law, 1917; joined  
Bank of Japan and served its Moji br.; joined Konoiko Trust  
Co., 1931. Address: Minoo-mura, Toyono-gun. (1940)

FUJII, Takayoshi: head, Kita-ku, Osaka-shi (1943)

FUJII, Tenkei: sup't, Shimmachi Police Station, Osaka-shi (1935)

FUJIKAWA, Kusuro: architect; member, Architect. Inst. Address:  
1 of 1 Izumio, Matsuno-cho, Minato-ku, Osaka-shi. (1930)

FUJIMOTO, Ichiji: vice-pres. Engrng. Japan, Ltd. (Industrial  
Magazine 16 Kyomachi-bori, 1-chome, Nishi-ku; Osaka-shi;  
member, Rotary Int'l, 1924. Res: Osaka-shi.

\*FUJIMOTO, Masao: M. D. assoc. with Nippon Life Assurance Co.;  
attended Univ. of Penn. Address: 7 Imabashi 4-chome, Osaka-  
shi.

FUJINAMI, Goichi: M. D.; standing committee, Societas Radiologi-  
cal Japonica. Inst. of Physical Therapy, Osaka Imp. Univ.,  
Osaka-shi. (1939)

\*FUJINO, Heiji: b. 1906; attended Commercial Coll., Osaka, 1923-  
26; Columbia S. S., English, 1929. Address: Osaka-shi.

FUJINUMA, Shohei: chief of Osaka pref. police dept.; member,  
Rotary Int'l. Address: Enokojima, Nishi-ku, Osaka-shi.

FUJIOKA, Shigeichi: Rep., Osaka-shi Bldg. Assoc.; chief, Bldg.  
Dept. of Engrg. Br., Osaka-shi. (1930)

FUJITA, Hachiro: chief, Osaka District Ct. (1944)

FUJITA, Hidezane: chief of Police Station, Ichioka District,  
Pref. Gov't (1943)

FUJITA, Kikuichi: constr. engr.; member, Bldg. Inst. Address:  
60 of 3 Abenasuji, Sumiyoshi-ku, Osaka-shi. (1930)

FUJIWARA, Kujuro: M. D.; pres., Hygienic Laboratory of Osaka-  
shi, Ogi-cho, Kita-ku Osaka-shi; member, Rotary Int'l,  
1926-40. Res: Osaka-shi.

FUKAI, Hiroji: constr. engr.; member, Bldg. Inst. Address:  
Kitakawachi-gun. (1930)

FUKUAWA, Tokushiro: chief, Osaka Ry Bur., Nat'l Min. of Transp.  
& Comm. (1944)

FUKUJ, Michiru: constr. engr.; member, Bldg. Inst. Address:  
31 Takatsu, Goban-cho, Minami-ku, Osaka-shi. (1930)

FUKUI, Munejiro: head, Naniwa-ku, Osaka-shi (1943)  
 \*FUKUSHIMA, Kisoji: asst. mgr. Osaka Br., Mitsui Bussan Kaisha Ltd. (general foreign trade), Korabashi, Higashi-ku, Osaka-shi; member, Rotary Int'l. Res: Osaka-shi.  
 FUKUTOMI, Namiki: chief of public works Dept. of Osaka Mun. Office; b. 1880, Kochi-ken; Address: 7 of 2 Nishihata, Aza Naruo, Naraomura, Muko-gun. Hyogo-ken. Listed in Who's Who. 1941.  
 FUKUSHIMA, Masaru: chief, Public Health Sect., Internal Affairs Dept. Pref. Gov't. (1943)  
 FUKUSHIMA, Sueharu: chief, Savings Dept. Osaka Commun. Bur., Nat'l Min. of Transp. & Commun. (1944)  
 FUKUSHIMA, Yoshiichi: constr. engr.; member, Bldg. Inst. Address: 53 of 2 Higashi Kobayashidera-machi, Sakai-shi (1930).  
 FUKUSHIMA, Yoshiro: constr. engr.; member Bldg. Inst. Address: 1147 Kita Yasui-machi, Sakai-shi. (1930)  
 FUMIYA, H.: mining engr.; vice-pres. Fujita Co. (1940)  
 FUNATSU, Hiroshi: procurator, Osaka Dist. Ct. (1944)  
 FUNSHISHI, Yoshihira: chief, Elec. Dept., Osaka Ry. Bur., Nat'l Min. of Trans. & Commun. (1944)  
 FURUKAWA, Hadokane: vice-chief, Bur. of Marine Transp. of Niigata; appointed Dir. of Monopoly Bur., Finance Ministry and also chief of monopoly for the Osaka area. (1941)  
 FURUKAWA, Kameo: inspector, Ikeda police station, Ikeda-shi (1935)  
 FURUWA, Y.: distribution engr., Osaka Gas. Co. Osaka-shi. (1944)  
 GENSEN, Sumi: lawyer; Sumi Law Institution (patent agent), Asahi Bldg., Osaka-shi; member, Rotary Int'l, 1932-36. Res: 38 Naka 2 chome, Sonezaki, Kita-ku, Osaka-shi.  
 GO, Yukichi: dir., Inst. of Fibre Research, Osaka Imp. Univ., Kita-ku, Osaka-shi (1939).  
 GOMI, Yasuo: chief of Police Station, Kishiwada District, Pref. Gov't. (1943)  
 GOTO, Kanji: chief, elec. dept., Nihon Elec. Power Co., 636 Harada, Toroshi-mura, Izukita-gun. (1929)  
 GOTO, Yoshigoro: chief, Cultivated Land Sect., Economic Dept., Pref. Gov't. (1943)  
 HADA, Fukui: chief, Osaka Financial Aff. Bur. (1944)  
 HADANO, Tomojiro: mng. dir., Osaka Seisa Zoki (chain and machine mfg.) KK (1914)  
 HAGIHARA, Yusuke: chief, Agric. & Forestry Marine Products Sect., Economic Dept., Pref. Gov't. (1943)  
 HAMA, Mitsuji: M. D.; prof., Med. Dept., Osaka Imp. Univ. (1944)  
 HAMADA Masahito: chief, Employment Sect., Police Dept. Pref. Gov't. (1943)  
 HAMAOKA, Itsuo: mng. dir., Osaka Branch of Bank of Japan, 2 chome Nakanoshima; member, Rotary Int'l, 1925-26. Res: same.

HAMAZAKI, Teikichi: chief dir., Osaka Stock Exchange Kitahama, Osaka-shi; member Rotary Int'l, 1932-40.  
 HANAJIMA, Zengo: head of Local District Office for Nakakawachi-gun, Pref. Gov't. (1943)  
 \*HANDA, Shinzaburo: b. 1892; attended Osaka Higher Tech. College, 1909-13; Columbia Ext. 1919-20.  
 HANDO, Sadanobu: constr. engr.; member, Bldg. Inst. Address: 5 of 1 Shinkai-dori, Nishinari-ku, Osaka-shi. (1930)  
 HARA, Kyuichiro: dir., Osaka Cham. of Com. & Ind. (1944)  
 HARADA, Joji: edit. chief, Osaka Asahi Shimbun, Osaka-shi; member, Japan Press Assoc. (1943)  
 HARADA, Takashi: M. D.; head, Harada Gynecology Hosp.; b. 1881, Fukuoka-ken; grad. Kyoto Imp. Univ., med., 1908; staff, Shiga branch, Red Cross for 10 years; sent abroad 2 times, granted degree, 1916; established mid-wives and nurses training sch. Address: 15 Shio-cho, 1-chome, Nishi-ku. Osaka-shi. (1939)  
 HARIJIMA, Jotoku: inspector, Otsu Police Station, Otsu-machi, (Izumiotu-shi). (1935).  
 HASEGAWA, Keigoro: pres., Doi Gold Mining Co. Ltd., 2 Hamadori, Osaka-shi, member, Rotary Int'l, 1925-31; Res: same.  
 \*HASEGAWA, Keitaro: b. 1891; attended Osaka Shingakuin, Osaka, 1913-17; Auburn Theological Seminary, NY, 1919-23; Columbia Univ., 1923-24.  
 HASEGAWA, Shogo: pres., carriage & Wagon Mfg. Co. Yasuicho, Konohana-ku, Osaka-shi; member, Rotary Int'l, 1925-40. Res: 67 Rokumantai-cho, Tennoji-ku, Osaka-shi.  
 HASEGAWA, Yasujiro: dir., Osaka Financial Aff. Bur. (1941)  
 HASHIMOTO, Hotai: inspector, Jusanbashi Police Station, Osaka-shi. (1935).  
 HASHIMOTO, Kisaku: pres., Kamadara Tochi Kaisha Ltd. (Suburban Residential Quarter Management), Hamadera-machi, Sakai-shi; member, Rotary Int'l, 1925-40. Res: Hamadera.  
 HASHIMOTO, Konosuke: librarian chief, Osaka Mun. Library; b. 1888, Osaka-shi; grad. Kyoto Imp. Univ., psychology 1922; sec'y, Osaka Mun. Museum. Address: Miyake-mura, Nakakawachi-gun. (1939-40)  
 HASHIMOTO, Shigeyuki: banker, dir., Nihon Sogo Chochiku Ginko Ltd. 29, 3-chome, Osaka-shi; member, Rotary Int'l, 1926-29. Res: 1580, Sumiyoshi-ku, Osaka-shi.  
 HASHIMOTO, Tamizaburo: sup't, Tsurubashi Police Station, Osaka-shi. (1935)  
 HASHITANI, Yoshitake: factory head, Fukita factory, Dai Nippon Beer Co., 806 Fukushima-ku, Osaka-shi; member, Rotary Int'l, 1940. Res: 443 Aza Takayama, Fukushima-ku.  
 HATANAKA, Kakuzo: dir., 2nd Tojo Ind. Sch. (1944)  
 HATTORI, Yasuo: architect; member, Architectural Inst. Address: Nishiwaki Komusho 100, 6-chome, Taisho-dori, Minato-ku, Osaka-shi. (1930)  
 \*HAYAKAWA, Thomas Tominosuke: b. 1898; attended Kansei Gakuin College, Kobe, 1918-22; Miami Univ., Oxford, Ohio, 1923-24; Lawrence College, Appleton, Wis., 1925; Columbia S. S. philosophy, Fine Arts, 1926.

HAYAMI, Taro: pres., Sanyo Central Hydro-elec. Power Co., 48 4-chome, Kitahama, Higashi-ku, Osaka-shi. (1929)

HAYASE, Tarosaburo: pres., Kiribana Development; dir., Dai-jin Central Land, Kitagawa Land Canal; Aud. of Yaba Steamship, Hayase Painting Material, Goba Spinning; b. 1884; grad. Waseda Univ.

HAYASHI, Chuzaburo: chief, Kishiwada Police Station, Kishiwada-shi. (1935)

\*HAYASHI, Fukuo: b. 1897; attended Osaka College of Technology, 1915-18; Columbia S. S., 1921. Res: Kizugawa-cho, Osaka-shi.

HAYASHI, Hidezo: constr. engr.; member, Bldg. Inst. Address: Osaka-shi. (1930)

HAYASHI, Michio: mng. dir., Seihan Insatsu KK (printing). Kami 4-chome, Ebiye, Nishiyodogawa-ku, Osaka-shi; member, Rotary Int'l, 1931-40. Res: 705 Funao Hamadera-cho, Osaka-shi.

HAYASHI, Shigeo: prof., Med. Dept., Osaka Imp. Univ. (1944)

HAYASHI, Shigeji: chief, Gen'l Affairs Sect., Economics Dept. Pref. Gov't (1942)

HAYASHI, T: dep. Mayor, Suita-shi, 1943.

HAYASHI, Tatsumi: inspector, Owada Police Station, Osaka-shi (1935)

HAYASHI, Tomonori: chief of Police Station, Asahi-ku, Osaka-shi (1943)

HAYASHI, Utako: head, WC TU Osaka branch, 6-chome, Nakanoshima, Higashiyodogawa-ku, Osaka-shi. (1938)

HAYASHI, Yasushige: affiliated with the Ujigawa Elec. Co. Ltd., Osaka Bldg., Sozei-cho, Kita-ku, Osaka-shi; member, Rotary Int'l, 1924-31.

\*HIGASHI, Hana: b. 1899; attended Girls' High Sch., Osaka-shi, 1916; Columbia Ext., 1923-24.

HIGASHIKAWA, Kaichi: mgr., Rengo Tsushinsha, Osaka Branch (News Bur.), Kitanahama 5-chome, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1927-32. Res: same.

HIGUCHI, Kanji: patent attorney; partner, Asamura & Higuchi 1889, Niigata-ken; grad. Tokyo Higher Tech. Sch., 1911 and Nihon Univ.; asst. examiner, Gov't Patent Bur. Address: 1550 Asada-mura, Toyonaka-shi. (1939).

HIRAGA, Yoshimi: principal, Kansai Com. and Tech. Sch. (1940)

HIRANO, Matao: dir., Dai-Nippon Boseki KK (spun silk), 9 3-chome, Bingo-machi, Osaka-shi; member, Rotary Int'l, 1926-30; Res: Yamamatsubashi, Tengachaya, Osaka-shi.

HIRANO, Zennosuke: editorial chief, Osaka Shimbun, Osaka-shi; member, Japan's Press. Assoc. (1943)

HIRAOKA: dir., Osaka Forestation Bureau (1941)

HIRATA, Sosuke: sec'y, Japan-American Soc. of Kansai, Sumitomo Bldg., 22 Kitahama 5-chome, Higashi-ku, Osaka-shi. (1939)

HIRATSUKE, Yonejiro: head, Mun. Elec. Bur., Osaka Municipal Office, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1929-36.

HIRAYAMA, Hideo: chief, Gen'l Affairs Sect., Public Works Dept. Pref. Gov't. (1943)

HIROSE, Hamako, Miss: pres., Lambeth Trng. Sch. for Christian Workers (women), Ishigatsuji-cho, Tennoji-ku, Osaka-shi. (1938).

HONDA, Tadao: chief of Police Station, Abeno-ku, Osaka-shi. (1943).

HONJO, Eijiro: chief, Osaka Univ. of Commerce; Higher Commerce Dept. (1944)

HORI, Bunhei: pres., Meisei Boshoku Co. Ltd. (Staple Fibre), Osaka-shi; member, Rotary Int'l, 1925-40.

HORI, Tomochika: mng. dir., Asahi Kenshoku KK (Artificial Silk Mfg.), Osaka Bldg., Nakanoshima, Osaka-shi; member, Rotary Int'l, 1930-40. Res: 136, Hirao, Minoo-mura, Toyona-gun.

HORIGUCHI, Yasukichi (Shinkichi): head, Bldg. Dept. of Nishinoda Mech. Sch. (1940)

HORII, Keiji: chief, Building Sect., Police Dept., Pref. Gov't. (1943)

HORIKOSHI, Jusuke: dir. & mgr. Oji Paper Mill, Ltd. (paper mfr'r), 252 Genzenji-cho, 4-chome, Kita-ku, Osaka-shi; member, Rotary Int'l, 1924-40.

HOSHINO, Akira: Bank mgr., Osaka Branch of the Bank of Japan, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1926-27. Res: 23 1-chome, Nakano-shima, Osaka-shi.

\*HOSHINO, Yukinori: dir., Kajima Bank Ltd., c/o Daido Bldg., Tosabori, Nishi-ku, Osaka-shi, member, Rotary Int'l, 1931-40, delegate to Int'l Conf. in 1931, vice pres., Japan America Soc. of Kansai.

HOSHIZUMI, Shikajiro: dir. & mgr., Osaka Machinery Works (1941)

HOSODANI, Kiichi: chief, Special Higher Police Sect., Police Dept. Pref. Gov't. (1943)

HOSODANI, Hiroji: chief of Police Station, Oyodo-ku Osaka-shi. (1943)

\*HOSOE, Itsuki: prof., Osaka Com. College; lecturer, Kyoto Imp. Univ., Kansai Univ.; b. 1884, Mie-ken; grad. Tokyo School of foreign lang., English; taught at Ishikawa pref. Kanazawa 1st Mid. Sch.; present posts since 1929. Address: 1136 Suita-shi.

HOSOKAWA, Iwao: constr. engr., member, Bldg. Inst. Address: 9 of 2 Hosei-cho, Higashinari-ku, Osaka-shi. (1930)

\*IBA, Katsuya: b. 1888; attended Keio Univ.; Columbia Ext., 1917-18, English.

IBA, Kikujiro, Rev: pres., Girls' High Sch., Todoroki-cho, Toyonaki-shi. (1938)

\*IBATA, Masayoshi: b. 1895; attended Keio Univ., Tokyo, 1912-17; Columbia Ext. & S. S. 1917-20. Res: 702 Matsuyama, Samiyoshi, Osaka-shi.

\*ICHIHARA, Hiroichi: bank clerk, Mitsubishi Bank; attended Osaka Commercial Sch., 1917 to 22; Columbia Ext., banking, 1932-33.



ICHIMURA, Saburo: asst. inspector, Minami Takayasu Police Station, Minamitakayasu-mura, Nakakawachi-gun. (1935)

IGUCHI, T: purchasing agent, Osaka Gas Co., Osaka, trained in enrg. (1944)

IGUCHI, Taijiro: architect; member, Architectural Inst. Address: Kobayashi-machi, Minato-ku, Osaka-shi. (1930)

IHARA, Shogo: treas. Japan-America Soc. of Kansai, Sumitomo Bldg., 22, Kitahama 5-chome, Higashi-ku, Osaka-shi. (1939)

\*IIDA, Chiyo: b. 1913; attended Osaka High Sch., 1931; Columbia Ext., English, 1933-34.

IIDA, Eiichi: constr. engr., member, Bldg. Inst. Address: 2827 Fukita-machi, Osaka-shi. (1930)

IIJIMA, Banji: mng. dir., Osaka Iron Works Ltd., (shipbuilding), Sakurajima, Konohana-ku Osaka-shi; member, Rotary Int'l, 1929-32.

IIO, Ichiji: sup't, The Inst. for Fibre Research, Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

IIZUKA, Kinzo: head, Higashiyodogawa-ku, Osaka-shi. (1943)

IJUIN, Kiyohiko: pres., Mitsubishi Steel Material Co. Inc.; member, Steel Control Soc. Address: 380 of 6 Oshima-cho, Joto-ku, Osaka-shi. (1943)

IKEDA, G.: works mgr., Osaka Gas Co., Osaka-shi. (1944)

\*IKEDA, Minoru: constr. engr.; member, Bldg. Inst. attended Osaka College, Univ. of Wisconsin, 1911 Columbia Univ., 1911-12. Address: 174 Kami Sumiyoshi-machi Sumiyoshi-ku, Osaka-shi. (1930).

IKEGAMI, Itaro: asst. inspector, Kuryoyama Police Station, Kuroyama-mura, Minamika-wachi-gun. (1935)

IKEGI, Takashi: engr.; Kisha, Seizo Kaisha, 1101 Harada, Minamiteshima-mura, Toyono-gun. (1929)

IKENOHATA, Sho: head, Higashi-ku, Osaka-shi, 1943.

\*IKOMA, Kichinosuke: jewelry dealer; 3-chome Hiranomachi, Higashi-ku, Osaka-shi: member, Rotary Int'l, 1925-40; delegate to Int'l Conference in 1929.

IKUTA, Shigemasa: constr. engr.; member, Bldg. Inst. Address: 53 Kamono-machi, Higashinari-ku, Osaka-shi. (1930)

IMABARI, Kazuo: chief, materials dept., Osaka Ry Bur., Nat'l Min. of Transp. & Commun. (1944)

IMAI, Kanichi: librarian, Osaka prefectural library, Osaka-shi; member, Rotary Int'l, 1924-40.

IMAI, Toshiichi: constr. engr.; member, Bldg. Inst. Address: 11 Nishikiya-cho, Kita-ku Osaka-shi. (1930)

IMAIDA, Kiyonori: chief, Osaka Mun. Elec. Bur., city hall, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1927-29. Res: Tennoji-ku.

\*IMAMURA, S. Mrs.: b. 1880; attended Girls' High School, Osaka-shi., 1897-1902; Columbia Ext., cookery, 1921-22.

IMAMURA, Sachio: mng. dir., The Sumitomo Trust, Ltd., 5-chome, Kitahama, Higashi-ku; member, Rotary Int'l, 1933-40; vice-pres. Japan British Soc. of Kansai, 1 Soze-cho, Kita-ku, Osaka-shi. vice pres. Japan-America Soc. of Kansai. (1939)

IMAMURA, Yoshio: dir., Inst. for Fibre Research, Osaka Imp. Univ., Kita-ku, Osaka-shi (1939)

IMANISHI, Yosaburo: prop., Imanishi Shoten (coal dealer), 3-chome, Minami-Ajikawa Minato-ku; member, Rotary Int'l, 1927-40. Res: 24 Sanban-cho, Honden, Nishi-ku.

IMAO, Yoshita: chief, Insurance Sect., Police Dept., Pref. Gov't. (1943)

INABATA (Inahata), Jiro: gen'l mgr. Nihon Senryo Seeizo KK, Kasugade-cho, Konohana-ku, Osaka-shi; grad. Tokyo Imp. Univ, 1913; dir.; gen'l mgr., Nihon Senryo Seizo KK the leading dyestuff producing co. in Japan. (1938)

INADA, Jitsunosuke: pres. Osaka Aluminum Mfg. Co. Inc.; member, Metal Industry Control Soc. Address: 1361 of 3-chome, Sakurakawa, Namibaya-Osaka-shi. (1943)

INOUE, Ichio: constr. engr.; member, Bldg. Inst. Address: Nishino-cho, Minamihama-machi, Sakai-shi. (1930)

INOUE, Kaneichi: constr. engr.; member, Bldg. Inst. Address: 13 of 6 Tenabe Hom-machi, Sumiyoshi-ku, Osaka-shi. (1930)

INOUE, Kosaburo: head, Nishi-ku, Osaka-shi, 1943.

INOUE, Michio: dep. mayor, Ikeda-shi, 1943.

INOUE, Seikichi: asst. inspector, Shijonawate Police Station, Shijonawate-mura, Kitakawachi-gun. (1935)

INOUE, Shinji: rep. Foundation Research Soc., Osaka Kyoto district. (1940)

INOUE, Ryotaro: chief of Police, Konohana-ku, Osaka-shi. (1943)

INOUE, Tozaburo: dir., Sakana KK of Osaka Central Market (Fish distributing), Ajikawa, Konohana-ku, Osaka-shi; member, Rotary Int'l, 1932-40. Res: 5 chome, Yodobori, Minamidori, Osaka-shi.

\*INOUE, Tsunejiro: b. 1885, attended Momoyama Middle Sch., 1917; Columbia Ext., Eng., 1922-23.

ISHIDA, Sakuji: architect; member, Architectural Inst. Address: Rokumanji, Nawate-mura, Nakakawachi-gun. (1930)

\*ISHIDA, Shizako: b. 1893; attended Columbia S. S., 1923.

ISHII, Goro: specialist, Osaka-Kobe Elec. Car. Co. (1936)

ISHIKAWA, Goro: inspector, Sano-machi Police Station, Isunami-gun. (1935)

ISHIKAWA, Kaiichiro: inspector, Hirakata-machi Police Station, Kitakawachi-gun (1935)

ISHIKAWA, Kame: constr. engr.; member, Bldg. Inst. Address: 26 Morikoji, Higashinari-ku, Osaka-shi. (1930)

ISHIKAWA, Kempei: asst. inspector, Miyake-mura Police Station, Nakakawachi-gun (1935)

\*ISHIKAWA, Toshisada: engr.; Nippon Aluminum Co. Urai, Osaka-shi. b. 1895, Hokkaido grad, Tohoku Imp. Univ. Tech. College, 1917; 1917-18, Kure Naval Arsenal, Kure-shi; 1918-23, Yokosuka Navy Yard, asst. mgr., Ordnance Dept.; 1923-26, Imp. Japanese Navy Office, asst. inspector, Osaka-shi; 1926, asst. inspector, Imp. Jap. Navy Office, New York City.

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ISOMURA, Yaemon: mayor, Takatsuki-shi. (1943)  
 \*ITANO, Jotaro: office worker, Southern Cotton Co., b. 1900; attended Yao High Sch., Osaka-shi., 1914-19; Ritsumeikan Univ., Kyoto, 1920-23; Columbia Ext., law and accounting, 1926-27.  
 ITO, Chubei: pres., C. Ito & Co. Ltd., 2-chome, Azuchi-machi, Osaka-shi; member, Rotary Int'l, 1925-40. (cotton yarn mfg.)  
 ITO, J: bus. mgr. and accountant, Osaka Gas Co., Osaka-shi. (1944)  
 ITO, Kenui: bank mgr., Industrial Bank of Japan, Koraihashi 5-chome, Higashi-ku, member, Rotary Int'l, 1940. Res: Tsutokawa, Nishinomiya.  
 ITO, Shindo: inspector, Imafuku Police Station, Osaka-shi. (1935)  
 ITO, Tatsuo: pres., Osaka Higher Sch. (1944)  
 ITO, Toshio: constr. engr.; member, Bldg. Inst. Address: Fuse-shi. (1940)  
 \*IWADARE, Kunihiro: electrician, Osaka Elec. Light Co., Osaka-shi; grad. Imp. College of Engrs.; applied for admission to Am. Inst. of Elec. Engrs. as assoc. member. (1893)  
 \*IWADARE, Kunio: b. 1897; attended Tokyo Imp. Univ., 1919-22; Columbia Univ., 1923-24.  
 IWAI, Kiichiro: officer, Osaka Zymological Soc., Dept. of Engrg., Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)  
 IZUMIDANI, Senju: Constr. engr., member, Bldg. Inst. Address: 33 of 1 Sembondori, Nishinari-ku, Osaka-shi. (1930)  
 KAEDE, Saizo: Treas., Suita-shi. (1943)  
 KAGENOSHITA, Jiro: chief of Police Station, Tenman District, Pref. Gov't, (1943)  
 KAIJIMA, Teisuke: Chief of Police Station, Chikko District, Pref. Gov't (1943)  
 KAJUMOTO, Fukutaro: constr. engr.; member, Bldg. Inst. Address: 23 of 3 Oji-machi Sumiyoshi-ku, Osaka-shi. (1930)  
 KAJIYAMA, Noaji: M.D., prof., Med. Dept., Osaka Imp. Univ. (1944)  
 KAKIMOTO, Kiyoji: architect; member, Architectural Inst. Address: 513 of 5 Motomachi, Naniwa-ku, Osaka-shi (1930)  
 KAMEKAWA, Kame: constr. engr.; member, Bldg. Inst. Address: 42 of 66 Shimo-Kosaka, Fuse-shi.  
 KAMITANI, Shinichi: constr. engr.; member, Bldg. Inst. Address: Fukita-machi, Osaka-shi. (1930)  
 KANAME, Genshichi: asst. inspector, Kitsugawa Water Police Headquarters, Osaka-shi. (1935)  
 KANABE, Masao: pres., Kansai Univ. Soc., Senriyama, Osaka-shi. (1939)  
 KANEKO Kinjiro: head, Sumiyoshi-ku, Osaka-shi, (1943)  
 KANEKO, Masuteru: prop., Kaneko Iron Wks., 1 of 2-chome, Aoi-dori, Sumiyoshi-ku, Osaka-shi. (1929)  
 KANO, Mitsuo: architect; member, Architectural Inst. Address: 5 of 1 Nagarahama-dori, Oyodo-ku Osaka-shi (1930)  
 KANZAKI, Kiichi: in charge, Osaka Gyomei Kan, 10 Buntokucho, Shikanjima, Konohana-ku, Osaka-shi. (1938)

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KARASHIMA Asahiko: pres., Japan Rayon Assoc., The Asahi Bldg., 3 Nakanoshima, 3 chome, Kita-ku, Osaka-shi (1940-41)  
 KASA, Masanaga: Sup't.; Naniwa Police Station, Osaka-shi, (1935)  
 KASAHARA, Kiyoshi: chief of Police Station, Fukushima-ku, Pref. Gov't (1943)  
 KASAHARA, Ryuichi: inspector, Nagano-machi Police station, Minamikawachi-gun (1935)  
 KASAHARA, Shokichi: bank mgr., Sumitomo Bank, Ltd. 1 chome, Sakaemachi; member, Rotary Int'l, (1925-27). Res: 880 Ten-noji-cho, Sumiyoshi-ku, Osaka-shi.  
 KASUGA, Hiroshi: per. dir., Sumitomo Metal Ind., dir., Sumitomo Aluminum, Gas tube dale, Sumitomo Aluminum Refinery; aud., Manchoukuo, Sumitomo Steel Tube; vice-pres., Japan Field and Track Assn b. 1885, Nagano-ken; former per. dir., of Sumitomo Life Ins. Co. Res: 56 Shimaya-cho, Konohana-ku, Osaka-shi. (1937)  
 KATAOKA, Naomasa: pres., Osaka Gas Co.; Sakai Gas Co.; dir., Hanshin Elec. RR.; Osaka Elec. Tramway Co.; Sangu Elec. Express Ry Co.; b. 1883; grad. Hyoto Imp. Univ., 1910; served Nankai Ry.; member, Rotary Int'l, 1924 Address 3, Nakanoshima, Kita-ku, Osaka-shi (1944)  
 KATAOKA, Otogo: pres., Nomura Shoken KK, Ltd. (bond dealer), 2-chome, Azuchi-machi, Osaka-shi; member, Rotary Int'l, 1926-40. Res: 1-chome, Kotobuki-dori, Oka-machi, Toyonaka-shi.  
 KATAOKA, Yasushi: architect, member, Osaka Industrial Society, Res: Daido Bldg., Tosabori, 1-chome, Nishi-ku, Osaka-shi.  
 KATO, Fukuichi: mng. dir., Osaka Shosen (steamship co). (1944)  
 KATO, Haruhiko: mng. dir., Konoike Bank, Ltd., 3-chome, Imabashi, Osaka-shi; member, Rotary Int'l, 1933-40.  
 KATO, Kotaro: mng. dir., The Kansai Trust Co. Ltd., 26, 4-chome, Kitahama, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1926-40. Res: Tsukaguchi, Tachibana, Kawabe-gun, Hyogo-ken.  
 KATO, Masao: mng. dir., Osaka Savings Bank, Ltd., 3-chome, Fushimi-machi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1932-40. Res: Takarazuka, Hyogo-ken.  
 KATO, Sakae: mng. dir., Sumitomo Steel Works, Ltd., 1797 Tennojimachi, Sumiyoshi-ku. (1929)  
 KATO, Toru: M.D. prop. of hospital, 10, 1-chome, Dosho-machi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1927-40. Res: same.  
 KAWAGUCHI, Kazuji: chief, Buildings and Repairs Sect; Gov's Secretariat, Pref. Gov't (1943)

KAWAHARA, Chikoa: mgr., Osaka branch, Nippon Yusen Kaisha, Ltd., Kawaguchi-cho, Nishi-ku, Osaka-shi; member, Rotary Int'l, 1940. Res: 2286, Tennoji-cho, Sumiyoshi-ku, Osaka-shi.

KAWAHARA, Tadao: inspector, Tondabayashi-machi Police Station, Minamikawachi-gun (1935)

KAWAKITA, Sankuro: constr. engr.; member, Bldg. Inst. Address: 14 Kaiwaki-cho, Higashinari-ku, Osaka-shi. (1930)

KAWANO, Kokei: treas., Izumiotsu-shi. (1943)

KAWANO, Shojiro: sup't; Funaba Police Station, Osaka-shi (1935)

KAWANORI, Yasunosuke: mayor, Sakai-shi. (1944)

KAWARADA, Kakichi: pres., Kinki Regional Admin. Bloc.; ex-gov., Osaka-ken appointed July, 1943; b. 1886; Home Min, 1937; member, House of Peers, 1938; Educ. Min., 1939. (1944)

KAWASAKI, Hirakatsu: exec. dir., Toyo Rope & Wire Co., Sanomachi, Izunami-gun. (1937)

KAWASAKI, Moriharu: architect; member, Architectural Inst. Address 17 of 3 Nakatsu Higashi-dori, Higashiyodogawa-ku, Osaka-shi. (1930)

KAWASAKI, Suketaro: pres., Shinko Woolen Weaving Co.; Shinko Rayon Co., Nippon Woolen Thread Spinning Co., Asahi Woolen Thread Spinning Co., Kobe Woolen Spinning Co., Kyoto Woolen Spinning Co., Toyo Woolen Thread Spinning Co.; b. 1873, Osaka.

KAWATA, Shiro: pres., Osaka Commercial Univ., member, Rotary Int'l, 1928-40. Address: Karasuga-Tsuji, Tennoji-ku, Osaka-shi.

KETO, Katsumoto: lawyer; prop., Keto Katsumoto Law Office, Daido Bldg., 1-chome, Tosabori, Nishi-ku, Osaka-shi; member, Rotary Int'l, 1930-40.

KIDO, Hisashi: mgr., Osaka branch, Mitsukoshi Gofukuten, Ltd., (department store) 2-chome, Koraihashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1925-30.

KIDO, Motosuke: chairman, Bd. of Dir., Osaka Mainichi Shimbun (newspaper), Dojima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1932-40.

KIDO, Sakichi: head, Public Works Dept. Pref Gov't (1943)

KIKUCHI : chief, Econ. Dept., Pref. Gov't (1941)

\*KIKUCHI, Bungo: b.1894; attended Osaka Comm. College, 1914-18; Columbia Ext., 1918-19.

KIKUMOTO, Maojiro: pres., Bd. of Dir., Toshi Heavy Ind. stock Co. (1944)

KIKURO, Kishida; mgr., Osaka branch office of East Asia Sea Transp. Co., 1-49 Honda-cho, Nishi-ku, Osaka-shi. (1944)

KIMASE, SaKuzo: mng. dir., The Ajikawa Land Co. Ltd. (real estate), 34, Komiya-cho, Tennoji-ku; member, Rotary Int'l, 1926-40.

KIMURA, Makoto: constr. engr.; member, Bldg. Inst. Address: Kitakawachi-gun. (1930)

KIMURA, Shoichi (Masaichi): architect; member, Architectural Inst. Address: 98 Aizaka Ue-no-no, Tennoji-ku, Osaka-shi. (1930)

KIMURA, Tatsujiro: inspector, Hirano Police Station, Osaka-shi.

KINOSHITA, Kazuo: head, Nishiyodogawa-ku, Osaka-shi, (1943)

KINOSHITA, Shigeru: mng. dir., Yamaichi Securities & Osaka Branch; grad. Waseda Univ.; entered Mitsubishi Goshi; Dir., Toyo Bearing Mfg. (1937)

KINOYAMA, Teruo: architect; member, Architectural Inst. Address: 44 of 6 Zengenji-cho, Kita-ku, Osaka-shi. (1940)

KINUGAWA, Muraji: engr.; Sumitomo Tube and Copper Works, Ltd., 56 Shimaya-cho, Konohana-ku, Osaka-shi. (1929)

KIRIBUCHI, Kanzo: principal, Osaka Imamiya Mech. Sch. (1940)

KIRYU, Hidehiro: asst. inspector, Ajikawa Water Police Headquarters, Osaka-shi. (1935)

KISHI, Kishiro: mng. dir., Sanpin Exchange (cotton exchange), 3-chome, Kitakyotaro-machi, Higashi-ku, Osaka-shi; member Rotary Int'l, 1927-40. Res: Ishigatsuji, Tennoji-ku, Osaka-shi.

KISHIMOTO, Hikoe: assoc., Kishimoto Shoten, Ltd. (iron dealer), 8, 6-chome, Nakanoshima; member, Rotary Int'l, 1925-40.

KISHIMOTO, Kinzaburo: auditor, Kishimoto Shoten Ltd. (Steel Rod & Wire Mfg.); member Rotary Int'l, 1940. Res: 78 Reijincho, Tennoji-ku, Osaka-shi.

KITA, Zennosuke: treas., Fuse-shi. (1943)

KITADA, Kurashi: mgr., Kitsukoshi Dept. Store, 2-chome, Koraihashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1925.

\*KITAGAWA, Kazue: elec. engr.; assoc. Sumitomo Elec. Wire & Cable Wks, Ltd. Osaka-shi; b. 1904 grad. Tokyo Imp. Univ., 1927, entered Sumitomo Elec. Wire and Cable Wks. Ltd.; 1928, studied elec. cables in London; 1928, studied elec. cables at Milan, Italy, as representative of Sumitomo; applied for assoc. membership in Am. Inst. Elec. Engrs in 1929. Address: 46, 2-chome, Uesho-machi, Tennoji-ku, Osaka-shi.

KITAJIMA, Tomoyasu: asst. inspector, Ichiba Police Station, Shindachi-machi, Izunami-gun. (1935)

KITAMURA, Teiji: mayor, Ikeda-shi (1943)

KITAMURA, Yoshijiro: constr. engr.; member, Bldg. Inst. Address: 25 Zaimoku-cho, Sakai-shi. (1930)

KITAZAWA, Keiji: mgr., Sumitomo Elec. Wire & Cable Works, 60 Minami-cho, Shikishima, Konohana-ku, Osaka-shi. (1929)

KIYOSE, Ichiro: lawyer; pres. Kiyose Law Firm, 15, Kinugasa-cho, Kita-ku, Osaka-shi; member, Rotary Int'l, 1926-29.

KO, Seiichi: mng. dir., Sumitomo Life Ins. Co. Ltd., 5-chome, Kitahama, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1928-40. Res.: Kannonbayashi, Sumiyoshimura, Muko-gun, Hyogo-ken.

KIZUTANI, Yeisaburo: bur. of electricity, Osaka Municipality, 1-chome, Keijo Minami-dori, Minato-ku, Osaka-shi (1929).

KOBAYASHI, Ichizo: mng. dir., Hankyu Elec. Ry. Co. Ltd. Umeda, Kita-ku, Osaka-shi; member, Rotary Int'l, 1925-29.

KOBAYASHI, Matajiro: Sup't Izuo Police Station, Osaka-shi. (1935)

KOBAYASHI, Mitsuzo: constr. engr.; member, Bldg. Inst.; planning Dept. of Takenaka Komuten (Public Works Store). Address: 3-chome, Saiwai-dori, Oka-machi, Toyonaka-shi. (1930)

KOBAYASHI, Rinnosuke: prop., Daikoku Awadoshiten, (confections manufacture) 8 1-chome, Kitahoriye, Nishi-ku, Osaka-shi; member, Rotary Int'l, 1929.

KOBAYASHI, Shoichiro: mgr. Osaka branch, Savings Bank of Japan; former member, Bd. of Dir. (1945)

KONE, Kichitaro: pres., Tomijimagumi, Ltd., Temiji-machi, Konohana-ku, Osaka-shi; member, Rotary Int'l, 1932-40.

KOIDE, Eiichi: chief, Commerce & Industry Sect. 2, Economic Dept, Pref. Gov't (1943)

KOIZUMI, Hiizu: principal, Boys' Middle Sch., 5 Showa-cho, Naka 3-chome, Sumiyoshi-ku, Osaka-shi. (1938)

\*KOIZUMI, Noboru: pastor, Osaka-shi Church (Lutheran), 21 Shim-poin-cho, Tennoji-ku; Christian; b. 1909; grad. Doshisha Univ., Kyoto, and the Lutheran Theological Seminary, Tokyo. (1941)

KOJIMA, Kasuke: prop., Kojima Kasuke Shoten (curio shop), 3-chome Korabashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1937-40. Res: 24, 3-chome Fushimi-cho, Higashi-ku, Osaka-shi.

KOKURA, Tomokichi: chief of Police Station, Nishiyodogawa-ku, Osaka-shi (1943)

KONO, Mitsushi: Osaka Mainichi Shimbun (newspaper), Dojima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1924-40.

KOSUGA, Hidetada: head of Local District Office for Kitakawachi-gun, Pref. Gov't (1943)

KOTAKE, Yashiro: dir., Osaka Med. Society, Memorial Hall, Faculty of Med., Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

KUGINUKI, Terakichi: asst. inspector, Fukuda Police Station, Higashitoki-mura, Izukita-gun. (1935)

KUJIMA, Seiichi: mng. dir., Sumitomo Kinzoku KK (metal), 56 Shimaya-cho, Konohana-ku, Osaka-shi.

KUMAGAI, Makoto: chief procurator, Osaka Ct. of Appeal. (1945)

KUMAKURA, Masaichi: constr. engr., member, Bldg. Inst. Address: 1 of 2 B an-cho, Kawaraya-machi. (1930)

KUMANO, Tokujiro: chief, Legislative Matters Sect., Gov's Secretariat, Pref. Gov't (1943)

KURASUNA, Konan: chief, Peace Preservation Dept. of Police Bur., Osaka-shi. (1944)

KURATA, Hiroshi: chief public procurator, Osaka Ct. of Appeals. (1944)

KUROKAWA, Fukusaburo: pres., Kurokawa Shoten, Ltd. (stock broker), 2-chome, Kitakyutaro-machi, Higashi-ku, Osaka-shi; member, Rotary Int'l 1928-40. Res: 8 of 8-chome, Uehon-machi, Tennoji-ku, Osaka-shi.

KUSANO, Hyoichiro: chief justice, Osaka Ct. of Appeal. (1944)

KUSUMOTO, Chozaburo: M.D. pres., Osaka Med. College, Dojima Hamadori, Kita-ku, Osaka-shi; member, Rotary Int'l, 1926-40; pres., Osaka Med. Society, Memorial Hall, Faculty of Med., Osaka Imp. Univ., Res: 20 Dojima, Uramachi, 3-chome, Kita-ku, Osaka-shi.

\*KUSUYAMA, Yoshitaro: b. 1897; attended Waseda Univ., Tokyo, 1916-20; Columbia S.S., 1922. Res: Osaka Mainichi. (1939)

MAEDA, Banichi: constr. engr.; member, Bldg. Inst. Address: 863 Higashi Kana-machi, Naniwa-ku, Osaka-shi. (1930)

MAEDA, Kaneyoshi: asst. inspector, Mibayashi Police Station, Minamikedamura, Izukita-gun. (1935) chief of Police

Station, Toshima-ku, Osaka-shi. (1943)

MAEDA, Kiyosaburo: treas., Kishiwada-shi. (1943)

MAENO, Hisashi:(Sakae): head, Joto-ku, Osaka-shi. (1943)

MAGARA(Magami) Fujizo: constr. engr., member, Bldg. Inst. Address: 17 of 1 Rosho-cho, Kita-ku, Osaka-shi. (1930)

MAKI, Masutaro: sup't, Ebisu Police Station, Osaka-shi. (1935)

MAKI, Shoichi(Masakazu): dep. Mayor, Izumiotsu-shi, (1943).

\*MAKI, Tadakatsu: b. 1906; attended Kansai Univ., 1922-27; Duke Univ., 1927; Yale Univ., 1928; Pennsylvania Univ., 1928-29; Columbia S.S. 1929. Res: 10 Kofukamachi, Kita-ku, Osaka-shi.

MAKINO, Kiyomitsu: head of Local District Office for Mishima-gun, Pref. Gov't (1943)

MAKITA, Hiroshi: constr. engr.; member, Bldg. Inst. Address: 15 Sado Yao-machi, Nakakwachi-gun. (1930)

MANABE, Kei: chief, Firse Station, Kita-ku, Osaka-shi. (1935)

MARUMO, N: div. chief engr., Broadcasting Corp. of Japan, Osaka Div. (1944)

MASAYASU, Edayoshi: chief, Osaka branch office of Vessel Transp. & Opn. Soc. (1944)

MATSUDA, Gumpei: constr. engr.; member, Bldg. Inst. Address: Mitsui Ginko, Osaka Shiten, Kencukuba, Kita Kuboji-cho, Higashi-ku, Osaka-shi. (1930)

MATSUI, Manroku: dir., DaidoLife Ins. Co. Ltd., Tosabori, Nishi-ku, Osaka-shi; member, Rotary Int'l, 1924-40; Res: 6143 Minami Tomagaya, Tennoji-ku, Osaka-shi.

MATSUKATA, Masao: chairman, Osaka Central Broadcasting Station, 9-chome, Uehonmachi, Higashi-ku, Rotary Int'l, 1927-29.

MATSUKURA, Masaji: head of Local District Office for Semboju-gun, Pref. Gov't (1943)

MATSUMORI, Hideo: chief, Promotion Sect., Internal Affairs Dept., Pref. Gov't (1943)

MATSUMOTO, Hajime: head, Osaka Imp. Ind. Laboratory, Daini Nishi 2-chome, Nishiyodogawa-ku, Osaka-shi. (1930)

MATSUMOTO, Junji: pres., Japan Aluminum Mfg. Co.; member, Metal Industry Control Soc. Address: 472 Miyabara-cho, Higashi-yodogawa-ku, Osaka-shi. (1943)

MATSUMOTO, Kenshiro: chief of Police Station, Higashi-ku Osaka-shi (1943)

MATSUMOTO, Kisaburo: Architect; member, Architectural Inst. Address: 12 Nishino-cho, Juso Higashiyodogawa-ku, Osaka-shi. (1930)

MATSUMOTO, Sokicho: editorial chief, Senshu Godo Shimpo, Sakai-shi; member, Japan's Press. Assoc. (1943) Address: Sakai-shi.

MATSUNAGA, Shingen (Noboharu): Constr. engr.; member, Bldg. Inst. Address: Mainamino-cho Higashi Takatsu Tennoju-ku, Osaka-shi. (1930)

MATSUOKA, Hidenaga: elec. eng.; Nippon Elec. Power Co. 1 Soze-cho, Kita-ku, Osaka-shi. (1920)

MATSUOKA, Junkichi: Prop., Matsuoka Farm. Address: 1-chome, Dojima-Hama-dori, Kita-ku, Osaka-shi; member, Rotary Int'l, 1928-32.

MATSUSUHITA, Kikumatsu: chief, Military Affairs Sect., Internal Affairs Dept., Pref. Gov't. (1943).

MATSUURA, Takeo: dir., Nippon Printing Material Co., 18 Tenjinnomori, 2 chome, Sumiyoshi-ku, Osaka-shi. (1929).

MAYEDA, Matsunaye: M.D.; principal, Osaka branch, Hospital of the Red Cross Soc., Tennoji-ku, Osaka-shi; member, Rotary Int'l, 1926-40.

MAYEDA, Sunao: mng. dir., Konoike Shintaku, Ltd., (trust investment), 3-chome, Imabashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1932-40.

MEGURO, Toransouke: sup't.; Osaka Water Police Headquarters, Osaka-shi. (1935).

MERA, Yutaka: constr. engr., member, Bldg. Inst. Address: 3-chome, Hannan-cho Nishi, Sumiyoshi-ku, Osaka-shi. (1930)

MILURA, Kiichi: pres., Sumitomo Metal Ind. Ltd.; member Mining Control Soc. Address: 56 Shimaya-cho, Konohana-ku, Osaka-shi. (1943)

MINAMI, Kamekichi: constr. engr., member, Bldg. Inst. Address: 2 of 104 Shimoichi-mura, Kashihara-machi, Nakakawachi-gun. (1930)

MANAMI, Yoshiichi: chief of Police Station, Joto-ku, Osaka-shi (1943)

\*MISAKE, Shozo: elec. engr., Hanshin Elec. Ry. Co. Ltd., Umeda Kitaku, Osaka-shi; member, Rotary Int'l, 1924-29. Res: Higuchi-Shinden, Ashiya Seidomura, Muko-gun, Hyogo-ken.

MITANI, Tokutarō: asst. inspector, Mizu Police Station, Okibe-mura, Fuse-shi head, Taisho-ku, Osaka-shi, 1943.

MIURA, Yoshimi: head, employment bureau, YMCA, Tosabori-dori, 2 chome, Nishi-ku, Osaka-shi. (1938)

MIYADA, Chuji: dep. Mayor, Fuse-shi. (1943)

MIYAGI, Kunihiro: elec. engr.; Sumitomo Elec. Wire & Cable Wks., Konohana-ku, Osaka-shi; b. 1898; grad. Tokyo Imp Univ., 1922; working for Sumitomo Co. since 1922; member, Inst. Elec. Engrs. of Japan. (1936)

MIYAKE, Masamitsu (Shozo): dep. mayor, Osaka-shi. (1943)

\*MIYAKE, Takuzo: b. 1900; attended Wesleyan Univ., 1928; Teachers College, Columbia, 1929; Columbia Grad. Faculty, sociology, 1929-31. Res: Omaha-Kita-machi, Sakai-shi.

MIYAMOTO, Taminosuke: asst. inspector, Ozaki Police Station, Ozaki-machi, Izunami-gun (1935); chief of Police Station, Jusanbashi District, Pref Gov't (1943)

MIYAZAKA, Eiji: constr. engr.; member, Bldg. Inst. Address: 99 of 2 Asahi-machi, Sumiyoshi-ku, Osaka-shi. (1930)

\*MIYAZAKI, Yukimitsu: b. 1897; attended Columbia Grad. Faculty, 1927-29. Res: Sennojiken, Osaka-shi.

MIZUTANI, Masajuro: pres., Marukigo Ltd. (bread mfg), 2 chome Kitahorie-dori, Nishi-ku, Osaka-shi; member, Rotary Int'l, 1933-40. Res: same.

MORI, Akimitsu: inspector, Tsunajima Police Station, Osaka-shi. (1935)

MORI, Hisagaro: elec. engr., Nippon Elec. Power Co., Osaka-shi; b. 1892; grad. Tokyo Imp. Univ., 1919, elec. enrg.; since 1919, employed in Designing Dept. of Nippon Elec. Power Co.; applied for membership in Am. Inst. Elec. Engrs., 1921.

MORI, Naohiro: engr. Daido Elec. Power Co., Korabashi, Higashi-ku, Osaka-shi. (1929)

MORINAGA, Moichi: sup't., Kawaguchi Police Station, Osaka-shi. (1935)

MORINOBU, Keiji: mng. dir., Rignite Co. Ltd. (Resin Gum mfg.), Nozato-cho, Nishiyodogawa-ku, Osaka-shi; member, Rotary Int'l, 1940.

MORISHITA, Masaichi: dep. mayor, Osaka-shi. (1943)

MORITA Giichi: sup't., Sonezaki Police Station, Osaka-shi.

MORITA, Kinnosuke: principal, girls' high sch., 515 Niemoncho, Tamatsukuri, Higashi-ku, Osaka-shi. (1938)

MORITA, Saburo: pres., Osaka Hotel, Ltd., Imahashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1929-40. Res: Osaka-Hotel, Osaka-shi.

\*MORITA, Tsunenao: b. 1881; attended Tohoku Imp. Univ., Columbia Ext. 1924-25. Res: Hira Kata-machi, Kitakawachi-gun.

MORO, Takayoshi: chief, Bd. of Dir., Western Wire Twisting Ind. Assoc.; member, Metal Industry Control Soc. Address: 9 of 2-chome, Naka-Dojima, Kita-ku, Osaka-shi. (1943)

MURAI, Jun: chief, Education Sectl, Internal Affairs Dept., Pref. Gov't (1943)

MURAJI Masatsugu: sup't., Sakai-shi Police Station. (1935)

MURAKAMI, Isao: inspector, Ibaraki-machi Police Station, Mishima-gun (1935)

MURAKAMI, Kinjiro: chief sec'y, Secretariat of the Metropolitan Police Hqs.; chief, Peace Preservation Dept. (1944)

MURANO, Togo (Fujigo): const. engr.; member, Bldg. Inst. Address: 38 of 2 Matsuzaki-cho, Sumiyoshi-ku, Osaka-shi. (1930)

MURAOKA, Iwaemon: inspector, Takatsuki-shi Police Station. (1935)

MURASE, Sueichi: vice-pres., Daido Elec. Power Co., 7 Muromachi, Ieda-cho, Osaka-shi. (1935)

MURATA, Sataro: inspector, Shibajima Police Station, Osaka-shi. (1935)

MURATA, Shozo: vice-pres., Japan-America Soc. of Kansai, Sumitomo Bldg., 22, Kitahama, 5-chome, Higashi-ku, Osaka-shi, pres.; Japan British Soc. of Kansai, 1 Soze-cho, Kita-ku Osaka-shi; pres., Free Traders Assoc. of Japan, Osaka Bldg., Nakanoshima, Kita-ku, Osaka-shi. (1939)

MURA Takashi: chief, Foreign Correspondence Dept. of the Kajima Bank, (commercial banking), 1 Tosabori, Nishi-ku; member, Rotary Int'l.

MURAYAMA, Yoshisaburo: constr. engr.; member, Bldg. Inst. Address: Osaka Shiritsu Miyakojima Kogyo Gakko. (1930)

NAGAHAMA, Sokitsu: M.D. Osaka Med. Soc., Memorial Hall, Faculty of Med., Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

NAGAHASHI, Masamichi: M.D.; member of Standing Committee, Inst. of Physical Therapy, Osaka Imp. Univ., Osaka-shi. (1939).

NAGAI, Senzo: principal, #1 Kansai Tech. Sch. (1940)

NAGAI, Shigeo: chief, Rivers & Harbors Sect., Public Works Dept., Pref. Gov't. (1943)

NAGAI, Shigeru: pres., Toyo Linoleum Co. Ltd. (linoleum mfg.), Sanwa Bldg., 3 chome, Kawara-machi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1937-40. Res.: 9, Naka, 1-chome, Tezukayama, Sumiyoshi-ku, Osaka-shi.

NAGAKI, Shigezo: constr. engr.; member, Bldg. Inst. Address: 1 of 4 Tanabe, Higashino-cho, Sumiyoshi-ku, Osaka-shi. (1930)

NAGANO, Toshio: chief, police Dept. of the Osaka Police Bur. (1943)

NAGAO, Katsuma: architect; member, Architectural Inst. Address: 1694 Sumiyoshimachi, Sumiyoshi-ku, Osaka-shi. (1930)

NAGASHIMA, Riichiro: chief of Police Station, Sakaikita District, Pref. Gov't. (1943)

NAITO, Teiichi: constr. engr.; member, Bldg. Inst., 1 Shin Kawasaki-cho, Kita-ku, Osaka-shi. (1930)

\*NAKA, R.: pres., Kiyo Trading Co., 3-chome, Nakanoshima, Asahi Bldg., Osaka-shi; b. 1885; former agent in San Francisco for Suzuki & Co. and after the failure of that firm in 1929 he became the agent for the firm of J.J. Moore & Co., Inc. in San Francisco, for Japan, doing an extensive business in lumber; 1935, took this agency over on his own account. (1935)

NAKADA, Masuko: b. 1906; attended Seminary of Sacred Heart, Tokyo, 1922-23; Yuhigaoka Girls School, 1918-22; Columbia Ext., 1929-30. Res.: 7 of 1-chome, Shimamachi, Higashi-ku, Osaka-shi

\*NAKADA, Nobunao: clerk, Yasuda Trust Co., b. 1901; attended Tokyo Imp. Univ., 1923-26; Columbia Ext., 1929-30.

NAKADA, Shigeru: treas., Toyonaka-shi. (1943)

NAKADA, Zennosuke: head, Higashisumiyoshi-ku, Osaka-shi. (1943)

NAKAGAWA, Katsuei: pres., Osaka Timber Assoc., 136 Chishima-cho, Taisho-ku, Osaka-shi. (1939)

NAKAGAWA, Mitsuharu: constr. engr., member, Bldg. Inst. Address: Suigenchi Higashi Kosha, Shibashima-machi, Higashiyodogawa-ku, Osaka-shi. (1930)

NAKAGAWA, Tanejiro: mayor, Toyonaka-shi. (1943)

\*NAKAGAWA, Yotaro: b. 1898; attended Kanai Univ., Columbia Ext. & S.S., 1925-29. Res.: 2-26 Izumi-machi, Izukita-gun.

NAKAHASHI, Buichi: pres., The Osaka Bldgs., Ltd., (building management), Osaka-shi; member, Rotary Int'l., 1932-40.

NAKAI, Keikichi: dep. mayor, Takatsuki-shi. (1943)

NAKAI, Mitsuji: dep. mayor, Osaka-shi. (1943)

NAKAI, Tokuzo: architect; member, Architectural Inst. Address: 14 of 1 Bancho, Kawaraya-machi, Minami-ku, Osaka-shi. (1930)

NAKAIDE, Sadao: architect; member, Architectural Inst. Address: 3 chome, Saiwai-dori, Oka-machi, Toyonaka-shi. (1930)

NAKAIE, Makoto: constr. engr.; member, Bldg. Inst. Address: 51 Nishi, 1-chome, Sumiyoshi-ku, Osaka-shi. (1930)

NAKAJIMA, Yoshisada: M.D.; member, Standing Committee, Inst. of Physical Therapy, Osaka Imp. Univ., Osaka-shi. (1939)

NAKAMURA, Eizo: sec'y., Japan British Soc. of Kansai, 1 Soze-cho, Kita-ku, Osaka-shi. (1939)

NAKAMURA, Haruka: charge, Neighborhood House for Boat Dwellers, 122 Tenpo-cho, Minato-ku, Osaka-shi. (1938)

NAKAMURA, Shizuka: officer, Osaka Zymological Soc., Dept. of Engrg., Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

NAKANE, Sadahiko: pres., Sanwa Bank, Ltd., Osaka-shi; mfg., Osaka Branch Office, Bank of Japan, Ltd., 23, 2-chome, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l., 1927-32. Res.: same.

NAKANO, Junjiro: architect; member, Architectural Inst.; head, Bldg. Dept., Tojima Tech. Sch. and of the No. 2 Tech. Sch.; Address: 4 of 8 Zengenji-cho, Kita-ku, Osaka-shi. (1930)

NAKANO, Namisuke: procurator, Osaka Ct. of Appeals. (1944)

NAKANOMA, Akira: principal, Foreign lang. school, 8-chome, Uehon-machi, Tennoji-ku, Osaka-shi; member, Rotary Int'l., 1924-40.

NAKAOKA, Toyoma: sup't., Asahibashi Police Station, Osaka-shi. (1935)

NAKASHIMA, Tokio: chief, Roads Sect., Public Works Dept., Pref. Gov't. (1943)

NAKASUJI, Kunio: chief, Police Station, Naniwa-ku, Osaka-shi. (1943)

NAKAYAMA, Etsuji: pres., Nakayama Steel Mfg. Co., Inc., 2 Nishin Seimei Bldg., 2 Ote-cho, Kojimachi-ku, Osaka-shi. (1943)

NAKAYAMA, Ryukichi: mng. dir., Nakai Tetsudo KK (Elec. Light Supplying), Nanba, Minami-ku, Osaka-shi; member, Rotary Int'l., 1933-40.

NAKAZAWA, Morinao: engr., Tamamoto Komusho, 1 of 391 Kasugade-cho, Konohana-ku, Osaka-shi. (1929)

NAMARI, Ichitaro: chief, Industrial Science, Research Inst., Osaka Imp. Univ. (1944)

NANGO, Saburo: pres., Japan Cotton Merchants Union, Mengyokaikan, Bingo-machi, Higashi-ku, Osaka-shi; vice-pres., Japan America Soc. of Kansai, Sumitomo Bldg., 22, Kitahama, 5-chome, Higashi-ku, Osaka-shi; treas., Japan British Soc. of Kansai, c/o Osaka Mercantile S.S. Co., 1 Soze-cho, Kita-ku, Osaka-shi; pres., Nihon Menka KK (cotton cloth exporting), Nakanoshima, Osaka-shi; member, Rotary Int'l, 1940.

NAOKI, Rintaro: civil engr.; dir., Obayashigumi Ltd., Kyobashiku, Higashi-ku, Osaka-shi; member, Rotary Int'l., 1927-40; res.: Noza-kidori, Kobe-shi.

NARUSE, Tatsu: pres., Nippon Life Ins. Co., Kansai Trust Co.; auditor, Takashimaya Ltd., Osaka Mainichi Shimbun, Mayako Hotel, New Osaka Hotel; b. 1885, Tokyo; grad. Tokyo Imp. Univ., law, 1909; joined Agr. & Com. Dept.; chief sec'y. House of Peers; resigned 1931; mng. dir. Nippon Life Assurance Co., 1932; present post since 1937. Address: 2 9 Joan-cho, Kita-ku, Osaka-shi. Listed in Who's Who, 1941.

NIIDA, Naozo: editorial chief, Nippon Orimono Shimbun Osaka-shi; member, Japan's Press Assoc. (1943)

NITTA, Aisuke: pres., Koa Aircraft Materials Co., Ltd. Address: Sakuragawa-cho, 4-chome, Naniwa-ku, Osaka-shi.

NISHIDA, Denzaburo: dep. mayor, Kishiwada-shi. (1943)

NISHIKATSU, Kizaemon: constr. engr., member, Bldg. Inst. Address: 227 Shimo Ishizu, Hamadera-machi, Sakai-shi. (1930)

NISHIKAWA, Toramatsu: inspector, prefectural Police Trng. Sch., Osaka-shi. (1935). Chief, Police Station, Minami-ku, Osaka-shi. (1943)

\*NISHIMOTO, Mitoji: b. 1899; attended Yao Middle Sch., 1911-16; Tennoji Normal Sch., 1916-20; Columbia S.S., 1924. Res: Matsubara-mura, Nakawachi-gun.

\*NISHIMURA, Katsutarō: b. 1900; attended Kansai Univ., 1917-20; Columbia Ext. 1924-25. Res: 5882, 2-chome, Katsuyama, Osaka-shi.

NISHIMURA, Tomoichi: dir., Osaka Central Broadcasting Station (Radio Service), Baba-cho, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1940. Res: 503 Ohaza Doe, Moriguchi-machi, Kitakawachi-gun.

NISHINO, Keitaro: asst. inspector, Kashihara Police Station, Kashihara-machi, Minamikawachi-gun. (1935)

NISHIO, Ushimatsu: asst. inspector, Furuichi-machi Police Station, Minamikawachi-gun. (1935)

NISHIURA, Ukichi: Dir., Federation of the Gov't Employees Trade Unions, 860 Echumachi, Higashi-ku, Osaka-shi. (1936)

NISHIYAMA, Tsutomu: br. mgr., Yokohama Specie Bank, 5-chome, Kitahama, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1937-40. Res: 81, 6 chome, Nakayamate-dori, Kobe-shi.

NITA, Isamu: chief, Physics Dept., Osaka Imp. Univ. (1944)

NODA, Tomozo: pres., Nodaya Ltd (Restaurant), Kitahama, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1932-40.

NOGUCHI, Shigeta: mng. dir., Osaka Seisa Zoki (chain and machine mfg) KK., 4 Nishi-dori, 1-chome, Toyosaki, Higashiyodogawa-ku, Osaka-shi. (1941)

NOMURA, Keiichi: constr. engr.; member, Bldg. Inst. Address: 32 of 1 Sakaminami Nishi, Sumiyoshi-ku, Osaka-shi. (1930)

NOMURA, Shiro: head, Minami-ku, Osaka-shi. (1943)

NOZAKI, Seiichi: pres. & dir., Howa Heavy Industrial Stock Co., Osaka-shi. (1944)

NUMADA, Shichijiro: pres., Japan Submarine Cable Co. Ltd.; member, Metal Industry Control Soc. Address: 18 of 3-chome, Tsuruhama-dori, Taisho-ku, Osaka-shi. (1943)

NUMANO, Tsumikichi: treas. (ad interim), Kaizuka-shi. (1943)

OBATA, Gennosuke: pres., Nihon Paint Mfg. Co. Ltd. (oil paint mfg), 125, Uraye, Nishiyodogawa-ku; member, Rotary Int'l, 1929-40.

OBATA, Kametoshi: M.D., dir., The Osaka Med. Soc., Memorial Hall, Faculty of Medicine, Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

OBAYASHI, Yoshio: civ. engr. & gen'l contractor, Kyobashi 3-chome, Higashi-ku, Osaka-shi, member, Rotary Int'l, 1925-40.

ODA, Sayoji: asst. inspector, Nukada Police Station, Hiraokamachi, Nakawachi-gun. (1935) chief, Labor Administration Sect., Police Dept., Pref. Gov't (1943).

OGASAWARA, Utsushi: engr., 30 of 4-chome, Abenosuji, Sumiyoshi-ku, Osaka-shi.

OGATA, Nakaba (Han): chief, Police Affairs Sect., Police Dept., Pref. Gov't (1943)

OGAWA, Koji: chief, draft dept., Sumitomo Metal Works. Res: 56 shimaya-cho, Konohana-ku, Osaka-shi. (1943).

OGAWA, Tan (Kitau): chief, Civilian Defense Sect., Police Dept., Pref. Gov't. (1943)

OGURA, Kinnosuke: head, Shiomi Science Research Inst. b.1885, Yamagata-ken; grad. Tokyo School of Natural Philosophy; assistant in science dept. of the Tohoku Imp. Univ., later a teacher at Osaka Med. College; went to France to study mathematics; upon return joined the staff of the Shiomi Science Research Inst. and became its president in 1932.

OGURA, Masatsune: pres., Japan-America Soc. of Kansai, Sumitomo Bldg., 22, Kitahama 5-chome, Higashi-ku, Osaka-shi. (1939)

OHARA, Kazenta: inspector, Ichioka Police Station, Osaka-shi. (1935)

OHIRA, Kensaku: per. dir., Sumitomo Bank; dir., Showa Bank, Saga 106th Bank, Sanshu Heiwa Bank and Sumitomo Bldg. KK; Aud., Sumitomo Elec. Wire Mfg. Co. b.1886. Res: 22 Kitahama, 5-chome, Higashi-ku, Osaka-shi. (1937)

OISAKI, : dep. mayor (ad interim), Kaizuka-shi. (1943)

OKADA, Gentaro: mng. dir., Naigai Menka (cotton goods mfg), 41 Kita-dori, Dojima, Kita-ku, Osaka-shi; member Rotary Int'l, 1937-40. Res: Yoshimoto-mura, Muko-gun, Hyogo-ken.

OKADA, Ichi: mng. dir., Nakai Tetsudo Kabushiki Kaisha, Ltd. (cable car) Nanba, Naniwa-ku, Osaka-shi; member, Rotary Int'l, 1928-31.

OKADA, Moto: sup't., Kujo Police Station, Osaka-shi. (1935)

OKADA, Saiichi: head, Osaka Branch, Bank of Japan, 34 of 2 Matsuzaki-cho, Sumiyoshi-ku, Osaka-shi. (1937)

OKAHASHI, Rin: per. dir., Sumitomo Bank; dir., Buzen Bank; aud., Nihon Plate Glass, and Hasebe-Takegoshi Construction Office; b.1883, Fukuoka-ken; grad. Tokyo Higher Com. Sch. 1906; entered Sumitomo Bank; mgr., Shimonoseki Branch, Nagoya branch and Tokyo Branch; toured Europe and

US. Res: 22 Kitahama, 5-chome, Higashi-ku, Osaka-shi (1937)  
 OKAJIMA, Yasuji: sup't, Tamazukuri Police Station, Osaka-shi. (1935)  
 OKAMOTO, Hiroshi: constr. engr.; member, Bldg. Inst. Address: 6 of 5 Ichioka, Moto-machi, Minato-ku, Osaka-shi. (1930)  
 OKAMOTO, Kiichiro: constr. engr.; member, Bldg. Inst. Address: Takahashi-gumi, Sakugyo-cho, Bingu-machi, Higashi-ku, Osaka-shi. (1930)  
 OKAMOTO, Shigeru: head, Internal Affairs Dept., Pref. Gov't. (1943)  
 OKANO, Kiyohide: vice pres., Sanwa Bank, Ltd., Osaka-shi (1944)  
 OKANO, Masatoshi: head of Local District Office for Sennan-gun, Pref. Gov't. (1943)  
 OKITA, Kasaburo: dep. mayor, Takatsuki-shi. (1943)  
 OKUBO, Yasuo: dir., Osaka Police Bur. (1944)  
 OKUDA, Ikuzo: inspector, Abeno Police Station, Osaka-shi. (1935)  
 OKUMURA, Nobutaro: adviser, Better Farming Society, Osaka-shi. (1941)  
 OKUMURA, Shintaro: dir., Social Work Dept. of the Mainichi Newspaper Office, 2 Dojimakami, Kita-ku, Osaka-shi. (1940)  
 OKUYAMA, Harue: prop., Okuyama Bill Broker, Ltd. 3-chome, Fushimi-machi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1940.  
 OMORI, Kichigoro: chief, Omori Mercantile Agency, Kitahama 3-chome, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1940. Res: Rokko Kurakuen Nishinomiya, Osaka-shi.  
 ONO, Katsusaburo: const. engr.; member, Bldg. Inst. Address: Izumiotsu-shi.  
 OTA, Heishiro: dir., Osaka Shosen Kaisha, Ltd., c/o Osaka Shosen Kaisha, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1940.  
 OTA, Iwao: editorial chief, Osaka Keizai Shimbun, Osaka-shi; member, Japan's Press Assoc. (1943)  
 OTA, Masaaki: chief, Criminal Affairs Sect. & External Affairs Sect., Police Dept., Pref. Gov't. (1943)  
 OTA, Seikuro: sup't., Nakatsu Police Station, Osaka-shi. (1935)  
 OTAKA, Seishin: head, Tennoji-ku, Osaka-shi. (1943)  
 OTSUBO, Yasuo: head, Police Dept., Pref. Gov't. (1943)  
 OTSUKI, Ryoji: pres., Nara Seicha KK Ltd., (tea plantation), Nara; member, Rotary Int'l, 1926-27. Res: 68, 2-chome, Karabori-dori, Higashi-ku, Osaka-shi.  
 OURA, Etsuro: constr. engr.; member, Bldg. Inst. Address: 6 of 1 Higashi, Harima-machi, Sumiyoshi-ku, Osaka-shi. (1930)

OYA, Atsushi: chief, Administrative Dept., Sumitomo Goshi Kaisha, 12 of 5-chome, Kitahama, Higashi-ku, Osaka-shi. (1929)  
 OZAKI, Minoru: inspector, Ashihara Police Station, Osaka-shi. (1935)  
 SADAMORI, Toshio: chief of Police Station for Shi-machi District, Pref. Gov't. (1943)  
 SADONAGA, N: engr.; 75 of 3-chome, Kyobashi, Higashi-ku, Obayashi-gumi, Osaka-shi. (1944)  
 SAIHARA, Kunitaro: pres., Saihara Shoten, Ltd. (canned food mfg), 3-chome, Azuchimachi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1929-40.  
 \*SAITO, Shozo: engr, Research Inst., The Sumitomo Steel Wks. KK, Osaka-shi; b. 1889, Miyagi-ken; grad. Tohoku Imp. Univ. until 1920; employed by Sumitomo Steel Wks. in 1917; sent to Europe and America in 1930 to inspect condition of ry. equip. ordered by ry. dept. and to attend the Int'l Ry. Conf. held in Spain. Res: Takasago-dori, 3-chome, Toyonaka-shi. (1930)  
 SAKA, Shizuo: head, Bldg. Dept. of No. 1 Kansai Tech. Sch. (1940)  
 SAKAIDE, Narumi: head, Dept. of City Planning of Osaka, Osaka Municipal Office, Nakanoshima, Osaka-shi; member, Rotary Int'l, 1926-1940. Res: 2 Hachijo, Minato-ku, Osaka-shi.  
 SAKAMA, Muneji: mayor of Osaka; recommended for a third term to the Home Office through the Osaka Pref. Gov't.; b. 1886, Kanagawa-ken, grad: Tokyo Imp. Univ., Law, 1912; entered civil service, part time official Gifu-ken 1914; served as director, police dept. of Toyama-ken and administration depts. of Ehime, Miyagi, Kagawa, Hiroshima, Hyogo and Osaka prefectures during next 9 years; appointed governor of Gifu-ken; retired from civil service, became first deputy-mayor of Osaka in 1935; promoted to mayor in 1936, reelected in 1940. (1944) pres., Exporters' Ass'n of Osaka.  
 SAKATA, Seichi: owner, Sakata & Co., 3-chome, Sonizaki, Kita-ku, Osaka-shi. (1929)  
 SAKATO, Sadanobu: constr. engr.; member, Bldg. Inst. Address: 5 of 1 Shinkai-dori, Nishinari-ku, Osaka-shi. (1930)  
 SAKAMOTO, Chigen: chief, Foods Sect., Economic Dept., Pref. Gov't (1943).  
 SAKAMOTO, Jotaro: principal, Kansai Higher Tech. Sch. (1940)  
 SAKOMOTO, Yoshio: sup't, Imamiya Police Station, Osaka-shi. (1935)  
 SARATANI, Shinsaku: head, Bldg. Dept. of the Tojima Tech. Sch.; also, principal, No. 2 Tech. Sch. (1940).  
 SASA, Junkichi: constr. engr.; member, Bldg. Inst. Address: 1-chome, Abenosuji, Sumiyoshi-ku, Osaka-shi. (1930)



SASAKI, Heibu: constr. engr.; member, Bldg. Inst. Address: Hashimoto-gumi, Osaka-shi. (1930)  
 SASAKI, Komanosuke: mng. dir., The Yamaguchi Goshi Kaisha (holding company), Yamaguchi Bldg., Kawaramachi, Osaka-shi; member, Rotary Int'l, 1930.  
 SASAKI, Sentaro: mayor (adinterim), Kaizuka-shi. (1943)  
 SASAKI, Tokio: asst. prof., Osaka College of Engrg., 76 of 1-chome, Haruoki-dori, Sumiyoshi-ku, Osaka-shi. (1929)  
 SATO, Kiyohachi: constr. engr.; member, Bldg. Inst. Address: 307 Imafuku-machi, Higashinari-ku, Osaka-shi. (1930)  
 SATO, Seiko: chief, Fire Station, Ashibashi, Osaka-shi. (1935)  
 SATO, Taizo: constr. engr.; member, Bldg. Inst. Address: 20 of 4 Tanabe Higashino-cho, Sumiyoshi-ku, Osaka-shi. (1930)  
 \*SATOMI, Junkichi: mng. dir., Daimaru Dept. Store, Shinsaibashi Minami-ku, Osaka-shi; member, Rotary Int'l, 1931-40; delegate to Int'l Conf., 1932, 1934, 1938.  
 SAWAI, Shigezo: constr. engr.; member, Bldg. Inst. Address: 107 Kita Shimizu Higashinari-ku, Osaka-shi. (1930)  
 SAWAMURA, Mikio: inspector, Suita Police Station, Suita-shi. (1935)  
 SAWATAKE, Muneteru: chief, Bd. of Dr., Western Elec. Wire Insulating Ind. Assoc. member, Metal Industry Control Soc. Address: 33 of 2-chome, Tosabori, Nishi-ku, Osaka-shi. (1943)  
 SEHIDO, : chief engr., Osaka Mitsukoshi, Elec. Dept., Osaka-shi. (1944)  
 SEKI, Hajime: ex-mayor, Osaka-shi, member, Rotary Int'l, 1925-40. (1940)  
 SEKO, Konosuke: dir. & mgr., Osaka Branch office (Machine Importer of Mitsui Bussan Co., Ltd., 2-chome, Koraihashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1927-31.  
 SERA, Yoshita: officer, Bacteriological Research Inst., 12-9, Dojima Hama-dori, 2-chome, Kita-ku, Osaka-shi. (1939)  
 SHIBAYAMA, Shiro: sup't., Prefectural Fireman's Training Sch., Osaka-shi. (1935)  
 SHIBUYA, Nanyo: head, Personnel Sec., Sumitomo Bank; b. 1885; grad. Tokyo Higher Com. Sch. 1908. Res: 22, Kitahama, 5-chome, Higashi-ku, Osaka-shi. (1937)  
 SHICHIKI, Yoshio: prof., Osaka College of Engrg., Higashinoda, Kita-ku, Osaka-shi. (1929)  
 SHIDA, Fumio: chief engr., Sumitomo Elec. Wire and Cable Works, 60 Okijima, Minami-no-cho, Konohana-ku, Osaka-shi. (1929)  
 SHIGENARI, Kaku: head, Gov's Secretariat, Pref. Gov't. (1943)  
 SHIGETA, Tadayasu: head, Economic Dept., Pref. Gov't (1943)

SHIKAKU, S or Y: mgr., Business Dept., Osaka Gas Co., Ltd., Osaka-shi. (1944)  
 SHIMA, Shigeru: head, civil engrg bur., Osaka Municipal Office, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1928-40.  
 \*SHIMIDZU, Kichizo: elec. engr., Sumitomo Elec. Wire and Cable Wks., Konohana-ku, Osaka-shi; b. 1892, Nara-ken; grad. 1915, from Elec. College, Tokyo Imp. Univ.; employed as elec. engr. by Sumitomo Elec. Wire and Cable Wks., Osaka, 1915-1925; promoted to chief of designing sections of engrg dept., 1921, applied for assoc. membership in Am. Inst. Elec. Engrs., 1926. (1926)  
 SHIMIZU, Genichiro: prof., Med. Dept., Osaka Imp. Univ. (1944)  
 \*SHIMODA, Masami: editor-in chief, Osaka Mainichi Shimbun; b. 1890; grad. Keio Univ., 1914; did journalistic work in Eng., 1919-21; toured Europe and Amer.; joined Osaka Mainichi; sent by Mainichi to Europe; then South Seas; author of 20 books on political economy. Member, Better Farming Society. (1944)  
 SHIMODE, Kzauro: inspector, Nakamoto Police Station, Osaka-shi. (1935)  
 SHIMOMURA, Kojiro: mng. dir., Osaka Iron Wks, Osaka Bldg., Sozei-cho, Kita-ku, Osaka-shi; member, Rotary Int'l, 1925-29.  
 SHINDO, Kasaburo: prop., Shindo Shoten (provisions dealer), c/o Premier House, Umeda; member, Rotary Int'l, 1940.  
 SHINKI, Sadao: constr. engr., member, Bldg. Inst. Address: Mishima-gun. (1930)  
 SHINO, Kawahara: mgr., Osaka & Kobe branch office of NYK Coastal Motor Boat Corp., 20 Kawaguchi-cho, Nishi-ku, Osaka-shi. (1944)  
 SHINOZAKI, Shigeru: head of Local Distric office for Minami-kawachi-gun, Pref. Gov't. (1943)  
 SHINOZUKA, Sadakatsu: pres, Hanseki Metal Commerce and Industry Co. Inc.; member, Metal Industry Control Society. Address: 8 of 2-chome, Mikichibashi-dori, Minami-ku, Osaka-shi. (1943)  
 SHIODA, Masao: constr. engr.; member, Bldg. Inst. Address: Nishizawa, 1-chome, Higashi Tanaka-machi, Minato-ku, Osaka-shi. (1930)  
 SHIRAI, Take: head of Y.W.C.A. dormitory, 13 Nishiogi-machi, Kita-ku, Osaka-shi. (1938)  
 SHIROO, Gohei: inspector, Okamachi Police Station, Toyonaka-shi. (1935)  
 SHOJI, Otokichi: vice-pres., Toyo Boseki (cotton spinning), 2-chome, Dojima-Hama-dori, Kita-ku, Osaka-shi: Inst. for Fibre Research, Osaka Imp. Univ., Kita-ku, Osaka-shi; pres., Japanese Cotton Producer's Club, 8 Bingo-machi, 3-chome, Higashi-ku, Osaka-shi. Member, Rotary Int'l, 1932-40.

SHONO, Tadae: engr., Osaka Municipal Industrial Laboratory; granted degree of Dr. of Engrg., 1929. Res: 224 Torishima-cho, Konohana-ku, Osaka-shi. (1930)

SUGIMOTO, Shunzo: head, 2nd Dept., Osaka Imp. Industrial Laboratory, Daini-Nishi, 2-chome, Nishiyodogawa-ku, Osaka-shi. (1939)

SUGIURA, Eijiro: chief, Prices Control Sect., Economic Dept., Pref. Gov't. (1943)

\*SUGIURA, Shigezo: chief engr., Sumitomo Metal Industries, Ltd., Shimaya-cho, Osaka-shi; b. 1884, Niigata-ken; grad. 2nd Higher Sch. in Sendai; 1909, rec'd Dr. of Engrg. from Tokyo Imp. Univ.; 1910, lecturer at the Tokyo Imp. Univ.; 1910-13, engr. of Agr. and Com. Dept., Tokyo; 1913 to date, employed as engr. by Sumitomo Metal Industries, Ltd., Shimayacho, Osaka-shi; promoted to chief engr, 1925; rep., of Sumitomo in New York in 1936; member, Inst. of Metals, England. (1936)

SUGIURA, Sukiichi: treas., Sakai-shi. (1943)

\*SUGIYAMA, Miki: b. 1886; attended Keio Univ., Tokyo, 1909-14; Columbia Univ. 1918-19. Res: Osaka Mainichi, Osaka-shi.

SUGIYAMA, Motojiro: dir., All Japan Farmer's Union. Address: 663 Morikoji, Asahi-ku, Osaka-shi. (1936)

SUKINO, Katsuma: chief, Fire Station, Higashi-ku, Osaka-shi. (1935)

SUMIYA, Kiyooki: head, 4th Dept., Osaka Imp. Industrial Laboratory, Daini Nishi, 2-chome, Nishiyodogawa-ku, Osaka-shi. (1939)

SUZUKI, Chugoro: constr. engr.; member, Bldg. Inst; head, Bldg Dept. for the Osaka Prefectural Imamiya Mech. Sch. Address: 19 of 5 Tanabe Hom-machi, Sumiyoshi-ku, Osaka-shi.

SUZUKI, Michiyo: branch mgr., Ajinomoto, Suzuki Shoten (provision mfg), 10 Hinokami-cho, Kita-ku; member, Rotary Int'l, 1937-40. Res: 76 Nango-cho, Osaka-shi.

SUZUKI, Shigio: engr., 2619 Meiji-dori, Tennoji-ku, Osaka-shi. (1929)

SUZUKI, Yojiro: inspector, Takatsu Police Station, Osaka-shi. (1935)

TABEI, Sakan: asst. treas., Osaka-shi. (1943)

TAGAMI, Kenichi: principal, Kansai Tech. Sch., Osaka-shi. (1940)

TAGAMI, Tamejiro: mng. dir., Oita Cement Co., Ltd., 1-chome, Kushin-cho, Kita-ku, Osaka-shi; member, Rotary Int'l, 1927-40.

TAJIMA, Shigeji: dir., Mitsui Bussan (machinery importer) 1-chome, Korabashi, Higashi-ku, Osaka-shi; member, Rotary Int'l, 1931-40.

TAJIRI, Yorikichi: chief of Police Station, Taisho-ku, Osaka-shi. (1943)

TAKADA, : head, Asahi-ku, Osaka-shi. (1943)

TAKADA, Motosaburo: editorial chief, Osaka Mainichi Shimbun, Osaka-shi; member, Japan's Press Assoc. (1943)

TAKAGI, Kozo: M.D.; chief, Med. Dept., Osaka Imp. Univ. (1944)

TAKAHARA, Misao: editorial chief, Asahi Shimbun, (news-paper), Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1940.

TAKAISHI, Shingoro: editor, Mainichi Shimbun (newspaper), Dojima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1924.

TAKAHASHI, Tsuneya: dir., Osaka Police Board (1945)

TAKAHATA, Yoshio: chief of Police Station, Sonezaki District, Pref. Gov't (1943)

TAKAMURA, Shotaro: M.D.; dir., Osaka Med. Soc., Memorial Hall, Faculty of Medicine, Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

TAKAO, Akio: asst. mgr., Asahi Newspaper Auditorium and Takarazuka Theater, Nakanoshima, Kita-ku, Osaka-shi.

TAKAOKA, Hitoshi: pres., Osaka Industrial Research Inst., Papers Committee, Tokyo Sectional Meeting, World Power Conf.; pres., Osaka Research Assoc. of Productive Industries, Kitagoi-machi, Kita-ku, Osaka-shi. 3252

Fuminosata, Tennoji-cho, Sumiyoshi-ku, Osaka-shi. (1929)

TAKATA, Katsuji: pres., Takata Aluminum Mfg. Co. Inc.; member, Metal Industry Control Soc. Address: 5 of 1-chome, Ikujima-cho, Minami, Sakai-shi. (1943)

TAKATSU, Keiichi: pres., Nippon Elec. Power Co., Nichiden Securities Co., Kokusan Aluminum Co., Nippon Magnesium Co., Nippon Denka (Steel) Co., dir., Kurobe Ry. Co., Hakone Tozan Ry. Co., Osaka Bldg. Co., Nakayama Steel Co., Shogawa Hydro-Elec. Co. auditor, Asahi Chem. Ind. Co.; b. 1889, Aichi-ken; grad. Keio Univ., 1914; Kyoto Imp. Univ., law, 1919; entered Nippon Elec. Power Co., 1919; chief sec'y of same, 1933; mng. dir., 1937; vice-pres., 1940; president since 1941. Address: 3-1, Shimo-shinden, Shinden-mura, Mishima-gun, Listed in Who's Who, 1941-42.

\*TAKAYANAGI, Matsuichiro: chief sec'y, Osaka Chamber of Commerce, Dojima Hama-dori, Kita-ku, Osaka-shi; member, Rotary Int'l, 1925-40; delegate to Int'l Conf., 1932.

TAKAYASU, Michishike: M.D.; dir., Osaka Med. Soc., Memorial Hall, Faculty of Medicine, Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)

TAKEDA, Chobei: prop., Takeda Choten (wholesale chemicals), 2-chome, Doshu-machi, Osaka-shi; member Rotary Int'l, 1925-40.

TAKEDA, Sho: lawyer; Takeda Law Office, Asahi Bldg., Nakano-shima, Kita-ku, Osaka-shi; member, Rotary Int'l, 1940. Res: Kokura-cho, Kitashirakawa, Sakyo-ku, Kyoto-shi.

TAKEDA, Shunji: architect; member, Architectural Inst.  
Address: 266 Moriguchi-machi, Kitakawachi-gun. (1930)

TAKEDA, Toshimitsu: M.D.; pres., Societas Radiological  
Japonica, Inst. of Physical Therapy, Osaka Imp. Univ.,  
Osaka-shi. (1939)

TAKEI, Risaburo: mgr., Osaka branch of Bank of Japan,  
Nakanoshima 2-chome, Kita-ku Osaka-shi; member, Rotary  
Int'l, 1940. Res: 34 Matsuzaki-sho, 2-chome, Sumiyoshi-  
ku.

TAKEJIMA, Masajiro: asst. inspector, Chio Police Station,  
Togo-mura, Toyono-gun. (1935)

TAKENAKA, Yoshiichi: constr. engr.; member, Bldg. Inst.  
Address: 17 of 2 Ebie-machi, Nishiyodogawa-ku, Osaka-shi.  
(1930)

TAKENOUCHI, Manbei: sec'y, Deutsch-Japanischer Verein,  
Shiomi Inst. for Physical & Chemical Research, Dojima  
Hama-dori, 3-chome, Kita-ku, Osaka-shi. (1939)

TAMURA, Shogi: sup't; Shimanouchi Police Station, Osaka-shi.  
(1935)

TAMURA, Yoshihide: sup't.; Temman Police Station, Osaka-shi.  
(1935)

TAKEUCHI, Shinji: branch mgr., The Mitsukoshi, Ltd. (furni-  
ture mfg.), Koraihashi Higashi-ku, Osaka-shi; member  
Rotary Int'l, 1932-40. Res: 1-chome Katsyuamadori,  
Tennoji-ku, Osaka-shi.

TAKEYOSHI, Masao: chief of Minato-ku Water Police Station,  
Osaka-shi (1943)

TAMURA, Shogi: sup't., Shimanouchi Police Station, Osaka-  
shi. (1935)

TAMURA, Yoshihida: sup't, Tenman Police Station, Osaka-shi.  
(1934)

TANABE, Kojiro: assoc. with Western Metal Industry Control  
Assoc.; member, Metal Industry Control Society. Address:  
14 of 3-chome, Kita-dori, Tachiuribori, Nishi-ku, Osaka-  
shi. (1943)

TANABE, Ryuji: pres., Kanasai Caloric Power Co., Japan  
Telephone and Telegraph Works and Kyoto Elec. Light Co.;  
dir. Eizan Elec. Ry. Co., Mikumi Abara Elec. Ry. Co.;  
Korea Elec. Power Co.; b.1884, Okayama-ken; grad. Tokyo  
Imp. Univ. political science, 1909; entered Communi-  
cations Ministry; councillor and inspector of same  
Ministry; director of Sapporo Kumamoto and Osaka com-  
munications Bureau; director of Industry and Insurance  
Bureau of Communications Ministry; retired from Govern-  
ment service, 1928; entered Kyoto Elec. and Light Co.  
(1944)

TANAKA, Eiichi: head, Konohana-ku, Osaka-shi. (1943)

TANAKA, Eikichi: chief of Police Station, Ikuno-ku, Osaka-  
shi. (1943).

TANAKA, Giichi: constr. engr.; member, Architectural Inst.  
Address: 151 Sakurazuka, Toyonaka-shi. (1930)

TANAKA, Tchinejiro: sup't, Assoc. for Enrichment of the  
Nation, Hagoromo, Takaishi-machi, Semboku-gun. (1939)

TANAKA, Juji: dep. mayor, Toyonaka-shi. (1943)

TANAKA, K: distribution engr., Osaka Gas Co., Osaka-shi.  
(1944)

TANAKA, Keiji: dep. mayor, Sakai-shi. (1943)

TANAKA, Mitsuharu: constr. engr.; member, Bldg. Inst. Ad-  
dress: 35 of 5 Zengenji-cho, Kita-ku, Osaka-shi. (1930)

TANAKA, Naoshi: constr. engr.; member, Bldg. Inst. Address:  
11 of 2 minami, Ongashima-machi, Minato-ku, Osaka-shi.  
(1930)

\*TANAKA, Nobu: attended Kobe Girls' Sch., 1898-02; Tokyo  
Girls' Eng. Sch., 1902-05; Columbia Summer Sch., 1911-12.  
Address: 42 Koraihashi, Higashi-ku, Osaka-shi.

TANAKA, Rinzo: head, Ikuno-ku, Osaka-shi. (1943)

TANAKA, Taro: importer and exporter; b. 1904, Osaka, grad.  
Kobe Univ. of Commerce; joined Toyo Menkwa KK upon grad.;  
succeeded to father's present business in 1898. Address:  
525, Suita-shi.

TANAKA, Yoshio: mng. dir., Sumitomo Elec. Wire & Cable Wks.;  
dir. Fukijura Elec. Wire Co.; Japan Submarine Elec. Wire  
Co., Manchuria Elec. Wire Co.; b.1890, Toyama-ken; grad.  
Tokyo Imp. Univ., German law, 1915; with Sumitomo in-  
terests since grad.; sent to Europe to inspect, 1919;  
executive dir., Sumitomo Honshain present post since  
1937; chief, Production Dept. of the light metal factory  
of the Sumitomo Light Metal Industries; reported to have  
discovered a super-duralumin used in the production of  
aircraft. Address: 56 Shimaya-cho, Konohana-ku, Osaka-  
shi. (1944)

TANIGUCHI, Tenji: M.D.; chief, Microbiology, Research Inst.,  
Osaka Imp. Univ. officer, Bacteriological Research Inst.,  
12-9 Dojima Hama-dori, 2-chome, Kita-ku, Osaka-shi. (1939)

TANIGUCHI, Tokumasa: dir., Osaka Pottery Cement Co.,  
Ohamamanamikoen, Sakai-shi. (1929).

TAUCHI, Yoshiguro Pablo: bishop of the Diocese of Osaka, repre-  
senting Catholicism of National Committee of Religions.  
(1944)

TERADA, Jinkichi: mayor, Kishiwada-shi. (1943)

TERADA, Motonosuke: pres., Manshu Pulp Co. Ltd., (wood pulp  
mfg); Goshu Bldg., Nakanoshima, Kita-ku; member, Rotary  
Int'l, 1937-40. Res: 124 Kitamachi, Kishiwada-shi.

TERADA, Takehaya: chief, Accounts Sect., Gov's Secretariat,  
Pref. Gov't (1943)

TERAJIMA, Keizo: head, Nishinari-ku, Osaka-shi. (1943)

TOBA, Genshiro: mayor, Fuse-shi. (1943)  
 TOKIMATSU, Takeshi: chief of Police Station, Sumiyoshi-ku, Osaka-shi. (1943)  
 TOKINAGA, Hironoshin: inspector, Otori Police Station, Otori-machi (Sakai-shi)  
 TOKUTAKE, Kaname: chief of Police Station, Tennoji-ku, Osaka-shi. (1943)  
 TOMABECHI, Shigeo: chief, Economic Peace Preservation Sect., Police Dept., Pref. Gov't. (1943)  
 TOMITA, Shokichi (Zokichi): charge, Ishii Kinen Aisen En. (day nursery) Kita Nitto cho, Tennoji-ku, Osaka-shi. (1938)  
 TOYOFUJI, Tokuro: principal, Bishop Memorial Girls' High Sch., 5-chome, Katsuyama-dori, Higashinari-ku, Osaka-shi. (1938)  
 TSUCHIDA, Seiichi: officer, The Osaka Zymological Society Dept. of Engrg, Osaka Imp. Univ., Kita-ku, Osaka-shi. (1939)  
 TSUCHIYA, Saburo: principal, Osaka Nishonoda Mech. Sch. (1940)  
 TSUCHIYA, Shiro: constr. engr.; member, Bldg. Inst. Address: Morikoji-cho Higashinari-ku, Osaka-shi. (1930)  
 TSUCHIYAMA, Tetsuji, Rev.: principal, Theological Sch., 81, 1-chome, Maruyama-dori, Sumiyoshi-ku, Osaka-shi. (1938)  
 TSUDA, Katsugoro: prop., Tsuda Shoten (steel maker), 6-chome, Itachibori-Kita-cori, Nishi-ku, Osaka-shi; member, Rotary Int'l, 1925-40. Res: 6167 Tennoji-cho, Sumiyoshi-ku, Osaka-shi.  
 TSUDA, Shingo: pres., The Japan Cotton Spinners Ass't., Mengyokaikan, Bingo-machi, 3-chome, Higashi-ku, Osaka-shi. (1940)  
 TSUDA, Toshio: constr. engr.; rep., Osaka Branch of the Nihon Kenchikushikai (Japan Builders Soc.) (1940)  
 \*TSUJIMOTO, K: instructor, Mining, Osaka Imp. Univ., (1938)  
 TSUJIMOTO, Kennosuke: adviser, Fujita Mining Co., 2-29 Abinosuji, Sumiyoshi-ku, Osaka-shi. (1929)  
 TSUJIMOTO, Toyosaburo: engr.; Suwanomori, Hamadera-machi, Sakai-shi. (1929)  
 TSUJIO, Kikuhiko: chief, Welfare Sect., Internal Affairs Dept., Pref. Gov't. (1943)  
 TSUKIDA, Toshihiro: head of Insurance Office for Tenman, Pref. Gov't. (1943)  
 TSUTSUMI, Masayoshi: dean, Osaka College of Engrg., 210-2-chome, Higashinoda-machi, Kita-ku, Osaka-shi. (1929)  
 \*TSUYUGUCHI, Shiro: assoc. with Impt. Agency, S. Tanaka & Co., 6 Imabashi, 4-chome, Higashi-ku, Osaka-shi, b.1896, attended Doshisha Univ., 1914-18, LLB; Columbia Univ., 1921-22; member, Rotary Int'l; delegate to Int'l Conf.

in 1933, 1935, 1939.  
 UCHINO, Masao: engr., Osaka Gov. Industrial Experiment Laboratory, Dept. of Commerce and Industry; grad. and obtained engineering degree, 1929. Res: 302 Hirata Ashiza, Seido-mura near Kobe. (1930)  
 UCHINO, Soichi: chief, Sanitation Sect., Internal Affairs Dept., Pref. Gov't. (1943)  
 UEDA, Savenutsu: head, Minato-ku, Osaka-shi. (1943)  
 UENO, Seiichi: mrg., Osaka Asahi Shimbun Ltd., 3-chome, Nakanoshima, Kita-ku, Osaka-shi; member, Rotary Int'l. (1940)  
 UMIDA, Yuzo: director, Central Hydro-Electric Power Co, 37 Naka 1-chome Sakaminami-cho, Sumiyoshi-ku, Osaka-shi. (1929)  
 URAGAMI, Kimiyo, Miss: M.D. operates a Women's Diseases Clinic in Takai; grad. Osaka Women's Medical College. (1944)  
 URAGAMI, Yoriko, Miss: M.D. operates with sister (see above) a Women's Diseases Clinic in Takai; grad. Osaka Women's Medical College. (1944)  
 WADA, Nobu: constr. engr.; member, Building Institute. Res: c/o Mizawa 196 of 4, Higashi Momodani-machi, Higashinari-ku, Osaka-shi. (1930)  
 WADA, Toyotane, M.D.: director, Osaka Medical Society, Memorial Hall, Faculty of Medicine, Osaka Imp. Univ., Kita-ku. (1939)  
 WADACHI, Kiyoo: chief, Osaka Meterological Observatory, National Ministry of Transportation and Communication; professional engineer. (1944)  
 WASEMOTO, Shozaemon: inspector, Sunuizoshi Police Station. (1935)  
 WATANABE, Eizo: constr. engr: member, Building Institute. Res: 47 of 2 Ichioka, Moto-machi, Minato-ku, Osaka-shi. (1930)  
 WATANABE, : head, Oyodo-ku, Osaka-shi. (1943)  
 WATANABE, Kinzaburo: sup't., Fukushima Police Station, Osaka-shi. (1935)  
 WATANABE, Kotosugu: Inspector, Tennoji-ku Police Station, Osaka-shi. (1935)  
 YAGI, : head, Fukushima-ku, Osaka-shi. (1943)  
 YAGI, Hidetsugu: officer, Institute for Eiber Research, Osaka Imp. Univ., Kita-ku. (1939)  
 YAGI, Shinichi: dir., League of the Japan Trade Unions, 73 Aioi-cho, Kita-ku; membership composed of 14 unions with 8,000 members. (1936)  
 YAGI, Tokutarō: mayor, Izumiotsu-shi. (1943)  
 YAMADA, Hideo: constr. engr.; member, Building Institute. Res: Kitabama, 5-chome, Higashi-ku, Osaka-shi. (1930)

YAMADA, Shunji: treasurer, Osaka-shi. (1943)  
 \*YAMAGATA, Tatsuzo: education Tokyo College of Foreign Languages, 1913-15, Wesleyan Univ., Conn., 1922-24, Ph.B., Columbia S.S. 1924. Res: Osaka Y.M.C.A.  
 YAMAGUCHI, Gisaburo: head Building Dept., Imamiya Mechanical school. (1940)  
 YAMAGUCHI, Kotaro: chief of Police Station, Higashinari-ku, Osaka-shi. (1943)  
 YAMAGUCHI, Takejiro: mng dir., Osaka Chochiku (Savings) Bank, 3-chome Fushimi-machi, Higashi-ku; member Rotary Int'l. (1940)  
 YAMAMOTO, Gore: mng. dir., Osaka Harbor Construction Co. Inc., 73 Okijima, Mimami-nocho, Kanshina-ku, Osaka-shi; member, Rotary Int'l. Res: Matsubarodori, Hamadero-cho. (1940).  
 YAMAMOTO, Hatsujiro: proprietor, Yamakatsu Shoten (hosiery, wholesale), 2-chome, Minamihon-machi, Higashi-ku; member, Rotary Int'l. Res: Ashiya, Hyogo-ken. (1940)  
 YAMAMOTO, Kiyoshi: mng. dir. Sumitomo Aluminum Prod. Co.; b.1883, Kyoto; grad. Kyoto Imp. Univ. physics, 1907; joined Sumitomo Shinko-jo, 1910; served Sumitomo Elec. Wire and Cable Works, 1933; present post since 1934; member, Osaka Club, and Central Elec. Ass'n. Res: 56 Shimaya-cho, Konohaua-ku, Osaka-shi. (1941)  
 YAMAMOTO, Shinjiro: constr. engr.; member, Bldg. Inst. 23 of 2 Tabata-dori, Nishinari-ku, Osaka-shi. (1930)  
 YAMAMOTO, Tamesaburo: mng.dir., Nihon Beer Kosen Kaisha, 2-chome, Yoriki-cho, Kita-ku; member Rotary Int'l. (1940)  
 YAMAMOTO, Zennosuke: engr., Ujigawa Denki KK., 164 Umegai-machi, Kita-ku, Osaka-shi. (1944)  
 \*YAMANAKA, Eitaro: clerk, Yamanaka and Co.; b.1908; grad: Commercial College, Kobe, attended Columbia ext. 1937-38, English.  
 YAMANAKA, Sadajiro: pres. Yamanaka Shokai Ltd. (antiques exporter); 1-chome Koraibashi, Higashi-ku, Osaka-shi; member, Rotary Int'l. (1940)  
 YAMANAKA, Shibakichi: mgr. Sumitomo Shindosho (copper products), 1-chome, Ajikawa, Kita-ku, Osaka-shi; member Rotary Int'l. (1940)  
 YAMASAKI, Kazuyasu: mng. dir. Toyo Cotton Distributing Co. Inc., 3-chome Koraibashi, Higashi-ku, Osaka-shi; member, Rotary Int'l. (1940)  
 YAMANOUCHE, Michio: chief of Kujo District Police Station, Pref. Gov't. (1943)  
 \*YAMAUCHI, Rokuro: pastor, Sumiyoshi (Lutheran) Church, 5-chome 36 Yorozuyo, Sumiyoshi-ku, Osaka-shi; b.1905 grad: Lutheran Theological Seminary, Tokyo, also a Seminary in U.S. returning to Japan in 1941. (1941)

YAMAUE, Tomeru: constr. engr.; member, Building Institute, 10 of 1 Katsura-machi, Minato-ku, Osaka-shi. (1930)  
 YAMAZAKI, Takayoshi: mayor, Suita-shi (1943); formerly chief engr. Osaka Gas Co.  
 YANAGITA, M: chief engr. Osaka Gas Co. (1944)  
 YAO, Shinichiro: treasurer, Takatsuki-shi. (1943)  
 YASUI, Eiji: governor, Osaka Municipal pref., pres. Kinki Regional Adm. council, (1945)  
 YASUI, Eizo: chief, Osaka Juvenile Court. (1944)  
 YASUI, Takeo: lecturer, Waseda Univ. Tokyo; rep., Japan's Builders Soc.; member Architectural Institute. Address: 2-chome Koraibashi, Higashi-ku, Osaka-shi. (1944)  
 \*YASUMURA, Saburo: charge of Mead Sakai Kan (under Japanese Baptist Church), 50 of 1-chome, Minami-dori, Moto Imazto, Higashiyodogawa-ku, Osaka-shi. (1939)  
 YASUOKA, Koichi: chief, Statistical Sect., Gov's Secretariat, Pref. Gov't. (1943)  
 YATSUHARA, Tokusaburo: mgr. Osaka Shokugo Shokai Jo. (Employment Agency), 116, 2-chome, Ebisu-cho, Naniwa-ku, Osaka-shi, under Congregational Church; also mgr. Osaka Rodo Kyorei Kau, (Labor's Lodging House) 18, 1-chome, Isunio, Matsunomachi, Taisho-ku, Osaka-shi. (1938)  
 YATSUSHIRO, Jun: chief, Engineering Dept. Osaka Imp. Univ. (1944)  
 YATSUSHIRO, Norihiko: dir. Sumitomo Bank Ltd. (Exchange Bank), 5-chome, Kitahama, Kita-ku, Osaka-shi; member, Rotary Int'l. (1940)  
 YOKOYAMA, Kaku (Kiwame): chief, Metals Collection Sect., Internal Affairs Dept., Pref. Gov't. (1943)  
 YONEZAWA, Tetsuichi: constr. engr.; member, Building Institute, 138 Tamai, Minogo-mura, Nakakawachi-gun. (1930)  
 YOSHIDA, Sadao: officer, Bacteriological Research Inst. Address: 12-9 Dojima Hama-dori 2-chome, Kita-ku, Osaka-shi. (1939)  
 YOSHIDA, Chosho: proprietor, Yoshida Shoten, (wholesale Sulphur dealer), 3-Bancho, Kitahoriye, Nishi-ku, Osaka-shi; member, Rotary Int'l. (1940)  
 YOSHIDA, Genjiro; mgr. Shikanjima Settlement, 7 of 3 Shikanjima Odori; Presbyterian Reformed Church. (1938)  
 YOSHIDA, Shinichi: auditor, Nichibei Plate Glass Mfg. Co., Ltd., 52 1-chome, Awabori, Nishi-ku; member Rotary Int'l. Res: 6 Kitahiyoshi-cho, Imakumano, Sumiyoshi-ku, Osaka-shi. (1940)  
 YOSHIHARA, Sadajiro: pres. S. Yoshibara and Co. (vegetable oil mills); auditor Nihon Paint Co., 29 Munekore-cho, Kita-ku, Osaka-shi. b. 1875, Hyogo-ken. (1941)  
 YOSHIOKA, Chiyoza: chief, Commerce & Industry Sect. 1, Economic Dept., Pref. Gov't. (1943)  
 YOSHIOKA, Shigeji: treasurer, Ikeda-shi (1943).

YOSHITATSU, Nobuji: constr. Engr.; member, Building Institute, 6 of 5 Tanbe, Hommachi, Sumiyoshi-ku, Osaka-shi. (1930)  
 YOSHIKAZUMI, Taketaro: proprietor, Yoshizumi Shoten (Hosiery Machine Importer) 5, 2-chome, Tosaboridori, Nishi-ku, Osaka-shi; member, Rotary Int'l. Res: Kaguracho, Nishiomiya. (1940)  
 YUASA, Yuzuru: pres. Yuasa Copper Rolling Co. Inc.; member Metal Control Society; 17 of 3-chome Tatsumi-dori, Nishinari-ku, Osaka-shi. (1943)  
 YUGAWA, Missuo: head, Toshima-ku, Osaka-shi. (1943)  
 YUSA, Toshihiko: in charge of Y.M.C.A. Leper Relief. Address: 13 Nishiogi-machi, Kita-ku, Osaka-shi, (1938)  
 ZENIDAKA, Hisayoshi: representative, Osaka Engineering & Building Cooperative. (1940)

APPENDIX I

A. List of Manufactures.

- FOOD PRODUCTS
1. Dai Nippon Biiru KK  
 Osaka-shi; Suita-shi  
 Soft drinks; yeast. The Osaka-shi factory has been manufacturing a solidified form of whiskey and sake, for use by the armed services and tinned for shipment.
  2. Dai Nippon Koju KK  
 Osaka-shi  
 Apple juice, apple, grape and gooseberry jelly; apple brandy.
  3. Dai Nippon Seito KK  
 Osaka-shi  
 Raw, refined, cube sugar.
  4. Ensuiiko Seito KK  
 Osaka-shi  
 Sugar, alcohol, molasses.
  5. Glyco Co., Ltd.  
 53 Mitojima-cho, Nishiyodagawa-ku, Osaka-shi  
 Cap.: 1,000,000 yen.  
 Glyco (drop, caramel), biscuits.
  6. Hayashikane Shoten Ltd.  
 Osaka-shi  
 Frozen, dried, salted fish; canned sardines, crab, salmon, mackerel, fish oil, fish meal.
  7. Honkano & Co.  
 2, Utsubo Naka-dori, 1-chome, Nishi-ku, Osaka-shi  
 Sake.
  8. Imamura & Sons Co.  
 135 Kawara-cho, 2-chome, Higashi-ku, Osaka-shi  
 Cap.: 150,000 yen.  
 Spices, mustard, curry powder, pepper, laver.
  9. Inoue Shuzo Co., Ltd.  
 92, Denpo-cho, Kita 4-chome, Nishiyodagawa-ku, Osaka-shi  
 Sake.

10. Japan Sugar Co. (believed to be same as No. 3)  
56, Unagidani, Nakano-cho, Minami-ku, Osaka-shi  
Sugar, industrial alcohol.
11. Kano Gomei Kaisha  
Osaka-shi  
Sake.
12. Katotoku Shoten Co.  
9 Tenjinbashisuji, 1-chome, Kita-ku, Osaka-shi  
Canned foods.
13. Kirin Biiru KK  
Osaka-shi  
Beer, stout, aerated waters, yeast preparations.
14. Koizuka Shoten Co.  
3, Utsubo Minami-dori, 4-chome, Nishi-ku, Osaka-shi  
Sake.
15. Kotobukiya Ltd.  
Sumiyashi-cho, Higashi-ku, Osaka-shi.  
Whiskey, grape wines.
16. Marukin Shoyu Co., Ltd.  
Osaka-shi  
Soy products, including sauce, bean paste.
17. Maruyasu Hamaguchi & Co.  
Osaka-shi  
Canned foods.
18. Maruoka Shoyu Co.  
24 Shimmachi, Minami-dori, 5-chome, Nishi-ku, Osaka-shi.  
Soy products.
19. Misawaya & Co.  
Osaka-shi  
Canned foods, Worcestershire sauce, mayonnaise sauce.
20. Mitsubishi Shoji KK  
Osaka-shi  
Feed, fodder.
21. Morinaga Confectionery Co., Ltd.  
Osaka-shi  
Caramels, chocolates, biscuits, hard candies.
22. Nakano Vinegar Co.  
Osaka-shi  
Vinegar, Worcestershire sauce.

23. Naniwa Kosen Goshi Co.  
39 Daini Higashi-cho, 1-chome, Nishiyodagawa-ku  
Osaka-shi  
Aerated waters, mineral waters.
24. Nippon Kokusan Kogyo KK  
Asahi Bldg., Nakanoshima, Osaka-shi  
Cap.: 7,600,000 yen  
Industrial, edible cornstarch; corn syrup; corn  
sugar; corn oil; feed: fodder.
25. Nippon Sato Boeki KK  
28 Shio-cho, 2-chome, Minami-ku, Osaka-shi  
Sugar, refined and raw.
26. Nippon Shokuryo Co.  
Osaka-shi  
Smoked fish, canned fish, canned vegetables.
27. Nitto Kosen Co., Ltd.  
29, Minami Sakuragawa-cho, 3-chome, Naniwa-ku,  
Osaka-shi  
Aerated waters, mineral waters.
28. Noda Shoyu Co., Ltd.  
Osaka-shi  
Soy sauce, bean paste, other soy products.
29. Otsuka Gomei Kaisha  
22, Yokobori 1-chome, Higashi-ku, Osaka-shi  
Sake.
30. Okabe Shoten  
332, Yawataya-cho, Minato-ku, Osaka-shi  
Soy products, sauce, bean paste, etc.
31. Osaka Seifun KK  
100, Hirao-cho, Taisho-ku, Osaka-shi  
Flour.
32. Osaka Sugar Candy Mfg. Co.  
88, Ohno-cho, 2-chome, Konohana-ku, Osaka-shi  
Sugar, raw and refined.
33. Sakura Biiru KK  
Osaka-shi  
Beer, aerated water, soft drinks.
34. Settsu Shuzo Co., Ltd.  
1063 Sumiyoshi-cho, Sumiyoshi-ku, Osaka-shi  
Sake

35. Takahashi Macaroni Factory  
Osaka-shi  
Macaroni, spaghetti
36. Tentoyo Shoten Co.  
Utsubokita-dori, 1-chome, Nishi-ku, Osaka-shi  
Agar-agar.
37. Toyo Kosen Co., Ltd.  
1514, Kawara-cho, 1-chome, Maniwa-ku, Osaka-shi  
Aerated water, mineral water, soft drinks.
38. Ushimadaya Shoyu Store  
35, Edobori Minami-dori, 1-chome, Nishi-ku, Osaka-shi  
Soy products.
39. Yamamura Shuzo Co., Ltd.  
Osaka-shi  
Sake.
40. Yoshida & Co.  
Osaka-shi  
Butter, salad oil.
- TEXTILES
41. Asahi Bemberg Kenshoku KK  
Osaka Bldg., Kita-ku, Osaka-shi  
Est.: 1922  
Cap.: 46,000,000 yen  
Rayon yarn
42. Asahi Boseki KK  
Higa-cho, 34-chome, Higashi-ku, Osaka-shi  
Cotton yarn, cotton piece goods.
43. Chori Trading Co.  
Gosho Bldg., Nakanoshima, 2-chome, Kita-ku, Osaka-shi  
Est.: 1881  
Cap.: 1,000,000 yen  
Rayon piece goods.
44. Chuo Boseki KK  
Minami-hon-cho, 3-chome, Higashi-ku, Osaka-shi  
Cap.: 34,860,000 yen  
Cotton piece goods; staple fibre piece goods.
45. Chuo Keito Boseki KK  
43, Kitahama 4-chome, Higashi-ku, Osaka-shi  
Plant: Fushimi-cho, 5-chome, Higashi-ku, Osaka-shi  
Est.: 1922  
Cap.: 8,000,000 yen  
Woolen and worsted yarn

46. Dai Nippon Boseki KK  
30 Azuchi-cho, 2-chome, Higashi-ku, Osaka-shi  
Plants: Naniwa-ku, Osaka-shi; Hirano, Sumiyoshi-ku  
Osaka-shi; Kauzuka-shi  
(Naniwa plant reported torn down; Hirano plant reported converted to secret war production)  
1,972,554 spindles, 16,609 looms  
Est.: 1889  
Cap.: 147,149,000 yen  
Cotton yarn, piece goods; spun silk; staple fibre  
piece goods; wool yarn, piece goods.
47. Fuji Gasu Boseki KK  
Tokyo  
Plant: 18 Nakanoshimi 2-chome, Kita-ku, Osaka-shi  
Est.: 1896  
Cap.: 50,000,000 yen  
(Reported converted to secret war production)  
Cotton yarn, piece goods.
48. Fujii & Co., Ltd.  
Awaza Kami-dori, 1-chome, Nishi-ku, Osaka-shi  
Est.: 1907  
Cap.: 3,000,000 yen  
Woolen yarns; spun silk yarns.
49. Fukushima Boseki KK  
3 Tamae-cho, 2-chome, Kita-ku, Osaka-shi  
Sakai-shi (converted to special steel).  
Est.: 1892  
Cap.: 16,000,000 yen  
Cotton yarn, piece goods.
50. Fukushima Jinzo Kenshi KK  
3 Tamae-cho, 2-chome, Kita-ku, Osaka-shi  
(Affiliated with Fukushima Boseki KK, same address)  
Est.: 1933  
Cap.: 14,000,000 yen  
Rayon yarn
51. Handa Menko KK  
80 Hondenchodori-2-chome, Nishi-ku, Osaka-shi  
Est.: 1915  
Cap.: 925,000 yen  
Cotton yarn.
52. Harada Shoji KK  
9 Andojibashi-dori, 3-chome, Minami-ku, Osaka-shi  
Est.: 1923  
Cap.: 900,000 yen  
Cotton, rayon, woolen piece goods.



53. Hattori Shoten Ltd.  
16 Awaji-cho, 1-chome, Osaka-shi  
Est.: 1912  
Cap.: 6,400,000 yen  
Cotton, rayon, woolen piece goods.
54. Hidaka Boshoku KK  
Tenmabashi-suji, 5-chome, Kita-ku, Osaka-shi  
Cotton yarn.
55. Hinode Boshoku KK  
23 Minami Kyotaro-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1912  
Cap.: 21,000,000 yen  
Cotton yarn, staple fibre yarn, cotton piece goods.
56. Hirano Nenshi KK  
Dorodo-cho, Hirano, Sumiyoshi-ku, Osaka-shi  
Est.: 1913  
Cotton yarn
57. S. Inoue & Co., Ltd.  
18 Azuchi-cho, 3-chome, Higashi-ku, Osaka-shi  
Est.: 1887  
Cap.: 1,000,000 yen  
Cotton yarn; spun silk yarn.
58. Itoman Shoten Ltd.  
46 Hom-cho, 4-chome, Higashi-ku, Osaka-shi  
Est.: 1883  
Cap.: 8,000,000 yen  
Woolen yarn; woolen piece goods.
59. Izumo Seishoku KK  
8 Bingo-cho, 3-chome, Higashi-ku, Osaka-shi  
Est.: 1920  
Cap.: 3,600,000 yen  
Cotton yarn, cotton piece goods.
60. Japan Trading & Manufacturing Co.  
19 Minami-horiedori, 5-chome, Nishi-ku, Osaka-shi  
Est.: 1918  
Cap.: 675,000 yen  
Cotton yarn
61. Kanegafuchi Boseki KK  
Tokyo  
Bingo-cho, Higashi-ku  
Plants: Yodogawa, Osaka-shi (staple fibre, capacity  
2 tons daily); Nakajima, Osaka-shi; Takatsuki-shi  
(wool); Suminodo-machi, Kitawachi-gun  
Est.: 1887

- Cap.: 120,000,000 yen  
(Nakajima Plant reported loaned to the Osaka arsenal;  
Yodogawa plant reported partly converted to liquid  
fuel)  
Cotton yarn, piece goods; staple fibre yarn, piece  
goods; wool yarn, piece goods.
62. K. Kaneko & Co.  
11 Hachiman-cho, Minami-ku, Osaka-shi  
Est.: 1910  
Spun silk; thrown silk.
63. Kaneyama & Co., T.  
Karamono-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1929  
Cap.: 400,000 yen  
Cotton piece goods.
64. Kashihara Boshoku KK  
Kashihara-machi, Nakakawachi-gun  
(reported controlled in 1943 by Nisshin Boseki KK;  
plant converted to aircraft.)  
Cotton piece goods.
65. K. Kawauchi KK  
Uchi-Hirano-cho, 2-chome, Higashi-ku, Osaka-shi  
Cotton piece goods.
66. Kinka Keito KK  
Sanwa Bldg., Higashi-ku, Osaka-shi  
Est.: 1933  
Cap.: 10,000,000 yen  
Wool yarn.
67. Kishiwada Boseki KK  
38/3 Kita Kyutaro-cho, 3-chome, Higashi-ku, Osaka-shi  
Plants: Kishiwada-shi (4 plants); 1240 Haruki-machi,  
Kishiwada-shi (2 plants); Sakai-shi.  
(Haruki plants converted to metals; Kishiwada plant  
#1 reported converted to secret war production;  
plant #2 sold to a steel company.)  
Est.: 1892  
Cap.: 20,000,000 yen  
Cotton yarn.
68. Koshida & Co.  
14 Kawara-cho, 4-chome, Higashi-ku, Osaka-shi  
Est.: 1913  
Woolen piece goods.

69. Koto Boseki KK  
Bingo-cho, 2-chome, Higashi-ku, Osaka-shi  
(Now reported under Nisshin Boseki KK)  
Cotton yarn.
70. Kotobuki Seni Kogyo KK  
Kyodo Bldg., Sonezaki Kami 2-chome, Kita-ku, Osaka-shi  
Plant: Torikai-mura, Mishima-gun (converted to synthetic rubber)  
Staple fibre yarn.
71. Kurashiki Boseki KK  
Kurashiki, Okayama-ken  
Branch office: Edobori-Kitadori, 1-chome, Nishi-ku, Osaka-shi  
Plant: Hirakata-machi, Kitakawachi-gun (converted to use as a hangar or warehouse)  
Est.: 1888  
Cap.: 35,000,000 yen  
Cotton yarn, cotton piece goods.
72. Kureha Boseki KK  
51 Azuchi-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1929  
Cap.: 38,500,000 yen  
Cotton yarn; cotton piece goods; rayon and staple fibre.
73. Marubeni Shoten  
28 Hon-cho-2-chome, Higashi-ku, Osaka-shi  
Est.: 1854  
Cap.: 7,500,000 yen  
Cotton, rayon, woolen, silk piece goods.
74. Mataichi KK  
Minami-Kyutaro-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1921  
Cap.: 1,750,000 yen  
Cotton yarn, cotton piece goods, rayon piece goods.
75. Matsumoto & Co., Ltd.  
9 Kawara-cho, 4-chome, Higashi-ku, Osaka-shi  
Est.: 1899  
Cap.: 300,000 yen  
Woolen yarn, woolen piece goods.
76. Matsushita Shigematsu Shoten  
Tani-cho, 2-chome, Higashi-ku, Osaka-shi  
Cotton piece goods; woolen piece goods.

77. Meiji Boseki KK  
8 Bingo-cho, 3-chome, Higashi-ku, Osaka-shi  
Est.: 1906  
Cotton yarn.
78. Meisei Boshoku KK  
25 Mitsuya Shin-cho, Higashiyodogawa-ku, Osaka-shi  
Est.: 1912  
Cap.: 10,000,000 yen  
(reported to have been merged into Fuji Gasu Boseki KK in 1941 and plant converted to secret war production)  
Cotton yarn, piece goods.
79. Meisei Rayon Co., Ltd.  
25 Mitsuya Shin-cho, Higashiyodogawa-ku, Osaka-shi  
Est.: 1934  
Cap.: 5,000,000 yen  
(affiliated with Meisei Boseki KK same address)  
Rayon yarn.
80. Murakishi Hosiery Mfg. Co., Ltd.  
8 Dainihon-cho, 2-chome, Nishiyodogawa-ku, Osaka-shi  
Est.: 1916  
Cap.: 1,000,000 yen  
Hosiery.
81. Naigai Wata KK  
41 Dojima-Naka 2-chome, Kita-ku, Osaka-shi  
530,364 spindles and 6,364 looms  
Est.: 1887  
Cotton yarn, cotton piece goods.
82. Nagai & Co., S.  
11 Minami-Kyutaro-cho, 2-chome, Higashi-ku, Osaka-shi  
Cotton piece goods.
83. Nakayama Weaving Co.  
Minami-Hon-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1896  
Cap.: 1,500,000 yen  
Cotton piece goods; waterproof cloth.
84. Nippon Burt Whistler Kenshi KK  
Kyodo Bldg., Masunesaki-cho, 2-chome, Kita-ku, Osaka-shi  
Plant: Torikai-mura, Mishima-gun  
Est.: 1935  
Capacity: 10 metric tons a day  
Cap.: 20,000,000 yen  
Staple fibre.

85. Nippon Keito Boseki KK  
44 Bingo-cho, 4-chome, Higashi-ku, Osaka-shi  
Est.: 1920  
Cap.: 2,500,000 yen  
Woolen yarn.
86. Nippon Meriyasu KK  
45 Urae-Kita, 5-chome, Higashiyodogawa-ku, Osaka-shi  
Est.: 1917  
Cap.: 1,000,000 yen  
Knitted outerwear, underwear, hosiery.
87. Nippon Jinzo Kenshi KK  
30 Azuchi-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1926  
Cap.: 32,050,000 yen  
Rayon yarn, staple fibre yarn.
88. Nishijima & Co., Ltd., T.  
38 Bingo-cho, 4-chome, Higashi-ku, Osaka-shi  
Est.: 1920  
Cap.: 500,000 yen  
Cotton, rayon, woolen piece goods.
89. E. Nomura & Co.  
15 Minami-Hon-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1912  
Cotton yarn; cotton piece goods; rayon piece goods.
90. Omi Hampu Co., Ltd.  
Tokyo  
Branch: Awaji-cho, 3-chome, Higashi-ku, Osaka-shi  
Est.: 1896  
Cap.: 6,500,000 yen  
Cotton piece goods.
91. T. Okada Shoten  
21 Hon-cho, 1-chome, Higashi-ku, Osaka-shi  
Est.: 1914  
Cotton yarn.
92. Osaka Keori KK  
79 Nagara-Nakadori, 4-chome, Higashiyodogawa-ku, Osaka-shi  
Est.: 1891  
Cap.: 3,500,000  
Woolen piece goods.
93. Osaka Orimono KK  
Shichido Nishi-cho, Osaka-shi  
Est.: 1906  
Cap.: 3,000,000 yen  
Cotton piece goods.

94. Owada Boshoku KK  
1573 Owada-cho, Nishiyodogawa-ku, Osaka-shi  
Est.: 1918  
Cap.: 5,000,000 yen  
Cotton yarn, cotton piece goods.
95. Ozu Burin KK  
10 Nozato-cho, Nishiyodogawa-ku, Osaka-shi  
Est.: 1903  
Cap.: 2,540,000 yen  
Cotton yarn.
96. Shibakawa & Co., Ltd.  
10 Koaibashi, 3-chome, Higashi-ku, Osaka-shi  
Est.: 1865  
Cap.: 1,000,000 yen  
Woolen yarn; woolen piece goods.
97. Shimada Shoten, O.  
20 Edobori-Shimodori, 2-chome, Nishi-ku, Osaka-shi  
Est.: 1934  
Cap.: 500,000 yen  
Cotton yarn.
98. Shin Nippon Rayon KK  
38 Kita Kyotaro-cho, 3-chome, Higashi-ku, Osaka-shi  
Rayon, staple fibre.
99. Shinko Jinken KK  
Mitsubishi Shintaku Bldg., Izubashi 4-chome, Higashi-ku, Osaka-shi  
Est.: 1933  
Cap.: 10,000,000 yen  
Rayon yarn.
100. Tachikawa Shoten  
3 Sonezaki-Yeiraku-cho, Kita-ku, Osaka-shi  
Woolen yarn.
101. Taiyo Rayon Co., Ltd.  
Abeichi Bldg., Minami Kyotaro-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1934  
Cap.: 25,000,000 yen  
Rayon, staple fibre.
102. Takaoka & Co., Ltd.  
14-15 Awaji-cho, 4-chome, Higashi-ku, Osaka-shi  
Cap.: 2,000,000 yen  
Woolen yarn; woolen, cotton piece goods.

103. Takemura & Co., Ltd.  
13 Minami Hon-cho, 1-chome, Higashi-ku, Osaka-shi  
Est.: 1910  
Cap.: 3,000,000 yen  
Cotton yarn, cotton tire cord.
104. Tamurakoma Shoten  
4 Azuchi-cho, Higashi-ku, Osaka-shi  
Est.: 1894  
Cap.: 5,750,000 yen  
Cotton, rayon piece goods.
105. Tazuke Shoten KK  
40 Minamihon-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1900  
Cap.: 5,000,000 yen  
Cotton, rayon piece goods.
106. Teikoku Jinken KK  
Gosho Bldg., 25 Nakanoshima, 2-chome, Kita-ku, Osaka-shi  
Est.: 1918  
Cap.: 36,000,000 yen  
Rayon yarn, staple fibre, parachutes.
107. Temman Orimono KK  
Gosho Bldg., Nakashima, Kita-ku, Osaka-shi  
Plants: 103 Kema-cho, 1-chome, Asahi-ku, Osaka-shi;  
Toyotsu-mura, Suita-shi  
(in 1941 reported merged with Ohmi Hampu KK to form  
Asahi Boseki KK, now Shikishima Boseki KK; Osaka  
plant converted to radio equipment; Toyotsu plant  
to aircraft)  
Est.: 1887  
Cap.: 10,500,000 yen  
Cotton piece goods; sheetings, drills.
108. Terada Boseki KK  
Izunami-gun  
(Equipment sold to Nitto Boseki KK and plant converted  
to unidentified war production)  
Cotton yarn.
109. Toyo Boseki KK  
8 Dojima Hamadori, 2-chome, Kita-ku, Osaka-shi  
Plants: Sumiyoshi-ku, Osaka-shi; Sakai-shi; Haruki-  
machi, Kishiwada-shi  
(Sumiyoshi plant apparently converted to lubricants;  
Sakai plant converted to machinery)  
Est.: 1914  
Cap.: 92,500,000 yen  
Cotton yarn; cotton piece goods; spun silk; rayon  
piece goods; woolen yarn.

110. Toyo Keori Kogyo KK  
48 Sonezaki Kami, 2-chome, Kita-ku, Osaka-shi  
Plant: Nakatsu-Hamadori, 1-chome, Higashiyodogawa-ku,  
Osaka-shi  
Est.: 1934  
Cap.: 8,000,000 yen  
(in 1937 absorbed Shinko Keori KK)  
Woolen yarn, piece goods.
111. Toyoda & Co.  
27 Korabashi, 4-chome, Osaka-shi  
Est.: 1885  
Cap.: 300,000 yen  
Woolen piece goods.
112. Toyoshima & Co., Ltd.  
40 Minamihon-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1919  
Cap.: 3,000,000 yen  
Cotton yarn, piece goods; woolen yarn, piece goods;  
rayon piece goods.
113. Tsuji & Co., Ltd., K.  
53 Kitakyotaro-cho, 4-chome, Osaka-shi  
Est.: 1919  
Cap.: 2,000,000 yen  
Woolen yarn, piece goods.
114. Yokota Cotton Thread Co.  
Karamono-cho, 2-chome, Higashi-ku, Osaka-shi  
Est.: 1896  
Cotton yarn.
115. Yoshimi Boshoku KK  
Branch: Kita Kyotaro-cho, 2-chome, Higashi-ku,  
Osaka-shi  
Plant: Tajiri-mura, Sennan-gun  
Est.: 1913  
Cap.: 4,000,000 yen  
Cotton yarn, piece goods.
- CHEMICALS
116. Akiriku Senryo Seizosho  
Kita Hatagomachi, 2-chome, Sakai-shi  
Dyes, intermediates.
117. Arakawa & Co.  
Paints.
118. Arbos Pharmaceutical Co., Ltd.  
Kamabedori, 1-chome, Sakai-shi  
Medicinal soap.

119. Aruboso Seiyaku KK (believed to be same as No. 118)  
Shinnabe-dori, 1-chome 2, Sakai-shi  
Cap.: 216,000 yen  
Drugs.
120. Azumi & Co., Ltd.  
Daini Nishi 1-chome, Nishiyodogawa-ku, Osaka-shi  
Cap.: 465,000 yen  
Insecticides, other chemicals.
121. Baieido Nakata Sakugoro Shoten  
5 Daido, Kurumano-cho, Sakai-shi  
Cap.: 50,000 yen  
Incense.
122. Banzai Shuzo  
Osaka-shi  
Ethyl alcohol (290 gallons per day).
123. Chobei Takeda  
Juso Nishinomachi, Higashiyodogawa-ku, Osaka-fu  
Cap.: 18,000,000 yen  
Quinine salts, vitamins B<sub>2</sub> and C, cocaine, insulin,  
phenol, many other drugs.
124. Dai Nippon Biiru KK  
Suita-shi  
Ebios (yeast preparation), vitamin B<sub>1</sub>
125. Dai Nippon Celluloid KK  
Sakai-shi: propellants; nitrocellulose (10,000  
metric tons annual capacity in 1940, 4 percent  
of Japanese total; 7th ranking propellant plant  
in Japan)  
Osaka-shi: celluloid sheets, cellophane (75 percent  
of Japan's celluloid output).
126. Dai Nippon Ether Kogyo KK  
Shigino-machi 569, Asahi-ku, Osaka-shi  
Cap.: 200,000 yen  
Ether.
127. Dai Nippon Seiyaku KK  
Plants: Ebie-cho 2, Nishiyodogawa-ku, Osaka-shi;  
Nozaki-cho, Kita-ku, Osaka-shi  
Vaccines, other pharmaceuticals.
128. Dai Nippon Tokkyo Hiryo KK  
Osaka-shi  
Sulphuric acid (42,000 metric tons annual capacity,  
50°Be).

129. Dai-ichi Seiyaku KK  
Akutagawa, Takatsuki-shi  
Cap.: 3,000,000 yen  
Vitamins, sulfa drugs, other pharmaceuticals.
130. Edogawa Kogyosho  
Komone, Shonai-machi, Toyono-gun  
Cap.: 3,000,000 yen  
Drugs.
131. Fujisawa Tomokishi Shoten  
Kashima-cho 1, Nishiyodogawa-ku, Osaka-shi  
Cap.: 3,150,000 yen  
Vitamin D, other pharmaceuticals.
132. Fujiwara Seiyaku Toryo Kojo  
Plants: 3-chome 1626, Yokonama, Fuse-shi  
4-chome 10, Takaida Hondori, Fuse-shi  
Cap.: 300,000 yen  
Plants for aircraft wings, aircraft lights,  
metallic paints.
133. Fuku Ryuso KK  
Osaka-shi  
Sulphuric acid (21,000, 50°Be), nitric acid.
134. Fukui Shinshi Shoten  
2-chome 39, Doshumachi, Higashi-ku  
Cap.: 300,000 yen  
Drugs.
135. Fukusuke Tabi KK  
Sakai-shi  
Cap.: 500,000 yen  
Rubber soles, rubber-soled tabi.
136. Gohei Tanabe & Co.  
Osaka-shi  
Pharmaceuticals.
137. Kawada, Sekken Seizosho Gomei Kaisha  
Osaka-shi  
Glycerol (crude).
138. Hanan Gomu KK  
Osaka-fu  
Cap.: 500,000 yen  
Rubber goods.
139. Hasegawa Yasaburo & Co.  
42 Koraibashi, Tsume-cho, Higashi-ku, Osaka-shi  
Cap.: 1,000,000 yen  
Vegetable oil, meal, washing soap.

140. J. Hashimoto  
Sakai-shi  
Intermediates.
141. Hayashi Mfg. Co.  
35 Minami-dori, Shimmachi, 2-chome, Nishi-ku, Osaka-shi  
Asbestos packing, asbestos rubber goods.
142. Hirano Gomu Seizo-sho G.K.  
Sakai-shi  
Cap.: 500,000 yen  
Rubber hose, packing moulds, rolls, sheets, other  
rubber goods.
143. Hishikawa Gosa  
Osaka-fu  
Ethyl alcohol (72,000 gallons per year).
144. Hodogaya Kagaku KK  
Sakai-shi  
Chemicals.
145. Hojo Senryo Toryoton  
16 Nihonbashi, 5-chome, Minami-ku, Osaka-shi  
Dyes, intermediates.
146. Hojun Yoko  
22 Kyomachibori-dori, 4-chome, Nishi-ku, Osaka-shi.  
Talc powder.
147. Hygienic Laboratory of the Ministry of Welfare  
Osaka-shi  
Alkaloids, including codeine, opium, morphine;  
narcotics.
148. Iida Shoten, Ltd.  
38 Karamono-cho, 4-chome, Higashi-ku, Osaka-shi  
Cap.: 100,000 yen  
Rubber goods (balls, shoes, tires, tubes); celluloid  
goods (cases, grips).
149. Ikuno Gomu KK  
22 Andojibashi-dori, 1-chome, Minami-ku, Osaka-shi  
Cap.: 300,000 yen  
Canvas, rubber footwear (for army).
150. Imai Hyakusuke  
229 Kitanocho, 3-chome, Tsuruhashi, Higashinari-ku,  
Osaka-shi  
Cap.: 81,000 yen  
Bristles, celluloid sheets, toothbrush handles, nut  
buttons.

151. Inabata Sangyo KK  
Junkomachi 2-chome, Minami-ku, Osaka-shi  
Drugs.
152. Ishitsu Saku Shoten  
Shigita-cho 5, Kita-ku, Osaka-shi  
Cap.: 150,000 yen  
Drugs.
153. Iwai & Co., Ltd.  
43 Kitahama, 4-chome, Higashi-ku, Osaka-shi  
Cap.: 11,500,000 yen  
Soda ash, caustic soda, woolen yarn, hosiery, paints,  
varnishes; also several non-chemical products.
154. Iwaki Paint Mfg. Co., Ltd.  
Kizugawa-cho, 1-chome, Naniwa-ku, Osaka-shi  
Cap.: 8,000,000 yen  
Dry distemper, oil-bound distemper.
155. Kaho Yakuhin KK  
Akahori-dori, 1-chome 10, Nishi-ku  
Synthetic male hormones.
156. Kaijima Kagaku Kogyo  
Kawaguchi-cho, 15, Nishi-ku, Osaka-shi  
Synthetic oil (8,400 bbls. per year; low temperature  
carbonization process).
157. Kakuichi Gomu KK  
5 Uraenaka 2-chome, Nishiyodogawa-ku, Osaka-shi  
Cap.: 1,000,000 yen  
Rubber goods, "ebonite".
158. Kanayama Yoko  
Utsubo-minami-dori, 3-chome, Nishi-ku, Osaka-shi  
Phosphorus products.
159. Kansai Ryusan KK  
Osaka-shi  
Sulphuric acid (48,000 metric tons annual capacity at  
50°C; contact process).
160. Kashihara Seiyu Goshi Kaisha  
1 Chiumura, Kashihara-machi, Nakakawachi-gun  
Cap.: 500,000 yen  
Castor oil, other oils.
161. Kawahara Shoten Gs. K.  
48 Kohraibashitsumecho, Higashi-ku, Osaka-shi  
Cap.: 200,000 yen  
Industrial chemicals, oil, fat, oil-seeds, raw material  
of soap and candles.

162. Kawashima & Co. K.  
30 Tosabari, 1-chome, Nishi-ku, Osaka-shi  
Pigment, dry colors, aniline dyes, printing inks,  
carbon black, mark black, printing machines.
163. Kikui Kagaku Kenkyusho  
Nishiyodowaga-ku, Osaka-shi  
Intermediates.
164. Kimura & Co., N.  
Shiomachi, 5-chome, Minami-ku, Osaka-shi  
Vegetable oil.
165. Kitasaku & Co. Gs. K.  
39 Korabashi-tsumo-cho, Higashi-ku, Osaka-shi  
Cap.: 150,000 yen  
Sulphuric acid, nitric acid, hydrochloric acid,  
washing soda, other industrial chemicals.
166. Kito & Co. Y (Hana-no-Hana Shokai)  
Kurumanocho, Sakai-shi  
Incense.
167. Kizugawa Yushi KK, (Kitzugawa Kojo  
Osaka-shi  
Glycerol (105 metric tons annual capacity).
168. Kobayashi Seiyaku KK  
Mitsuya Higashiyodogawa-ku, Osaka-shi  
Drugs.
169. Koei KK  
Osaka-shi  
Butyl alcohol (78,200 gallons per year).
170. Koura Fertilizer Mfg. Co.  
Utsubo-kami-dori, 3-chome, Nishi-ku 31, Osaka-shi  
Fertilizer.
171. Kuroda Yakuhin Shokai  
Mikunichu-cho 250, Higashiyodogawa-ku, Osaka-shi  
Cap.: 720,000 yen  
Drugs.
172. Kyoessa Soap Mfg. Co., Ltd.  
5 Gamocho Asahi-ku, Osaka-shi  
Cap.: 100,000 yen  
Industrial soaps, textile oils, soap.
173. Kyowa Gomu Kogyo KK  
Osaka-fu  
Cap.: 300,000 yen  
Bicycle tires.

174. Manryo Hair Dye Works  
15 Kumanocho Higashi, 1-chome, Sakai-shi  
Hair dye.
175. Maruishi Seiyaku KK  
Plants: Yorikimachi 2-chome, Kita-ku, Osaka-shi;  
Minami Dochimachi, 2-chome 2, Kita-ku, Osaka-shi  
Cap.: 500,000 yen  
Aspirin, quinine salts, ephedrin, other pharmaceuticals.
176. Maruzen Sekiyu KK  
Osaka-shi  
Petroleum (refined); annual capacity (for crude),  
330,000 barrels.
177. Mitsubishi Kogyo KK  
Osaka-shi  
Petroleum (refined).
178. Miwa Kagaku Kojo KK  
Fuse-shi  
Glycerol (refined)
179. Nagase KK  
7 Itachibori, Minami-dori, 1-chome, Osaka-shi  
Dyestuffs, chemicals.
180. Nagoya Myoban Gs., K.  
22 Kitahama, 4-chome, Higashi-ku, Osaka-shi  
Aluminium sulphate, potassium alum.
181. Naigai Jochukiku KK  
3 Sueyoshihashi-dori, 2-chome, Osaka-shi  
Insecticides (pyrethrum).
182. Nakayama Seikosho KK  
Osaka-shi  
Plant: One battery, 55 Kuroda ovens, annual capacity  
302,200 metric tons  
Coal tar by-products, pharmaceuticals.
183. Nakayama Taiyodo KK  
40 Mizusaki-cho, Naniwa-ku, Osaka-shi  
Soap, cosmetics.
184. Namariichi KK  
34 Uehonmachi, 9-chome, Tennoji-ku, Osaka-shi  
Red lead, white lead, paint.
185. Naniwa Guriserin KK  
Osaka-shi  
Glycerol (refined), 1040 metric tons annual capacity.

186. Nankai Senryo Seizo Kogyo KK  
Sakai-shi  
Dyes, intermediates.
187. Nippon Noyaku KK  
34 Tosabori-dori, 1-chome, Nishi-ku, Osaka-shi  
Insecticides.
188. Nippon Rika Kogyo KK  
Hirao-cho 92, Taisho-ku, Osaka-shi  
Compressed gas.
189. Nippon Suiso KK  
Onahama  
Methanol (synthetic) 501,000 U.S. gallons capacity.
190. Niita Taikaku Seizosho KK  
Osaka-shi  
Cap.: 6,000,000 yen  
Rubber goods (industrial).
191. Nippon Asbestos KK  
Utsubo Minami-dori, 4-chome, Nishi-ku, Osaka-shi  
Rubber goods.
192. Nippon Chisso Hiriyokk  
Soze-cho, Kito-ku, Osaka-shi  
Cap.: 90,000,000 yen  
Fertilizers, alcohol (butyl), pharmaceuticals.
193. Nippon Gosei Kagoku Kogyo KK  
Osaka-shi  
Acetic acid (synthetic), acetylene derivatives.
194. Nippon Kayaku Seizo KK  
Kusune-machi, Fuse-shi  
Black powder, detonators or blasting caps, fuses.
195. Nippon Koka KK  
Osaka-shi  
Sulphuric acid (contact), 36,400 metric tons annual capacity.
196. Nippon Noyaku KK  
Nagano-machi, Minamikawachi-gun  
Insecticides.
197. Nippon Paint Co., Ltd.  
Urae-kita, 4-chome, Nishiyodogawa-ku, Osaka-shi  
Cap.: 3,850,000 yen  
Paint.

198. Nippon Ryuso KK  
Osaka-shi  
Nitric acid, sulphuric acid (chamber).
199. Nippon Seiren KK  
Izuohama-dori 3-chome, Taisho-ku, Osaka-shi  
Pharmaceuticals.
200. Nippon Sekiyu KK  
Amagasaki-shi, Hyogo-ken; Osaka-shi  
Petroleum (refined).
201. Nippon Sekken KK  
Kitakawatchi-gun  
Glycerol (refined), soap, cosmetics.
202. Nippon Senryo Seizo KK  
Osaka-shi  
Pharmaceuticals, paint, dyes, intermediates, sulphuric acid (contact) 11,200 metric tons annual capacity.
203. Nippon Yakuhin Yoko KK  
Uraenaka 2-chome 44, Nishiyodogawa-ku, Osaka-shi  
Pharmaceuticals.
204. Nippon Yushi KK  
Osaka-shi  
Glycerol (refined) 4,000 metric tons annual capacity.
205. Nishikawa Gosa KK  
Alcohol (ethyl) 290 U.S. gallons capacity absolute alcohol.
206. Nissan Kagaku Kogyo KK  
Osaka-shi  
Sulphuric acid, 92,700 metric tons annual capacity.
207. Nisshinsha KK  
Kusune-machi, Fuse-shi  
Fuses.
208. Ogato Gomu Kogui KK  
Osaka-shi  
Rubber goods.
209. Ogawa KK  
45 Doshomachi, 2-chome, Higashi-ku, Osaka-shi  
Oils (essential), perfume.



210. Okuyama Sekken KK  
Osaka-shi  
Glycerol (refined); 300 metric tons annual capacity.
211. Osaka-Arukara Hiryo KK  
Osaka-shi  
Sulphuric acid (chamber) 59-500 metric tons annual capacity.
212. Osaka Explosives Co.  
Osaka-shi (existence doubtful)  
Explosives.
213. Osaka Gasu KK  
Iwasaki Kojo, Osaka-shi; Shamitsu Kojo, Osaka-shi  
Plant: Iwasaki; 3 batteries, 92 Koppers ovens, 222, 400 metric tons dry coal capacity. Shamitsu: 3 batteries, 72 ovens, 174,600 metric tons dry coal capacity.  
Coal tar by-products.
214. Osaka Godo KK  
42 Kitakyuhojimachi, 1-chome, Higashi-ku, Osaka-shi  
Dyestuffs, glue, animal oils.
215. Osaka Guriserin KK  
Osaka-shi  
Glycerol (refined).
216. Osaka Insatsu Ink Seizo KK  
Naka Kawachi-dori, Osaka-shi  
Dyes, intermediates.
217. Osaka Kako KK  
495 Juhachijo-cho, Higashiyodogawa-ku, Osaka-shi  
Dyes, intermediates.
218. Osaka Kesshin Yakuhin KK  
Kamifukushimanaka, 2-chome 34, Konohana-ku, Osaka-shi  
Pharmaceuticals.
219. Osaka Mineral Oil Refinery, Ltd.  
Osaka-shi  
Petroleum (refined).
220. Osaka Oxygen Industrial Corp.  
Osaka-shi.
221. Osaka Ryuka Senryo Seizosho KK  
Konohana-ku, Osaka-shi  
Dyes, intermediates.

222. Osaka Sarashiko KK  
Osaka-shi  
Sulphuric acid (chamber), 12,300 metric tons annual capacity; caustic soda; chlorine, 1,600 metric tons annual capacity.
223. Osaka Seirashiko KK  
Osaka-shi  
Pharmaceuticals (magnesium carbonate).
224. Osaka Seiren KK  
Osaka-shi  
Sulphuric acid (chamber) 42,000 metric tons annual capacity.
225. Osaka Seiyaku-sho  
Osaka-shi  
Pharmaceuticals.
226. Osaka Senryo Seizosho KK  
Nishiyodogawa-ku, Osaka-shi  
Dyes.
227. Osaka Shikiso Kagaku Kenkyusho KK  
Nishiyodogawa-ku, Osaka-shi  
Dyes, intermediates.
228. Osaka Soda KK  
Awabori-dori, Nishi-ku, Osaka-shi  
Caustic soda.
229. Osame Synthetic Chemical Industry Corp.  
Osaka-shi.
230. Rasa Kogyo KK  
Osaka-shi  
Caustic soda; chlorine, 3,500 metric tons annual capacity; sulphuric acid (chamber), 111,400 metric tons annual capacity.
231. Rikagaku Kenkyusho KK  
Osaka-shi  
Pharmaceuticals.
232. Saito Ryuso Seizosho KK  
Osaka-shi  
Sulphuric acid (chamber) 28,000 metric tons annual capacity; caustic soda (chlorine), 2,700 metric tons annual capacity.

233. Sakai Kagaku Kogyo KK  
51 Minamihorie-dami-dori, 2-chome, Nishi-ku, Osaka-shi  
Zinc, barium compounds; other chemicals.
234. Sakai Ryuso KK  
Osaka-shi  
Caustic soda; chlorine, 2,700 metric tons annual capacity.
235. Sankyo KK  
Osaka-shi  
Cap.: 15,000,000 yen  
Pharmaceuticals.
236. Seika Kagaku Kogyo KK  
Nishinari-ku, Osaka-shi  
Intermediates.
237. Settsu Seiyu KK  
16 Yasui-cho, Konohana-ku, Osaka-shi  
Cap.: 1,000,000 yen  
Vegetable oils.
238. Settsu Shuzo KK  
Alcohol (ethyl) 290 U.S. gallons capacity absolute alcohol.
239. Shimizu & Co. G.  
3 Hiranomachi, 1-chome, Higashi-ku, Osaka-shi  
Glue, dyestuffs, oils (essential).
240. Shimosato Kagaku Kogyo KK  
18 Kaisan-dori, 1-chome, Sakai-shi  
Zinc chloride, active carbon.
241. Shinko Chemical Industrial Corp.  
Oaza-ichi-mura.
242. Shiono Koryo Kaisha KK  
11 Doshumachi, 3-chome, Osaka-shi  
Pharmaceuticals.
243. Shionogi KK (2 plants)  
Osaka-shi  
Pharmaceuticals.
244. Showa Seiyaku KK  
Toyotsumura, Suita-shi  
Pharmaceuticals.

245. Showa Sekiyu KK (formerly Nittsu Sekiyu KK)  
Osaka-shi  
Petroleum (refined); annual capacity for crude, 230,000 barrels.
246. Sumitomo Denki Kogyo KK  
Osaka-shi  
Rubber goods (wires, cables, batteries).
247. Sumitomo Kogaku Kogyo KK  
Osaka-shi  
Ammonium sulphate, sulphuric acid, superphosphate.
248. Takahashi Seidaido Seiyakusho KK  
Osaka-shi  
Pharmaceuticals.
249. Takeda Chobei Shoten  
Doshomachi, 2-chome, Higashi-ku, Osaka-shi  
Pharmaceuticals.
250. Tanabe Gobei Shoten  
Osaka-shi  
Cap.: 5,500,000 yen  
Pharmaceuticals.
251. Taoka Senryo Seizo KK  
601 Juhachijo-cho, Higashiyodogawa-ku, Osaka-shi  
Dyes, intermediates.
252. Teikoku Jinzo Hiryo KK  
Osaka-shi  
Sulphuric acid, 63,000 metric tons annual capacity.
253. Teikoku Kako KK  
Osaka-shi  
Fertilizer.
254. Teikoku Sangyo KK  
Osaka-shi  
Pharmaceuticals.
255. Teikoku Seiyaku KK  
Osaka-shi  
Pharmaceuticals.
256. Toa Synthetic Chemical Industrial Corp.  
Osaka-shi.

257. Tochu Celluloid  
Kokubu-machi, Minami Kamachi-gun  
Nitrocellulose.
258. Tomatsu Takesuke Shoten  
Osaka-shi  
Pharmaceuticals.
259. Toyo Gomu KK  
Osaka-shi  
Cap.: 1,370,000 yen  
Rubber goods.
260. Toyo Seiyaku Boeki KK  
Osaka-shi (2 plants)  
Pharmaceuticals, insecticides.
261. Toyo Sekiyo KK  
Osaka-shi  
Petroleum (refined); annual capacity, for crude,  
230,000 barrels.
262. Toyo Shoko Sekiyu KK  
Osaka-shi  
Petroleum (refined).
263. Wakodo KK  
Yata-mura, Nukukamachi-gun  
Pharmaceuticals.
264. Yamada Kagaku Kogyosho KK  
Nishiyodogawa-ku  
Dyes, intermediates.
265. Yamahiko Jochukiku KK  
42 Higashi Shimizumachi, Minami-ku, Osaka-shi  
Insecticides.
266. Yamanouchi Yokuhin Shokai  
Nishiyodogawa-ku  
Pharmaceuticals.
267. Yamatogawa Senkojo KK  
Sakai-shi  
Caustic soda; chlorine 3,200 metric tons annual ca-  
pacity.
268. Yanagizawa Yakuhin Shokai Seiyaku Bu  
Osaka-shi  
Pharmaceuticals.

269. Yasuhara Tomisaburo Shoten  
Osaka-shi  
Pharmaceuticals.
270. Yoshihara Oil Mill, Ltd.  
Osaka-shi  
Cap.: 4,000,000 yen  
Vegetable oils.
271. Yoshiman KK  
Osaka-shi  
Pharmaceuticals.
- ORE AND METAL PROCESSING
272. Asahi Seitetsu KK  
13 Izuo, Hama-dori, Taisho-ku, Osaka-shi  
Plate.
273. Imperial Mercury Products  
Osaka  
Mercury products.
274. Kokko Seisa Kogyo KK  
Plant 1: 445 Hamaguchi-cho, Sumiyoshi-ku, Osaka-shi  
Steel castings, special steel, forgings, rolled steel  
Plant 2: Ninato-ku, Osaka-shi  
Sponge iron, electric steel, rolled products, bars,  
rods, castings, forgings, chains.
275. Kotobuki Jukogyo  
Otsu-machi, Izukita-gun  
Pig iron, sponge iron, open hearth, steel castings.
276. Mitsubishi Kogyo KK  
Shinkawasaki-cho, Kita-ku, Osaka-shi  
Electrolytic copper and tin, gold, silver.
277. Nakayama Seikosho  
Plant 1: 3 Funa-machi, Taisho-ku, Osaka-shi  
Plant 2: 10 Minami Okajima-cho, Taisho-ku, Osaka-shi  
Plant 3: 1-chome, Nanpajima-cho, Taisho-ku, Osaka-shi  
Iron, steel, ingot, steel, rolled steel.
278. Nippon Antimony KK  
Osaka-shi  
Antimony refining.
279. Nippon Aruminumu Seizo Sho KK  
19 Urae Kita, 4-chome, Nishiyodogawa-ku  
Aluminum; aluminum sheets, plates, wire, pipe, duralu-  
min plate.

280. Nippon Chukosho  
383 Chishima-cho, Taisho-ku, Osaka-shi  
Special steel, electric steel, castings.
281. Nippon Seitetsu KK  
6 Minami, Okajima-cho, Taisho-ku, Osaka-shi  
Open hearth, ingot steel, bars, shapes, plates,  
rolled steel.
282. Nippon Sutenresu KK  
309 Tsurumori-cho, Nishinari-ku, Osaka-shi  
Open hearth ingots, rolled products, bars, plates.
283. Otani Tekko KK  
Kawakita-mura, Nishinari-ku, Osaka-shi  
Electric steel, plate, tin plate, bars, forgings  
(also ships' shafts, turbine rollers).
284. Osaka Seiren KK  
Osaka-shi  
Copper, gold, silver.
285. Osaka Seiko KK  
1 of 93 Nishijima-cho, Nishiyodogawa-ku, Osaka-shi  
Special steel, steel castings, forgings, rolled  
steel products.
286. Osaka Teihoku Suigin KK  
Osaka-shi  
Zinc.
287. Osaka Tokushu Seiko  
Fukita-machi, Osaka-fu  
Electric steel, crucible steel, steel forgings.
288. Osaka Yogyo KK  
Osaka-shi  
Alumina.
289. Osaka Zoheisho KK  
Osaka-shi  
Aluminum.
290. Sekisan Kinzoku Kogyo KK  
23 Ogawa-cho, Higashi-ku, Osaka-shi  
Steel ingots.
291. Sumitomo Aluminum Co.  
Plant 1: Osaka-shi  
Plant 2: Yao-machi, Nakakawachi-gun  
Duralumin, aluminum sheets, strips plates, tubes,  
pipes, bars, castings, forgings.

292. Sumitomo Kinzoku Kogyo KK  
294 Shimaya-cho, Kanohama-ku, Osaka-shi  
Steel ingots, open hearth, secondary rolled steel,  
bars, castings, forgings, steel alloys, K3 magnetic  
steel, manganese steel, steel railway car wheels.
- ORDNANCE
293. Army Armament Supply Depot  
Osaka Branch  
Babamachi, Higashi-ku, Osaka-shi  
Ordnance.
294. Dai Nippon Kikai Kogyo  
Honjo Naka-dori, Higashiyodagawa-ku, Osaka-shi  
Military goods.
295. Osaka Rikugun Zoheisho  
(Osaka Army Arsenal)  
3 plants at Sugigamamachi, Higashi-ku, Osaka-shi  
2 plants: address not given  
There are 2 other factories, Harima and Hirakata  
Artillery, small arms, vehicles, explosives, shells.
296. Toyo Seikan  
Osaka-shi  
Bomb and grenade casings, cans.
297. Umehachi Sharyo  
Otori-machi, Sakai-shi  
Rolling stock, ordnance.
- MACHINERY TOOLS & APPLIANCES
298. Amatsiji Kokyu Seiskusho  
5-chome, Motoimazato, Kitadori, Higashiyodagawa-ku  
Osaka-shi  
Steel ball bearings.
299. Asahi Seiki  
Sakai-shi  
Second grade bearings.
300. Fuginagata Zosensho  
Osaka-shi  
Machinery for coal liquefaction.
301. Furukawa Denki Kogyo  
Osaka-shi  
Electrical equipment, aluminum alloys.
302. Hatsudoki Seizo  
Osaka-shi  
Diesel engines, locomotives, parts, machinery.

303. Hirose Tekkosho  
Higashi, Sakamachi, Higashi-ku, Osaka-shi  
Ordnance.
304. Hitachi Seisakusho  
Kizugawa Works  
Electrical equipment, mining transportation machinery, cranes, elevators, electric cables and locomotives.
305. Kobayoshi Machine  
40, 2-chome, Urai Minami-machi, Nishiyodogawa-ku  
Turbines.
306. Kansai Seiko  
65 Tsuda-machi, Izunami-gun  
Cap.: 3,500,000 yen.  
Wire rope, steel rope, hemp rope, piano wire.
307. Kisha Seizo KK  
Konohana-ku, Osaka-shi  
Employees: 3,000  
Locomotives, bridges, boilers, spinning machinery, machine tools, mechanical stokers, mining machinery.
308. Kozo Seiko  
Plant 1: Nakagawa Kojo  
20 Naka, 5-chome, Higashinari-ku, Osaka-shi  
Plant 2: 9 Higashinari-ku, Osaka-shi  
Plant 3 Kokubu-machi, Minamikawachi-gun  
Plant 4 Korea  
Cap.: 15,000,000 yen  
Bearings.
309. Kubota Tekkosho  
Plant 1: Minami-Okajima-cho, Taisho-ku, Osaka-shi  
Plant 2: Sakai-shi  
Plant 3: 2-chome, Funade-cho, Naniwa-ku, Osaka-shi  
Cap.: 36,000,000 yen  
Steel and iron machines, engines, mining, construction machinery, chemical machinery, ordnance.
310. Kurimoto Iron Works  
Osaka-shi  
Steel tubes, pipes, castings, chemical machinery.
311. Kayo Seiko  
Osaka-shi (3 plants)  
Kokubu-machi, Minamikamachi-gun Main plant  
Ball bearings, roller bearings, precision gauges.

312. Matsumoto Chuzo Tekkosho  
Osaka-shi (4 plants)  
Mining and chemical machinery.
313. Matsushita Kendeuchi  
Moriguchi-machi, Kitakawachi-gun  
Small plant producing dry cells, batteries, electric appliances.
314. Matsushita Musen  
Plant 1: Osaka-shi  
Plant 2: Osaka-shi  
Plant 3: Moriguchi-machi, Kitakawachi-gun  
Radio equipment.
315. Mizaguchi Hararuma Kojo  
1150 Tsuka-cho, Nishiyodogawa-ku, Osaka-shi  
Gear cutting machines, aircraft engines, gear cutters, hobbors, gleason generator shapers, precision gears, training rings for propulsion and gun turret mechanisms of naval vessels.
316. Morita Dental Mfg. Co.  
Junkeimachi, 4-chome, Minami-ku, Osaka-shi  
Dental equipment, materials, instruments and tools.
317. Nakajima Denki  
Osaka-shi  
Magnetos.
318. Nakayama Seiko  
Osaka-shi  
Wire, accessories.
319. Nippon Tanko KK  
Osaka-shi  
Heavy forgings, munitions, guns.
320. Nippon Tsushin Kogyo  
Osaka-shi  
Telephone, telegraph equipment.
321. Ohayo Acid Co.  
Osaka-shi  
Machinery, hardware, chemicals.
322. Oki Denki  
Oni Nishi, Nishiyodogawa-ku, Osaka-shi  
Wireless, telephone, telegraph equipment; batteries.

323. Osaka Denki  
Osaka-shi  
Munitions, electric welders, transformers, switch boards, accessories.
324. Osaka Kikai Seisakusho  
Osaka-shi (2 plants)  
Cap.: 20,000,000 yen  
Machine tools, mining hydraulic machinery, ordnance.
325. Osaka Kiko  
Plant 1: 1-chome, Nishi-dori, Toyozaki-cho, Higashiyodogawa-ku, Osaka-shi  
Plant 2: Kashima-cho, Nishiyodogawa-ku, Osaka-shi  
Plant 3: Itami (Branch)  
Machine tools, horizontal boring mills, precision lathes, engines, ammunition.
326. Osaka Kinzoku Kogyo  
Sakai-shi  
Internal combustion engines, machinery, parts for autos, airplanes.
327. Osaka Porcelain  
2893 Sano-machi, Izunami-gun  
Largest manufacturer of spark plugs.
328. Osaka Seiko  
Osaka-shi  
Essentially producer of iron and steel; manufactures variety of rolled steel, heavy machinery.
329. Osaka Seisa Zoki  
Plant 1: 5-chome 29, Harweade-cho, Konohama-ku, Osaka-shi  
Plant 2: 2-chome 80, Shinkamachi, Konohana-ku, Osaka-shi  
Plant 3: Tsukuda-cho, Nishiyodogawa-ku, Osaka-shi  
Plant 4: Nosato-cho, Nishiyodogawa-ku, Osaka-shi  
Chains, machinery, machine tools, level gear generators, gear shapers, gear cutting machinery, lathes, munitions, guns.  
Plant 5: Kasuga-mura, Nishima-gun  
Plant 6: Haruki-machi, Kishiwada-shi  
Transportation, chemical industry, construction gear, wheels, machine tools.
330. Osaka Tekkosho  
Osaka-shi (2 plants)  
Ships, rolling stock, steam and diesel engines, turbines, heavy castings and forgings, structural steel.

331. Osaka Wakayama Tekkosho  
500 Hishike, Fukur Zumi-machi, Senkoku-gun  
Grinding, Millers, Milling machines.  
  
Shinodayama Plant, Ozukita-gun  
Turret lathes; airplane parts  
  
Tsuda-Machine, Kitakawachi-gun  
Machine tools, turret lathes.
332. Saguchi Kikai Seisekisho  
Usaka-shi  
Compressors, cranes, dredging.
333. Shawa Yoken  
2-4 Moto Smasato, Kita-dori, Higashiyodogawa-ku, Osaka-shi  
Tungsten for tubes, lamps.
334. Sumitomo Denki Kogyo  
60 Minemina-cho, Okijima, Konohana-ku, Osaka-shi  
Cap.: 50,000,000 yen  
Electric wires, cables, accessories, batteries, plates, sheets, rivets, machine tools.
335. Sumitomo Kinzoku Kogyo  
56 Shimaymachi, Konohana-ku, Osaka-shi  
Propellers, steel castings for locomotives, mining equipment, coal drills, steel tube hoisting equipment, possibly ordnance.
336. Takahashi Tekkosho  
Osaka-shi  
Builds alcohol plants.
337. Tanaka Piston Ring  
Osaka-shi  
Piston rings.
338. Teikoku Seikyo  
Plant 1: 3-chome 28, Hachidori, Minato-ku, Osaka-shi  
Plant 2: 3-chome 28, Hachidori, Minato-ku, Osaka-shi  
Plant 3: 3-chome 25, Shichyodori, Minato-ku, Osaka-shi  
Electric motors, appliances, wheeled motor cycles, iron and steel goods.
339. Tokyo Shibaura Denki  
Osaka-shi  
All types of structural equipment, machinery.

340. Toshi Jukogyo  
2-chome 48, Sanesakino Kami, Kita-ku, Osaka-shi  
Cap.: 18,000,000 yen  
Heavy industrial equipment.
341. Toyo Bearing Seizo  
Takarazuka, Osaka-shi  
Ball bearings.
342. Toyo Kokyn Seizo  
36-1-chome, Andojibashidori, Minami-ku, Osaka-shi  
Bearing plant.
343. Toyo Seiko  
Osaka-shi  
Wire cable.
344. Togowa Jukogyo  
Osaka-shi  
Machine tools, munitions, aircraft parts.
345. Uryu Seisaku  
22-chome, 26 Takita-cho, Shiba-ku, Tokyo  
Plant: 4-chome, 22, Fukua Naki, Higashinari-ku  
Osaka-shi  
Rotary machines, hoists, air grunder press.
346. Yerasa Chikudenchi Seizo  
Kosobe, Takatsuki-shi  
Plant 1: 6-48 Kamitanabe, Takasuki-shi  
Storage batteries, dry cells, battery charges,  
red lead, etc.
- TRANSPORTATION EQUIPMENT
347. Aichi Tokei Denki KK  
Higashi-ku, Osaka-shi  
Aircraft, Aircraft parts.
348. Aizawa  
Osaka-shi  
Shipbuilding, ship repairing.
349. Akiki Seisakusho  
Osaka-shi  
Aircraft parts.
350. Amagasaki (Co.)  
Minato-ku, Osaka-shi  
Shipbuilding, ship repairing.

351. Araya Cycle Naniwa Rim Factory  
Head office Tokyo  
Plant: Sakai-shi  
Cap.: 4,000,000 yen  
Bicycle rims, chains.
352. Banzai Trading Co.  
Head Office, Tokyo  
Plant: Nishi-ku, Osaka-shi  
Cap.: 800,000 yen  
Automobile and truck parts.
353. Bunka Jidosha Kogyo KK  
Asahi-ku, Osaka-shi  
Aircraft parts.
354. Chikko Shipyard (Osaka Iron works)  
Osaka-shi  
Shipbuilding, ship repairing.
355. Chiyoda Kogaku Seiko KK  
Kitta, 3 of 15, Higashi-ku, Osaka-shi  
Aircraft instruments, armament.
356. Dai Nippon Kikai Kogyo  
Honjo Naka-dori, 1-chome, 22, Higashi-ku,  
Osaka-shi.  
Aircraft parts; autos, auto parts; bicycles.
357. Dai Nippon Kogyo  
Motomine Naka-dori, 1-chome, Higashi-ku, Osaka-shi  
Aircraft, auto parts.
358. Edno Tekkosho KK  
Osaka-shi  
Locomotives.
359. Fusinagata Zosenho KK  
Shibaya-cho, Sumiyoshi-ku, Osaka-shi  
Small ship construction, repairing; engine manufactur-  
ing.
360. Fukuda Kei Hikaki KK  
Cap.: 1,000,000 yen  
Owada-cho, 1572, Nishiyodogawa-ku, Osaka-shi  
Light aircraft, gliders.
361. Harada Zosen  
8, Kizugawa-cho, 3-chome, Naniwa-ku, Osaka-shi  
Shipbuilding, ship repairing.

362. Hashimoto  
Osaka-shi  
Ship building, ship repairing.
363. Hatsudoki Seizo  
Plant 1: Ikeda-shi  
Plant 2: Dai Ni Higashi, 2-chome, 3, Nishiyodogawa-ku, Osaka-shi  
"Daihatsu" diesel engines, rolling stock, air brakes, locomotives.
364. Hirano Gomu Seisakusho  
Ohama-dori, 3-chome, Sakai-shi  
Aircraft cloth.
365. Hitachi Seisakusho KK  
Osaka-shi  
Marine turbines.
366. Horai Shipbuilding Co.  
Osaka-shi  
Shipbuilding and ship repairing.
367. Ishibashi Shipyard  
Sakai-shi  
Shipbuilding and ship repairing.
368. Iwayama and Co., Ltd.  
Osaka-shi  
Cap.: 250,000 yen  
Auto parts.
369. Kaku Gomu KK  
Uraenaka, 2 of 5, Nishiyodogawa-ku, Osaka-shi  
Engine parts.
370. Kato Sharyo Seisakusho  
Osaka-shi  
Railroad cars.
371. Kawasaki Dock Yards  
Osaka-shi  
Shipbuilding, ship repairing.
372. Kawasaki Kokuki Kogyo KK  
Osaka-shi  
Aircraft, Aero-engines.

373. Kisha Seizo KK  
Osaka-shi  
Locomotives, cars.
374. Kizugawa Zosen Tekkosho  
Naniwa-ku, Osaka-shi  
Shipbuilding, ship repairing.
375. Kobe Denki Seisakusho  
Plant 1: Uraekita, 5 of 15, Nishiyodogawa-ku, Osaka-shi  
Plant 2: Tojimaho-dori, 33 of 1, Kita-ku, Osaka-shi  
Aircraft, maritime instruments.
376. Koyo Seiko  
Plant 1: Higashinari-ku, Osaka-shi  
Plant 2: Nishinari-ku, Osaka-shi  
Plant 3: Kukubu, 3433, Kokubu-machi, Minamikawachi-gun  
Aircraft bearings.
377. Kubota Tekkosho  
Sakai-shi  
Internal combustion engines.
378. Kuge and Co., Ltd.  
8 Minamihorie Sanban-cho, Nishi-ku, Osaka-shi  
Bicycles.
379. Kusuki Seisakusho KK  
Osaka-shi  
Locomotives, cars.
380. Maeda Kokon Kogyo  
(formerly: Kyushu Koku-Kai)  
Higashi-ku, Osaka-shi  
Aircraft.
381. Mitaka Koku Kogyo KK  
Nishi Dotonbori dori, 1-chome, Nishi-ku, Osaka-shi  
Cap.: 6,000,000 yen  
Aircraft.
382. Mitsuno Undo Yohin KK  
Urae Hon dori, 2, Nishiyodogawa-ku, Osaka-shi  
Aircraft fuselages, gliders.
383. Mizuno Gurida Seisaku-sho  
Branch offices: Tokyo, Nagoya and Kobe-shi  
Branch factories: Amagasaki-shi, Hyogo-ken and Itabashi-ku, Tokyo-shi, and Okawa-cho, Higashi-ku, Osaka-shi



- Cap.: 2,000,000 yen  
Aircraft parts: gliders.
384. Nakajima Zoki KK  
Nishi Dotobori, 5 of 17, Nishi-ku, Osaka-shi  
Aircraft, auto parts.
385. Nakatani Shokai  
Higashi-ku, Osaka-shi  
Bicycles, parts.
386. Namura Zosensho KK  
Taisho-ku, Osaka-shi  
Shipbuilding, ship repairing.
387. Naniwa Dock Co.  
Osaka-shi  
Shipbuilding, ship repairing.
388. Nippon Aluminum Co.  
Sakai-shi  
Aircraft parts.
389. Nippon Aruminiyuma Seizosho  
Plant 1: Miyahara-cho, 472, Higashiyodogawa-ku,  
Osaka-shi  
Plant 2: Uraw Kita, 4 of 19, Nishiyodogawa-ku,  
Osaka-shi  
Aircraft aluminum products; tanks, fuel, oil equipment.
390. Nippon Koku Seiki Kogyo KK  
Dojimahama-dori, 1 of 1, Kita-ku, Osaka-shi  
Aircraft fuselages; engines, parts.
391. Nippon Nainenki KK  
Sakai-shi  
Aircraft parts, internal combustion engines, mili-  
tary vehicles.
392. Nippon Ringyo Gomu  
Horinokami-cho, 302, Higashiyodogawa-ku, Osaka-shi  
Aircraft flexible tubing
393. Nippon Sanyo KK  
17 Sakurajima, Minamino-cho, Konohana-ku  
Osaka-shi  
Shipbuilding, ship repairing
394. Nippon Shuko KK  
Taisho-ku, Osaka-shi  
Aircraft parts; auto castings.

395. Nippon Tanko  
Plant 1: Nishiyodogawa-ku, Osaka-shi  
Plant 2: Taisho-ku, Osaka-shi  
Auto parts
396. Nissan Jidosha KK  
Taisho-ku, Osaka-shi  
Aircraft engines. Autos, auto parts; carburetors
397. Nita Beniya Seizosho  
Higashi-ku, Osaka-shi  
Aircraft materials
398. Nitta Senkyo Zosensho  
Osaka-shi  
Shipbuilding, ship repairing
399. Obara Tekkosho KK  
Nishiyodogawa-ku, Osaka-shi  
Aircraft parts
400. Oki Denki KK  
Oni Nishi, 1 of 48, Nishiyodogawa-ku, Osaka-shi  
Aircraft radio, telephone equipment
401. Ono Tekko Zosensho  
Osaka-shi  
Shipbuilding, ship repairing
402. Osaka Aluminum Co.  
Sakai-shi  
Aircraft gasoline tanks
403. Osaka Aruminiyumu Seisakusho  
Plant 1: Sakuragawa-cho, 3 of 1361, Naniwa-ku,  
Osaka-shi  
Plant 2: Sakuragawa-cho, 4 of 1356, Naniwa-ku,  
Osaka-shi  
Aircraft components; auto parts;  
Aircraft electrical equipment
404. Osaka Kiko  
Plant 1: Nishi-dori, 1-chome, Toyozaki-cho,  
Higashiyodogawa-ku, Osaka-shi  
Plant 2: Nishi-dori, 1 of 4, Toyozaki-cho, Higashi-  
yodogawa-ku, Osaka-shi  
Plant 3: Kato-cho, Nishiyodogawa, Osaka-shi  
Diesels, internal combustion engines

405. Osaka Kinzoku Kogyo KK  
Nakahira, 3 of 12, Nishinari-ku, Osaka-shi  
Aircraft components: engines, parts; fuel, oils;  
light aircraft metals
406. Osaka Tekkosho KK  
Osaka-shi  
Shipbuilding, ship repairing; engines, railroad cars
407. Osaka Wakayama Tekkosho  
Plant 1: Minato-ku, Osaka-shi  
Plant 2: Nishiyodogawa-ku, Osaka-shi  
Plant 3: Nagahashi-dori 2 of 12, Nishinari-ku, Osaka-shi  
Aircraft parts
408. Otomo Pisuton Ringu Seisakusho  
Minami-dori, 3 of 28, Nonaka, Higashiyodogawa-ku, Osaka  
shi  
Aircraft parts; piston rings; engines
409. Riken Alumite KK  
Plant 1: Inai-cho, 1 of 1993, Naniwa-ku, Osaka-shi  
Plant 2: Kajima-cho, 87 of 2, Nishiyodogawa-ku,  
Osaka-shi  
Plant 3: Shonai-machi, Toyono-gun, Osaka-shi  
Aircraft parts
410. Saito Kosakusho  
Higashinari-ku, Osaka-shi  
Aircraft, auto parts
411. Sakurajima Shipyards (Osaka Iron Works)  
Osaka-shi  
Shipbuilding, ship repairing
412. Sano Yasu Senkyo Kojo  
Osaka-shi  
Shipbuilding, ship repairing
413. Sharyo Seisakujo  
Sakai-shi  
Freight cars
414. Showa Seisakusho  
Nishi-ku, Osaka-shi  
Aircraft, auto parts
415. Suminoe Orimono KK  
Sumiyoshi-ku, Osaka-shi  
Aircraft, balloon fabrics

416. Sumitomo Densen Seisakusho KK  
Plant 1: Shimaya-cho, 36, Konohana-ku, Osaka-shi  
Plant 2: Shimaya-cho, 56, Konohana-ku, Osaka-shi  
Plant 3: Shimaya-cho, 249, Konohana-ku, Osaka-shi  
Aircraft propellers, spinners, blades; engine parts;  
aluminum, duralumin aircraft sheeting
417. Sumitomo Kinzoku Kogyo KK  
Osaka-shi  
Aircraft parts; propellers;  
governors
418. Takai Iron Works (Estd. 1896)  
Koyo-cho, Sakai-shi  
Bicycles, accessories
419. Takeda Shoten  
30 Sakurano-cho, Sakai-shi  
Bicycles, parts
420. Tanaka Sharyo KK  
Osaka-shi  
Railroad cars
421. Tanaka Tekkosho  
Higashiyodogawa-ku, Osaka-shi  
Aircraft parts (for Mitsubishi Jukogyo KK)
422. Teikoku (Imperial Japanese Aircraft Works)  
Plant 1: Nishinari-ku, Osaka-shi  
Plant 2: Tsurumachi, Minato-ku, Osaka-shi  
Aircraft engines
423. Teikoku Seibyō KK  
Hachijo-dori 3 of 28, Minato-ku, Osaka-shi  
Shichijo-dori, 3 of 25, Minato-ku, Osaka-shi  
Motocycles, parts
424. Toa Shokai  
39, 4-chome, Nishi-ku, Osaka-shi  
Marine machinery
425. Toba  
Osaka-shi  
Shipbuilding, ship repairing
426. Tokyo Tankosho  
Osaka-shi  
Aircraft, auto, motorcycle parts

427. Toyo Gosei Kako  
Shimochujo, 202, Ibaraki-machi, Mishima-gun  
Aircraft hydraulic lines, pipes, tubes
428. Toyo Kinzoku Mokko KK  
Higashi-ku, Osaka-shi  
Magnesium and aluminum castings for  
aircraft and auto parts; gliders
429. Toyoda Boshoku  
Taisho-ku, Osaka-shi  
Aircraft parts
430. Toyowa Jukogyo KK  
Taisho-ku, Osaka-shi  
Aircraft parts
431. Uchida Zosenso  
Osaka-shi  
Shipbuilding, ship repairing
432. Unemachi Sharyo KK  
Osaka-shi  
Railroad cars
433. Urabe Shipbuilding Co.  
Osaka-shi  
Shipbuilding, ship repairing
434. Yamagoe Spring Co.  
Hiraoka-machi, Nakakawachi-gun  
Aircraft parts  
Yamagoe Spring Co.  
Daikai-cho, Konohana-ku, Osaka-shi  
Aircraft parts
435. Yamaoka Hatsudoki Kosakusho  
Chaya-cho, 62, Kita-ku, Osaka-shi  
Internal combustion engines
436. Yamato Shokai Seisakusho  
Fukae Naka, 1 of 13, Higashinari-ku,  
Osaka-shi  
Aircraft parts
437. Yokohama Dock Co., Ltd.  
Osaka-shi  
Shipbuilding, ship repairing;  
Boilers, diesel engines

438. Yuasu Chikudenchi  
Mishima-gun  
Aircraft, submarine parts
- WOOD USING INDUSTRIES
439. Akita Mokuzai KK (Akita Lumber Co. Ltd.)  
Osaka-shi  
Sawmill, lumber department
440. Asahi Seishi KK (Asahi Paper Mfg. Co.)  
Business office: Osaka-shi  
Cap.: 300,000 yen  
Printing paper, lustrous paper, drawing paper, wrapping  
paper, parchment paper  
Annual output (1936): 4,500 tons
441. Carbon Paper (Mfg.) Co. Ltd.  
156, Urae Kita 1-chome, Nishiyodogawa-ku, Osaka-shi  
Carbon paper  
Annual production, 1,710,000 yen (1933)
442. Daido Yoshiten  
Osaka-shi  
Paper, industrial chemicals
443. Harada and Co. Ltd.  
Minami Kyuhojimachi, 1-chome, Higashi-ku Osaka-shi  
Carbon paper
444. Iniu Seishi KK  
Suita-shi  
Paper
445. Kita Tetsunosuke & Co.  
41 Higashi 1-chome, Lainin, Nishiyodogawa-ku, Osaka-shi  
Cap.: 300,000 yen  
Cork, cork discs, crown corks, capsul, tin plate printing
446. Miyashita Mokuzai KK  
Branches., Osaka-shi  
Lumber, planks, furniture, boxes, chests, shooks
447. Nagai Cellophane Co. Inc.  
75, Kawaramachi 5-chome, Higashi-ku, Osaka-shi  
Cellophane
448. Nakagawa & Co. Ltd.  
Izuo-Kitamura-cho, 1-chome, Taisho-ku, Osaka-shi  
Cap.: 425,000 yen  
Wood (white pine, oak), plywood, box shooks, etc.

449. Namiwa Seishi KK  
Average annual pulp production, 1937-39: 6,500 metric tons
450. Nikka Seishi KK  
3, Honjo Higashi 5-chome, Higashiyodogawa-ku, Osaka-shi  
Paper
451. Nippon Shigyo KK (Japan Paper Industry Co. Ltd.)  
Mills at Osaka  
Occidental and Japanese-style paper, paperboard
452. Nitta Veneer Mfg. Co.  
Osaka-shi  
Veneer (principally oak, maple, birch) for aircraft, plywood, veneer doors
453. Obayashi-gumi Ltd.  
Kyobashi, Higashi-ku, Osaka-shi  
Wood products
454. Oji Seichi KK  
12, Zengenji-cho, 4-chome, Kita-ku, Osaka-shi  
Paper
455. Okayama Seishi KK  
1, Utsubo Kita-dori, 4-chome, Nishi-ku, Osaka-shi
456. Okura Yoshiten Ltd. (Okura Paper Co.)  
Branch: Osaka-shi  
Paper
457. Rasa Pulp Kogyo KK  
Osaka-shi  
Pulp  
Average annual production, 1937-39, 6,600 metric tons
458. Rengoshiki (Rengo Shiki) KK  
Osaka or Tokyo  
Branch: Osaka  
Fibreboard, corrugated board, shipping containers
459. Showa Cork Kogyo Co. Ltd.  
Branch: Osaka  
Compressed cork board, cork pipe covering
460. Showa Transparent Paper Mfg. Co. Ltd.  
5, Edobori Minami-dori, 3-chome, Nishi-ku, Osaka-shi  
Cellophane

461. Taiyo Cork Kogyosho  
Branch: Osaka  
Cork boards, cork pipe covering, granulated cork, other cork products
462. Toyo Boseki KK  
Average annual pulp production, 1937-39: 10,000 metric tons
463. Toyo Carbon Paper Mfg. Co.  
Address: 28, Karamono-machi 2-chome, Higashi-ku, Osaka-shi
464. Yamacho & Co. Ltd.  
Branch: Osaka  
Plywood

## B. LIST OF PRODUCTS

(Numbers refer to companies in List A.)

## FOOD PRODUCTS

Agar-agar 36  
Aerated water 13, 23, 27, 33, 37  
Alcohol 4, 10  
Apple brandy 2  
Apple jelly 2  
Apple juice 2  
Bean paste 16, 23, 30, 38  
Beer 13, 33  
Biscuits 5, 21  
Butter 40  
Candy, hard 21  
Canned foods 12, 17, 19  
Caramels 5, 21  
Chocolates 21  
Corn oil 24  
Cornstarch 24  
Corn sugar 24  
Corn syrup 24  
Crab, canned 6  
Curry powder 8  
Drops (candy) 5  
Feed 20, 24  
Fish, canned 26  
Fish, dried 6  
Fish, frozen 6  
Fish meal 6  
Fish oil 6  
Fish, salted 6  
Fish, smoked 26  
Flour 31

Fodder 20, 24  
 Gooseberry jelly 2  
 Grape jelly 2  
 Laver 8  
 Macaroni 35  
 Mackerel, canned 6  
 Mayonnaise sauce 19  
 Mineral water 23, 27, 37  
 Molasses 4  
 Mustard 8  
 Pepper 8  
 Sake 1, 7, 9, 11, 14, 29, 34, 39  
 Salad oil 40  
 Salmon, canned 6  
 Sardines, canned 6  
 Soft drinks 1, 33, 37  
 Soy products 16, 18, 28, 30, 38  
 Soy sauce 16, 18, 28, 30, 38  
 Spaghetti 35  
 Spices 8  
 Stout (malt beverage) 13  
 Sugar, cube 3  
 Sugar, raw 3, 4, 10, 25, 32  
 Sugar, refined 3, 4, 10, 25, 32  
 Vegetables, canned 26  
 Vinegar 22  
 Whiskey 1, 15  
 Wine, grape 15  
 Worcestershire sauce 19, 22  
 Yeast preparations 1, 13

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Cotton yarn 42, 46, 47, 49, 51, 54, 55, 56, 57, 59, 60, 61  
 67, 69, 71, 72, 74, 77, 78, 81, 89, 91, 94, 95,  
 97, 103, 108, 109, 112, 114, 115  
 Cotton piece goods 42, 44, 46, 47, 49, 52, 53, 55, 59, 61,  
 63, 64, 65, 71, 72, 73, 74, 76, 78, 81,  
 82, 83, 88, 89, 90, 93, 94, 102, 104,  
 105, 107, 109, 112, 115  
 Hosiery 30, 86  
 Knit goods 86  
 Rayon yarn 41, 50, 72, 79, 87, 93, 99, 101, 106  
 Rayon piece goods 43, 52, 53, 73, 74, 83, 89, 104, 105, 109  
 112  
 Silk piece goods 73  
 Spun silk 46, 48, 57, 62, 109  
 Staple fibre piece goods 44, 46, 53, 61  
 Staple fibre yarn 55, 61, 70, 72, 84, 87, 93, 101, 106

Thrown silk 62  
 Underwear 86  
 Waterproof cloth 83  
 Woolen piece goods 46, 52, 53, 58, 61, 68, 73, 75, 76,  
 88, 92, 96, 102, 110, 111, 112, 113  
 Woolen yarn 45, 46, 48, 53, 61, 66, 75, 85, 96, 100, 102,  
 109, 110, 112, 113

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 Acetylene derivatives 193  
 Alcohol (butyl) 169, 192  
 Alcohol (ethyl) 122, 143, 205, 238  
 Alkaloids 147  
 Aluminum sulphate 180  
 Ammonium sulphate 247  
 Animal oils 214  
 Barium compounds 233  
 Black powder 194  
 Candles 161  
 Carbon (active) 240  
 Carbon black 162  
 Castor oil 160  
 Caustic soda 153, 221, 228, 230, 232, 234, 267  
 Cellophane 125  
 Celluloid goods 125, 143, 150  
 Chlorine 222, 230, 232, 234, 257  
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 Compressed gases 188  
 Cosmetics 183, 201  
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 Drugs 119, 123, 130, 134, 147, 151, 152, 168, 171  
 Dyes 116, 145, 162, 174, 179, 186, 202, 214, 216, 217, 221  
 226, 227, 239, 251, 264  
 Ether 126  
 Explosives 212  
 Fertilizer 170, 192, 253  
 Fuses 194, 207  
 Glue 214, 239  
 Glycerol 137, 167, 178, 185, 201, 204, 210, 215  
 Hormones, synthetic male 155  
 Hydrochloric acid 165  
 Incense 121, 166  
 Inks printing 162  
 Insecticides 120, 181, 187, 196, 260, 265  
 Intermediates 116, 140, 145, 163, 186, 202, 216, 217, 221  
 227, 236, 251, 264  
 Methanol 189

Narcotics  
 Nitric acids 133, 165, 198  
 Nitrocellulose 125, 257  
 Oils (essential) 161, 209, 239  
 Paint 117, 132, 153, 154, 162, 184, 197, 202  
 Perfume 209  
 Petroleum (refined) 176, 177, 200, 219, 245, 261, 262  
 Pharmaceuticals 127, 129, 131, 136, 175, 182, 192, 199, 202, 203, 218, 223, 225, 231, 235, 242, 243, 244, 248, 249, 250, 254, 255, 258, 260, 263, 266, 268, 269, 271  
 Phosphorus 158  
 Potassium alum 130  
 Propellants 125  
 Rubber goods 135, 138, 141, 142, 148, 149, 157, 173, 190, 191, 208, 246, 259  
 Soap 118, 139, 172, 183, 201  
 Soda ash 153  
 Sulphuric acid 128, 133, 159, 165, 195, 198, 202, 206, 211, 222, 224, 230, 232, 247, 252,  
 Superphosphates 247  
 Synthetic oils 156  
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 Bars 274, 281, 282, 285, 292  
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 Castings 274, 275, 280, 285, 292  
 Chains 274  
 Duralumin 279, 291  
 Forgings 274, 283, 285, 287, 292  
 Gold 276, 284  
 Iron 277  
 Iron, pig 275  
 Iron, sponge 274, 275  
 Mercury products 273  
 Plate 272, 281, 282, 283  
 Rods 274  
 Shapes 281  
 Silver 276, 284

Steel 277  
 Steel, crucible 287  
 Steel, electric 274, 280, 283, 287  
 Steel, ingot 277, 281, 290, 292  
 Steel, k.s. magnet 292  
 Steel, manganese 292  
 Steel, open hearth 275, 281, 282, 292  
 Steel, rolled 274, 277, 281, 282, 285, 292  
 Steel, special 274, 280, 285  
 Tin, electrolytic 276  
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 Electrical instruments 301, 304, 313, 314, 320, 322, 334, 338, 339, 330  
 Electrical machinery 301, 304, 305, 317, 318, 323, 330, 334, 338, 339, 343, 346  
 Industrial and mfg. machinery 304, 324, 328, 330, 332, 335, 340, 345  
 Machine tools 303, 307, 315, 321, 324, 325, 326, 329, 331, 334 344  
 Marine machinery 300, 315, 332  
 Measuring instruments 311  
 Medical instruments 316  
 Mining machinery 304, 307, 309, 312, 324, 335  
 Prime movers 302, 304, 309, 315, 325, 326, 329, 330, 335  
 Textile mfg. machinery 307

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 Aircraft parts 347, 349, 353, 356, 357, 376, 382, 383, 384, 388, 390, 391, 392, 394, 399, 402, 403, 405, 407, 408, 409, 410, 414, 416, 417, 421, 426, 427, 429, 430, 434, 436, 438  
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 Aircraft engines parts 376, 405, 416, 390

Aircraft equipment 364, 389, 400, 403  
 Aircraft fuel and oils 405  
 Aircraft instruments 355, 375  
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 Automobiles and parts 352, 356, 357, 368, 384, 394, 395, 396,  
 403, 410, 414, 426, 428  
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 Engines (diesel and gas) 363, 377, 391, 404, 435, 437  
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 Marine engines, boilers, turbines and machinery 359, 365, 406,  
 424, 437  
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 401, 406, 411, 412, 425, 431, 433,  
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 Plywood and veneer 448, 452, 464  
 Pulp 449, 455, 457, 462  
 Toys

## APPENDIX II

## RAILROAD LINES

The following railroad lines are discussed in this appendix (See Tables 89-145):

1. Osaka RR, Main Line
2. Daiki (Osaka) RR, Nara Line
3. Tokaido Main Line
4. Katamachi Line
5. Kansai Main Line
6. Kyohan RR, Shinkeihan Line
7. Keihan Main Line
8. Hanwa Electric RR
9. Nankai RR, Main Line
10. Nankai RR, Koya Line
11. Hanshin Express RR, Takarazuka Line
12. Hanshin Express RR, Main Line
13. Hanshin Express RR, Dempo Line
14. Hanshin Kokudo Elec. RR
15. Hanshin Express RR, Hankyu Line
16. Nose Electric RR
17. Shigisan Electric RR
18. Daiki (Osaka) RR, Sakurai Line
19. Kyohan Electric RR, Senriyama Line
20. Shigi-Ikoma Electric Line
21. Osaka RR, Nagano Line
22. Hanshin Express RR, Minoo Line
23. Daiki (Osaka) RR, Takayasu Line
24. Cable Car RR
25. Nankai RR, Hankai Line
26. Nankai RR, Uwamachi Line
27. Nankai RR, Hirano Line
28. Hankai Electric RR
29. Government Freight Line
30. Nishinari Line
31. Rinko Freight Line
32. Kyohan RR, Juso Line
33. Tokaido RR, Northern Freight Express Line
34. Joto Line (Elevated)
35. Joto Freight Line (Elevated)
36. Special Purpose RR in Kishiwada-shi
37. Mizuma Electric RR
38. Private RR, East of Osaka
39. Tanagawa Line
40. Osaka Subway System
41. Osaka Street Railway System

Mileage given in the tables of this appendix are correct within one percent in nearly all cases. The total mileage in the prefecture does not include double track, spurs, sidings and yard tracks unless so stated. Bridge and tunnel lengths are approximate unless carried out to inches or decimals. Bridges under 200 feet in length are designated as "short span" bridges.

In the tables of stations reference to a civil subdivision indicates there is an unnamed station there.

1. Osaka RR, Main Line.

Private electric line from Osaka to Unebi-machi, Nara-ken.

Passenger and freight traffic, 1942 estimates: passengers hauled: 47,047,000; freight hauled: 48,943 tons.

Rolling stock, 1942 estimates: locomotives: 4; motor cars: 13; passenger cars: 141; freight cars: 13.

Figures include traffic and rolling stock on Osaka RR Nagano Line (21); Daiki (Osaka) RR, Nara Line (2); Daiki (Osaka) RR, Sakurai Line (18), and Daiki (Osaka) RR, Takayasu Line (23) below.

TABLE 89

Stations and Features, Osaka RR, Main Line, Osaka-fu

Mileage from Tennoji Station (also called Osaka-Abenobashi Station)

0.0	Tennoji Station, Osaka, northern terminal. Double track
0.7	Osaka
1.3	Kita-Tanabe Station
1.8	Kohakawa Station
2.4	Harinakano Station
3.2	Yata Station
4.6	Amami-Shako-Mae Station
5.3	Munose Station
5.7	Takami
6.3	Kawachi-Matsubara Station
8.0	Takawashi-mura
8.6	Fujiidera Station

9.3	Goriyomae Station
9.8	Kofu
10.2	Domyoji Station
11.3	Konda Station
11.6	Furuichi Station. Junction with Osaka RR, Nagano Line to south.
12.5	Komagadani Station
13.8	Kamino-Taishi Station
15.4	Nara-ken Boundary

There is one tunnel, 300 feet long, where the railroad leaves the prefecture.

TABLE 90

Bridges and Overheads\*, Osaka RR, Main Line, Osaka-fu

Mileage from Tennoji Sta.	Length & Type	Obstacle
2.1	Short span	Nankai RR Hirano Line
3.7	Steel 600' long	Yamato-gawa
3.9	Short span	Creek
*7.5	Short span	Highway
*11.9	Short span	Road
12.1	Steel 400' long	Ishi-kawa
13.5	Short span	Asuka-gawa

\*Overheads

2. Daiki (Osaka) RR, Nara Line

Private electric line from Osaka to Nara, part of Osaka RR system.

For traffic and rolling stock estimates see Osaka RR Main Line (1) above.

TABLE 91

Stations and Features, Daiki (Osaka) RR, Nara Line, Osaka-fu.

Mileage from Uehommachi Sta.

0.0	Uehommachi Station. Osaka Western terminal. Double track
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0.8	Station in Higashi-Obasecho, Osaka
1.6	Imasato Station
2.4	Fuse Station
2.5	Junction with Daiki (Osaka) RR, Sakurai Line, to South
3.5	Daikikosaka Station
5.0	Wakae-Iwata Station
5.5	Yoshida
6.1	Yoshida
6.8	Kawachi-mura
7.6	Hiraokama Station
8.1	Toyora
8.6	Ishikiri Station
9.1	Washio Station
10.0	Nara-ken Boundary

TABLE 92

Bridges and Overheads\*, Daiki (Osaka) RR,  
Nara Line, Osaka-fu

Mileage from Uehommachi Sta.	Length & Type	Obstacle
*0.5	Short span	Street & tramway
0.6	Short span	Joto Line Electric
1.1	Short span	Shin-hirano-gawa
3.3	Short span	Stream
4.3	Short span	Stream
6.4	Short span	Onchi-gawa
6.5	300' long	Onchi-gawa
*7.9	Short span	Road
8.4	Short span	Stream

\*There are 2 tunnels on the line, the first, 500 ft. long, at 8.7 miles from the Osaka terminal and the second, 10,500 feet long, at the prefecture border. Approximately 4,200 feet of last tunnel is in Osaka-fu.

3. Tokaido Main Line.

Main government line between Tokyo and Kobe, multiple track through Osaka-fu.

Passenger traffic, 1937 estimates: Kyoto-Osaka 53 trains and Osaka-Kobe 44 trains daily each way.

Freight traffic, 1944 estimate: 19,100,000 metric tons, including weight of cars and contents.

The Fukuchiyama Line from Fukuchiyama-shi, Kyoto-fu, uses Tokaido Main Line track from Amagasaki-shi to Osaka. Sixteen trains included in above figures are from this line.

TABLE 93

Stations and Features, Tokaido Main Line, Osaka-fu

Mileage from Nara-ken Boundary	
0.0	Yamazaki Station, Nara-ken Boundary at Yamazaki Station.
4.7	Takatsuki Station
6.4	Settsu-Tonda Station
8.7	Ibaraki-machi
10.1	Junction with north lead to Suita Yard, on east side of Main Line. Yard approximately 1.6 miles long, exclusive of leads, but including Car Shop & tracks. North lead (2 tracks) approximately 0.9 miles long.
12.8	Junction. Spur leads 0.6 miles to west. Another spur-0.4 miles leads off this spur to the north, 0.3 miles from this junction.
12.9	Junction, with south lead from Suita Yard. This lead is approximately 0.5 miles long.
13.1	Suita Station
13.4	Junction with connecting RR leading south to Katamachi Line
15.3	Junction with Freight Line cut-off to west (one leg of wye).
15.7	Junction with Freight Line cut-off from west (2nd leg of wye)
16.6	Junction with 2 tracks leading 0.8 mile to freight yard north of and adjacent to Osaka Station. 5 tracks with a total length of 2.2 miles. Yard also has freight sheds & loading platforms.
17.8	Osaka Station
18.2	Junction, Nishinari Line Electric leaves Tokaido Main Line, to south.
20.7	Junction, Freight Line cut-off from east rejoins Tokaido Main Line.
21.6	Hyogo-ken Boundary

TABLE 94

Bridges and Overheads\*, Tokaido Main Line, Osaka-fu

Mileage from Nara-ken Boundary	Length & Type	Obstacle
*0.4	Short span	Road
*0.6	Short span	Road
*1.8	Short span	Prefecture highway
*2.0	Short span	Road
2.5	Short span	Stream
*2.6	Short span	Road
*2.8	Short span	Road
*3.1	Short span	Road
*3.5	Short span	Road
*3.6	Short span	Road
5.3	Short span	Ditch
7.4	Short span	Stream
7.6	Short span	Stream
7.7	Short span	Stream
*7.9	Short span	Road
7.9	Short span	Stream
8.1	Short span	Stream
*8.2	Short span	Road
*8.4	Short span	Road
*8.6	Short span	Road
*9.5	Short span	Prefecture Highway
9.7	Short span	Stream
*10.7	Short span	Road
*11.0	Short span	Road
11.1	Short span	Stream
11.4	Short span	Stream
*11.5	Short span	Street
*11.8	Short span	Road
*13.3	Short span	Street
*13.4	Short span	Kyohan Electric RR, Senriyama Line
14.2	Short span	Stream
14.5	Short span	Stream
*14.6	Steel 200' long	Road
*14.8	Short span	Road
*15.9	300' long	Juso Line Electric
16.1	Steel 2500' long	Shin-yodo-gawa
16.5	Beginning of elevated structure carrying Tokaido Main Line through Osaka Station. This structure was built in 1934-35 and does not show on AMS L775 (1932). There is also an elevated structure 0.4 mile long connecting with this structure, carrying the lead to the freight yard adjacent to Osaka.	

Mileage from Nara-ken Boundary	Length & Type	Obstacle
19.0	End of elevated structure	
19.0	Steel 2500' long	Shin-yodo-gawa
19.6	Short span	Stream
*19.7	Short span	Stream
20.0	Short span	Stream
*20.2	Short span	Road
20.8	Short span	Stream
*21.0	Short span	Prefecture highway
21.4	Short span	Stream
21.5	Steel 700' long	Kanzaki-gawa, Hyogo-ken Boundary

4. Katamachi Line

Government single track steam line from Osaka to Kizu. Passenger traffic (1937 estimates). 25 trains daily each way.

TABLE 95

Stations and Features, Katamachi Line, Osaka-fu.

Mileage from Katamachi Station	Stations and Features
0.0	Katamachi Station, western terminal, Osaka. Single track.
0.2	Kyobashi Station
0.8	Junction with connection from Tokaido Main Line to the north. Begin double track.
2.2	Hanaten Station. Begin single track
2.5	Junction with Joto Freight Line to the south.
3.4	Tokuan Station
4.5	Konoikeshinden Station
6.0	Suminodo Station
7.4	Nozaki Station
8.2	Shijonawate Station
11.3	Hoshida Station
14.6	Tusda Station
16.5	Nagao Station
17.1	Kyoto-fu Boundary

TABLE 96

Bridges & Overheads\*, Katamachi Line, Osaka-fu

Mileage from Katamachi Station	Length & Type	Obstacle
0.9	Short span	Niya-gawa
3.7	Short span	Niya-gawa
3.8	Short span	Creek
6.4	Short span	Onchi-gawa
7.1	Short span	Creek
9.8	Short span	Creek
12.1	Short span	Amono-gawa
*12.4	Short span	Road
*12.8	Short span	Road
*15.0	Short span	Street
15.5	Short span	Hotani-gawa
16.6	Short span	Hata-gawa

There is one tunnel 400 feet long on the line. Tunnel is at Osaka-Nara ken border.

5. Kansai Main Line.

Alternate government main line from Nagoya to Osaka.

Passenger traffic (1937), 18 trains daily each way.

Freight traffic (1944 estimate), 6,100,000 metric tons including weight of cars and contents.

TABLE 97

Stations & Features, Kansai Main Line, Osaka-fu

Mileage from Minatomachi Station	Stations & Features
0.0	Minatomachi Sta. in southwestern Osaka-western terminal of line. Double track
0.8	Junction with Freight Line (serving Osaka harbor), from north
0.9	Imamiya Sta., Osaka-shi
2.0	Junction with connection 0.7 miles long from south, from Nankai RR., Main Line electrified
2.3	Tennoji Sta., Osaka-shi
3.5	Kudara Sta., Osaka-shi
4.7	Hirano Sta., Osaka-shi

Mileage from Minatomachi Station

5.2	Junction with Joto Freight Line to the north
5.8	Kami Station
6.7	Kyuhoji Sta.
7.4	Yao Sta.
9.0	Shiki Sta.
10.0	Kashiwara Sta.
10.1	Junction with Osaka RR. Elec., Nagano Line, to south
13.0	Kawachi-Katakami Sta.
13.6	Kamenose-Nishiguchi Sta.
14.4	Nara-ken boundary

TABLE 98

Bridges & Overheads\*, Kansai Main Line, Osaka-fu

Mileage from Minatomachi Sta.	Length & Type	Obstacle
0.6	Short span	Canal
*1.3	Short span	Street
*1.4	Short span	Street
*1.4	Short span	Nankai RR., Main Line
*1.7	Short span	Street
*1.7	Short span	Nankai RR. Hirano Line
6.4	Short span	Stream
8.8	Short span	Stream
12.0	600 ft. steel	Katsuge-gawa
12.4	300 ft. steel	Katsuge-gawa

There is one tunnel 900 feet long at 12.2 miles from Minatomachi station.

6. Kyohan RR., Shinkeihan Line.

Private electric double-track line running between Osaka and Kyoto west of Yodo-gawa. Line roughly parallels tracks of Tokaido Main Line.

Traffic and rolling stock estimates (1942) including Senriyama Line (19), and the Juso Line (32) below, and Arashiyama Line in Kyoto-fu: passengers hauled 23,703,000; freight hauled 5,147 tons; passenger cars, 100; freight cars, 24.

Power: electricity; contact system is overhead compound catenary. There are 2 substations.

TABLE 99

Stations & Features, Kyohan RR., Shinkeihan Line,  
Osaka-fu

Mileage from Tenjimbashi Sta.	
0.0	Tenjimbashi Sta. in Osaka, southern terminal. Double track
1.2	Kunijimamachi, Osaka-shi
1.9	Junction with Kyohan RR., Juso Line from SW.
2.0	Awaji Sta.
2.1	Junction with Kyohan Elec. RR., Senriyama Line to North
3.2	Shimo-Shinjomachi
3.9	Suitamachi Sta.
5.3	Shoja Sta.
8.7	Ibarakimachi Sta.
10.2	Tondamachi Sta.
12.2	Takatsuki Sta.
16.5	Kyoto-fu boundary

TABLE 100

Bridges & Overheads\*, Kyohan RR., Shinkeihan Line,  
Osaka-fu

Mileage from Tenjimbashi Sta.	Length & Type	Obstacle
*0.1	Beginning of masonry elevated structure	
*0.5	End of masonry elevated structure	
0.5	2,000 ft. steel	Shin-Yodo-gawa
*0.9	Beginning of masonry elevated structure	
*1.1	End of masonry elevated structure	
2.6	Short span	Prefectural highway
3.1	Short span	Stream
3.7	300 ft. steel	Kanzaki-gawa
4.0	500 ft. steel	Ai-kawa
*5.7	Short span	Road
8.1	Short span	Ibaraki-gawa
9.1	Short span	Ai-kawa
*9.3	Short span	Prefectural highway

Mileage from Tenjimbashi Sta.	Length & Type	Obstacle
10.6	Short span	Stream
10.7	Short span	Stream
11.4	Short span	Akuta-gawa
*13.1	Short span	Road
13.3	Short span	Hinoo-gawa
13.5	Short span	Road
13.7	Short span	Stream
*14.1	Short span	Road
16.2	Short span	Stream

7. Keihan Main Line.

Private electric double-track line running between Osaka and Kyoto via Fushimi. It is primarily a passenger line but supplements Tokaido Main line for some freight between the 2 cities.

Traffic and rolling stock estimates (1942), including other branches of Keihan RR in Kyoto-fu and Shiga-ken: passengers hauled 52,654,000 freight hauled 22,730 tons; passenger cars, 44; freight cars, 17.

Rails: 103 and 108 pounds.

Power: electricity. Bulk supply is purchased. There are 7 substations. Contact system is overhead, single or double catenary.

TABLE 101

Stations & Features, Keihan Main Line, Osaka-fu

Mileage from Temabashi Sta.	
0.0	Temabashi Sta., Osaka, southern terminal. Double track
0.6	Nodabashi Sta.
1.2	Gamo Sta.
1.9	Noe Sta.
2.4	Sekimemachi Sta.
2.9	Shinmorishoji Sta.
3.5	Morishoji Sta.
3.8	Sta.
4.2	Junction, spur 0.2 miles long leads to bldg. in east
4.3	Moriguchi Sta. Spur 0.1 mile long leads to same bldg. in east.

Mileage from  
Temabashi Sta.

5.1	Sta.
6.0	Sta.
7.2	Sta.
8.4	Sta.
10.2	Kori Sta.
11.1	Sta.
12.2	Hirakata Sta.
12.9	Sta.
13.7	Sta.
15.1	Makino Sta.
16.7	Hirakata-machi
17.8	Kyoto-fu boundary

TABLE 102

Bridges & Overheads\*, Keihan Main Line, Osaka-fu

Mileage from Temabashi Sta.	Length & Type	Obstacle
*1.3	Short span	Branch of RR. line connecting Tokaido & Katamachi Lines
*1.5	Short span	Street
*1.7	Beginning of elevated masonry structure	
*2.0	Short span	Street
*2.8	Short span	Street
*3.2	Short span	Street
*3.3	Short span	Street
*3.6	Short span	Street
3.8	End of masonry elevated structure	
6.3	Short span	Furu-kawa
9.8	Short span	Stream
13.1	Short span	Amono-gawa

8. Hanwa Electric RR.

Private line from Osaka to Wakayama-shi.

Passenger and freight traffic (1942 estimates): passengers hauled, 21,345,000; freight hauled, 323,858 tons.

Rolling stock (1942 estimates): 48 passenger cars, 126 freight cars.

TABLE 103

Stations & Features, Hanwa Elec. RR., Osaka-fu

Mileage from  
Hanwa-Tennoji Sta.

0.0	Hanwa-Tennoji Sta., Osaka, northern terminal. Double track
0.8	Osaka-shi
1.8	Minamitanabe Sta.
2.8	Rinnanjimae Sta.
3.5	Sta., Osaka-shi
4.1	Sta., Osaka-shi
5.3	Okaishi Sta., Sakai-shi
6.6	Nintokoyomae Sta., Sakai-shi
7.5	Uenoshiwa Sta., Sakai-shi
9.1	Ohatori Sta., junction with 2 tracks leading 0.9 miles west to Hanwahamadera Sta. Junction with spur 0.2 mile long, parallel to main line on E. side, leading to south
9.3	Sta. in Izumiotsu-shi
10.8	Shinodayama Sta.
11.7	Izumifuchu Sta.
12.7	Kumeda Sta.
14.5	Hanwa-Kishiwada Sta.
16.1	Sta. in Kishiwada-shi
17.1	Izumi-Hashimoto Sta.
18.3	Kumatori Sta.
20.0	Himeno Sta.
21.2	Nagataki Sta.
22.1	Shinge Sta.
23.4	Hanwa-Suna Gawa Sta.
24.7	Yamanakadani Sta.
27.5	Wakayama-ken boundary
28.5	

TABLE 104

Bridges & Overheads\*, Hanwa Elec. RR., Osaka-fu

Mileage from Hanwa-Tennoji Sta.	Length & Type	Obstacle
*0.3	Short span	Joto Line elevated
*0.4	Short span	Kansai Main Line
*0.4	Beginning of masonry elevated structure	
1.6	End of elevated structure	
4.6	600 ft. steel	Yamato-gawa
*4.8	Short span	Road
*7.9	Short span	Road
8.3	Short span	Stream

Mileage from Hanwa-Tennoji Sta.	Length & Type	Obstacle
*8.4	Short span	Road
13.0	Short span	Stream
13.1	Short span	Stream
13.2	200 ft. steel	Makinoo-gawa
13.6	Short span	Matsunoo-gawa
13.6	Short span	Ushitaki-gawa
13.7	Short span	Stream
14.3	Short span	Stream
*14.3	Short span	Special purpose railroad
16.5	Short span	Stream
*16.6	Short span	Road
16.7	Short span	Tsuda-gawa
*17.6	Short span	Prefectural highway
*17.6	Short span	Mizuma Elec. RR.
*17.7	Short span	Road
18.0	Short span	Kogi-gawa
18.9	Short span	Mide-gawa
*19.0	Short span	Road
20.2	Short span	Sano-gawa
*22.4	Short span	Road
22.5	Short span	Stream
22.7	Short span	Kashinoi-gawa
*22.7	Short span	Road
23.7	Short span	Stream
24.0	Short span	Stream
*25.4	Short span	Prefectural highway
25.6	Short span	Kinuji-gawa
*25.8	Short span	Road
*26.3	Short span	Road & stream
26.7	Short span	Stream
26.8	Short span	Stream
27.0	Short span	Stream
27.2	Short span	Stream
27.4	Short span	Stream
27.6	Short span	Stream
28.0	Short span	Stream
28.1	Short span	Stream
28.2	Short span	Stream
28.3	Short span	Stream
28.4	Short span	Stream

There are 2 tunnels each 200 feet long at 26.9 and 28.2 miles respectively from Hanwa-Tennoji station.

9. Nankai RR., Main Line.

Private electric line from Osaka to Wakayama-shi.

Passenger and freight traffic (1942 estimates): passengers hauled, 84,457,000; freight hauled, 819,726 tons.

Rolling stock (1942 estimates); 20 electric locomotives, 7 steam locomotives, 206 passenger cars, 518 freight cars. Above figures include Nankai RR., Koya Line (10) below.

TABLE 105

Stations & Features, Nankai RR., Main Line, Osaka-fu

Mileage from Namba Sta.	Stations & Features
0.0	Namba Sta. in Osaka-shi. Northern terminal.
	Double track
0.6	Imamiyaebisu Sta.
1.3	Haginochaya Sta.
1.5	Junction with spur to Kansai Main Line, from north.
1.9	Tengachaya Sta.
2.4	Kishinosato Sta.
2.6	Tamaoe Sta.
3.2	Konama Sta.
3.6	Sumiyoshi-Koen Sta.
3.9	Junction, spur 0.1 mile long leads west
4.1	Sta. in Osaka-shi
5.1	Shichido Sta., Sakai-shi
6.0	Sakai Sta.
6.3	Ryujin Sta.
6.9	Minato Sta.
7.8	Ishizugawa Sta.
8.4	Suwanomori Sta.
9.1	Hamadera-Koen Sta.
9.5	Hagoromo Sta.
9.9	Junction with spur 0.5 mile long leading to west, to Kiyarabashi Sta. 0.2 mile from this jct, and to Taka-Shinohama Sta. at end of spur
10.6	Kuzunoha Sta.
11.9	Sukematsu Sta.
12.5	Sta. in Izumiotsu-shi
13.7	Tadoaki Sta.
14.6	Haruki Sta.
14.8	Grade crossing with special purpose rwy. in Haruki-machi

Mileage from  
Namba Sta.

16.0	Kishiwada Sta.
16.5	Takojizo Sta.
17.6	Kaizuka Sta.
19.3	Tsuruhara Sta.
20.9	Sano Sta.
22.9	Yoshimosato Sta.
23.8	Okadaura Sta.
25.0	Tarui Sta.
26.5	Ozaki Sta.
27.4	Tottorinosho Sta.
28.6	Hakotsukuri Sta.
31.2	Tannowa Sta.
32.5	Fuke Sta.
35.4	Wakayama-ken boundary

TABLE 106

Bridges & Overheads\*, Nankai RR., Main Line, Osaka-fu

Mileage from  
Namba Sta.

Mileage from Namba Sta.	Length & Type	Obstacle
3.7	Short span	Stream
4.7	600 ft. steel	Yamato-gawa
5.8	300 ft.	Canal
*6.3	Short span	Street
8.0	Short span	Stream
11.1	Short span	Stream
12.1	Short span	Stream
13.1	Short span	Stream
13.2	300 ft. steel	Stream
14.1	Short span	Stream
*16.9	300 ft.	Road
17.3	Short span	Stream
18.4	Short span	Kogi-gawa
	Steel, 200 ft.	
19.0	Short span	Stream
19.5	Short span	Stream
20.1	Short span	Sano-gawa
21.6	Short span	Stream
21.8	Short span	Stream
22.0	Short span	Stream
22.7	Short span	Stream
*23.3	Short span	Road
23.4	Short span	Kashinoi-gawa
25.5	Short span	Stream
25.9	Short span	Kinyuji-gawa

Mileage from  
Namba Sta.

Mileage from Namba Sta.	Length & Type	Obstacle
27.8	Short span	Stream
28.0	Short span	Stream

10. Nankai RR., Koya Line.

Branch line of Nankai RR., extending from Osaka-shi to Hashimoto-machi and Koya-machi in Wakayama-ken.

Traffic and rolling stock figures included under Nankai RR. Main Line (9) above.

TABLE 107

Stations & Features, Nankai RR., Koya Line, Osaka-fu

Mileage from  
Shiomibashi Sta.

0.0	Shiomibashi Sta., Osaka, northern terminal
	Double track
0.5	Ashiharacho Sta., Osaka
1.0	Kitsugawa Sta.
1.6	Tsumori Sta.
2.2	Nishi-Tenga Chaya Sta.
2.9	Kishinosato Sta.
3.9	Grade crossing with Nankai RR., Uwamachi Line
4.1	Sumiyoshi-Higashi Sta.
5.0	Abikomae Sta.
5.8	Asakayama Sta.
6.9	Sakai-Higashi Sta.
8.3	Mozuhachiman Sta.
8.9	Nakamozu Sta.
10.5	Nishimura Sta.
11.0	Hagiharatenjin Sta.
12.2	Kitanoda Sta.
12.8	Sayama Sta. Begin single track
13.8	Kawachihanda Sta.
15.5	Takidani Sta.
17.6	Junction with Osaka RR., Nagano Line from north
17.7	Nagano Sta.
18.8	Mikkaichicho Sta.
21.0	Chihayaguchi Sta.
22.0	Amami Sta.
23.4	Wakayama-ken boundary

TABLE 108

## Bridges &amp; Overheads\*, Nankai RR., Koza Line, Osaka-fu

Mileage from Shiomibashi Sta.	Length & Type	Obstacle
1.3	Short span	Stream
1.4	Short span	Stream
1.8	Short span	Stream
*2.7	Short span	Street
*2.8	Short span	Street
*2.8	Short span	Nankai RR. Main Line
*3.0	Short span	Nankai RR. Hankai Line
5.4	600 ft. steel	Yamato-gawa
*7.8	Short span	Hanwa Elec. RR.
10.1	Short span	Stream
*10.3	Short span	Road
12.4	Short span	Stream
*13.4	Short span	Road
*18.5	Short span	Prefectural highway
20.1	Short span	Stream
20.2	Short span	Stream

There is one tunnel 5,200 feet long at Wakayama-ken boundary. Approximately 3,100 feet of this tunnel is in Osaka-fu.

11. Hanshin Express RR., Takarazuka Line.

Private electric express line from outskirts of Osaka-shi to Takarazuka in Hyogo-ken.

Traffic and rolling stock figures included with those of Hanshin Express RR., Hankyun Line (15) below.

TABLE 109

## Stations &amp; Features, Hanshin Express RR., Takarazuka Line, Osaka-fu

Mileage from Joso Sta.	Stations & Features
0.0	Joso Sta. on Hanshin Express RR. Southern terminal. Double track. Leaves Hanshin Express RR. at this station
0.1	Junction with Kyohan RR. Juso Line to north
1.2	Shonai-machi
3.1	Hattori Sta.
3.8	Nakatshima-mura

Mileage from  
Joso Station

4.4	Okamachi Sta.
5.9	Toyonaka-shi
6.8	Junction with Hanshin Express RR., Minoo Line to north
6.9	Sta.
8.4	Ikeda-shi
8.7	Hyogo-ken boundary

TABLE 110

## Bridges &amp; Overheads\*, Hanshin Express RR., Takarazuka Line, Osaka-fu

Mileage from Juso Sta.	Length & Type	Obstacle
*0.3	Short span	Road
*0.5	Short span	Tokaido RR., northern Freight Express Line
1.3	400 ft. steel	Kanzaki-gawa
2.5	Short span	Stream
7.0	Short span	Stream
*8.7	500 ft.	Ina-gawa & Prefectural highway. Hyogo-ken boundary

12. Hanshin Express RR., Main Line.

Private electric line from Osaka to Kobe.

Passenger and freight traffic (1942 estimates): passengers hauled 92,965,000; freight hauled, no estimate.

Rolling stock (1942 estimates): 107 motor cars, 15 freight motor cars, 250 passenger cars, 9 freight cars.

Above figures include those for Hanshin Express RR., Dempo Line (13), and Hanshin Kokudo Elec. RR. (14) below, and additional lines in Hyogo-ken.



Restricted

TABLE 111

Stations & Features, Hanshin Express RR., Main Line,  
Osaka-fu

Mileage from  
Eastern Terminal-Umeda Sta.

0.0	Umeda Sta., eastern terminal, Osaka. Double track
0.5	Sta. in Osaka-shi
1.2	Noda Sta.
2.4	Hieshima Sta.
3.4	Chibune Sta.
3.8	Hyogo-ken boundary

TABLE 112

Bridges & Overheads\*, Hanshin Express RR., Main Line,  
Osaka-fu

Mileage from  
Umeda Sta.

Mileage from Umeda Sta.	Length & Type	Obstacle
0.3	Short span	Street
*0.9	Short span	Nishinari Line
*0.9	Short span	Street
1.9	2,300 ft. steel	Shin-Yodo-gawa
*2.8	Short span	Street
3.3	400 ft. steel	Kanzaki-gawa
3.5	Short span	Kanzaki-gawa
3.8	400 ft. steel	Samondono-gawa, Hyogo-ken boundary

13. Hanshin Express RR., Dempo Line.

Cutoff from Hanshin Elec. RR., Main Line from Hyogo-ken border to south part of Osaka.

For traffic and rolling stock figures see Hanshin Elec. RR., Main Line (12) above.

TABLE 113

Stations and Features, Hanshin Express RR., Dempo Line,  
Osaka-fu

Mileage from  
Eastern terminal

0.0	Osaka-shi, eastern terminal in northwestern Osaka. Double track
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Restricted

Restricted

Mileage from  
Eastern terminal

0.5	Sta. in Osaka-shi
1.4	Sta. in Osaka-shi
2.5	Hyogo-ken boundary

TABLE 114

Bridges & Overheads\*, Hanshin Express RR., Dempo Line,  
Osaka-fu

Mileage from  
Eastern terminal

Mileage from Eastern terminal	Length & Type	Obstacle
0.6	2,100 ft. steel	
*1.5	Short span	Road & stream
1.8	Short span	Branch of Kanzaki-gawa
2.0	400 ft. (est.)	Kanzaki-gawa
2.4	400 ft. steel	Samondono-gawa

14. Hanshin Kokudo Elec. RR.

Private passenger line from Osaka to Kobe.

For traffic and rolling stock figures see Hanshin Elec. RR., Main Line (12) above. All stations in Osaka-fu on this line are in Osaka-shi.

TABLE 115

Stations & Features, Hanshin Kokudo Elec. RR., Osaka-fu

Mileage from  
Eastern terminal

0.0	Sta. Osaka, eastern terminal, near Noda Sta. on Hanshin Elec. RR. in Osaka. Single track
0.4	Sta.
1.0	Sta.
1.8	Sta.
2.2	Hyogo-ken boundary

347  
Restricted

TABLE 116

## Bridges, Hanshin Kokudo Elec. RR., Osaka-fu

Mileage from Eastern terminal	Length & Type	Obstacle
0.4	2,100 ft. steel	Shin-Yodo-gawa
1.3	1,000 ft. steel	Kauzaki-kawa
2.2	400 ft. steel	Samondono-gawa, Hyogo-ken boundary

15. Hanshin Express RR., Hankyu Line.

Main line of Hanshin Express RR. from Osaka to Kobe.

Traffic estimates (1942): passengers hauled 71,664,000; freight hauled, 7,563 tons.

Rolling stock estimates (1942): 107 motor cars, 15 freight motor cars, 196 passenger cars, 13 freight cars.

Above figures include Hanshin Express RR., Takarazuka Line (11) above and Minoo Line (12) below.

TABLE 117

## Stations &amp; Features, Hanshin Express RR., Hankyu Line, Osaka-fu

Mileage from Umeda Sta.	Stations & Features
0.0	Umeda Sta. Osaka, eastern terminal. Double track
1.6	Juso Sta. Junction with Kyohan RR., Juso Line and Takarazuka Line to east & north respectively
2.1	Grade crossing with Tokaido RR., Northern Frt. Express Line (cut-off)
2.6	Kanzakigawa Sta.
3.7	Hyogo-ken boundary

TABLE 118

## Bridges &amp; Overheads\*, Hanshin Express RR., Hanyu Line, Osaka-fu

Mileage from Umeda Station	Length & Type	Obstacle
*0.1		Beginning of masonry elevated structure. This structure has a span in it 0.6 mile from Umeda Station over spur from Tokaido Main Line. It also probably crosses a number of streets, but these crossings do not show
0.9		End of masonry elevated structure
1.0	Steel, 1700ft.	Shin-Yodo-gawa
*1.3	Short span	Street
*1.9	Short span	Street
*2.0	Short span	Street
*2.2	Short span	Street
2.7	Short span	Kanzaki-gawa
2.8	Short span	Stream
3.7	Short span	Ina-gawa Hyogo-ken Boundary

16. Nase Elec. RR.

Private electric line from Obe-mura in Hyogo-ken to Yoshikawa-mura in Osaka-fu.

Traffic estimates (1942): passengers hauled, 909,000; freight hauled, 1,288 tons.

Rolling stock (1942 estimates): 13 passenger cars, 3 freight cars.

TABLE 119

## Stations and Features, Nase Elec. RR, Osaka-fu

Mileage from Myoken Station	Stations and Features
0.0	Myoken Station, near Yoshikawa-mura northern terminal
1.2	Hyogo-ken Boundary, Osaka-fu

17. Shigisan Elec. RR.

Private electric railroad from Shigisan-mura in Nara-ken to Takayasuyama Station on Takayasuyama in Osaka-fu. The line extends only 0.1 mile into Osaka-fu and has one

station and no bridges or tunnels.

18. Daiki (Osaka) RR Sakurai Line.

Branch of Osaka RR system extending from Osaka south-east to Sakurai-machi, Nara-ken.

See Osaka RR, Main Line (1) above for data on traffic and rolling stock. The Sangu RR used the tracks of this railroad from Sakurai-machi to Osaka.

TABLE 120

Stations and Features, Daiki (Osaka) RR  
Sakurai Line, Osaka-fu

Mileage from Fuse Station (Osaka)

0.0	Fuse Station, Osaka on Daiki Rwy. Nara Line. Northern Terminal Double track.
0.1	Junction leaves Daiki Rwy. Nara Line
0.7	Fuse-shi
1.4	Fuse-shi
2.2	Mito Station
2.7	Kyuhojiguchi Station
3.2	Yao-machi
4.5	Yao-machi
4.6	Junction with Daiki (Osaka) RR, Takayasu Line to east
5.1	Takayasu Station
5.9	Onchi Station
6.8	Station
7.4	Station
7.9	Station
8.9	Kokubu Station
10.5	Nara-ken boundary

There is one short span overpass over Kansai Main Line at 8.5 miles from Fuse station and one tunnel 400 feet long at 10.4 miles from same station.

19. Kyohan Elec. RR., Senriyama Line.

Branch of Kyohan RR leading to Senriyama. See Kyohan RR, Shinkeihan Line (6) above for data on traffic and rolling stock. All stations except Awaji Station are in Suita-shi.

TABLE 121

Stations and Features, Kyohan RR,  
Senriyama Line, Osaka-fu

Mileage from Northern Terminal

0.0	Station, Northern terminal. Double track.
0.5	Station near Kansai Univ.
0.7	Kuwadanmae Station
1.1	Station
1.7	Nishi-Suita Station
1.9	Station
2.7	Station
3.1	Junction with Kyohan RR, Shinkeihan Line from the N.E.
3.2	Awaji Station, southern terminal on Shinkeihan Line

TABLE 122

Bridges and Overheads\*, Kyohan Elec. RR,  
Senriyama Line, Osaka-fu

Mileage from Northern Terminal	Length & Type	Obstacle
1.2	Short span	Road
2.3	Short span	Creek
2.4	Steel, 200 ft.	Ai-kawa
2.5	Short span	Kanzaki-gawa
2.5	Short span	Creek
*2.8	Short span	Road & creek

20. Shigi-Ikoma Elec. Line.

Private line from Hirakata-machi south to Risaichi, between Osaka and Kyoto.

TABLE 123

Stations and Features, Shigi-Ikoma Elec. Line, Osaka-fu

Mileage from Higashi-Guchi Station

0.0	Higashi-Guchi Station, Hirakata-machi. Northern terminal adjacent to station on Keihan RR. Single Track.
1.5	Station
2.1	Station

2.7 Katano Station  
4.2 Kisaichi Station, southern terminal

There are 2 short span over passes on the line, one 3.4 miles from Hirakata-machi over a road and one 3.6 miles over the Katamachi RR line. There are no tunnels.

21. Osaka RR, Nagano Line.

Branch of Osaka RR from Furuichi-machi to Nagano-machi, southeast of Osaka.

See Osaka RR, Main Line (1) above for data on traffic and rolling stock.

TABLE 124

Stations and Features, Osaka RR, Nagano Line, Osaka-fu

Mileage from Furuichi Station

0.0	Furuichi Station on Osaka RR, Main Line. Leaves Main Line at this Station. Northern Terminal. Single track.
2.0	Taishiguchikishi Station
2.4	Station
3.4	Tondabayashi Station
3.8	Tondabayashi-machi
4.4	Tsuzuyama Station
5.3	Takidanifudo Station
6.5	Shionomiya Station
7.5	Junction with Nankai RR, Koya Line, from north
7.7	Nagano Station, southern terminal, Nagano-machi.

There are 2 short span overheads, one at 1.1 miles from Furuichi-machi over a road and one at 6.8 miles over a prefectural highway. There are no tunnels on the line.

22. Hanshin Express RR, Minoo Line.

Branch of Hanshin Express RR extending from junction with Takarazuka Line (11) southeast of Ikeda-shi to Minoo-mura.

For traffic and rolling stock figures see Hanshin Express RR, Hankyu Line (15) above.

TABLE 125

Stations and Features, Hanshin Express RR, Minoo Line, Osaka-fu

Mileage from Minoo Station

0.0	Minoo Station, northern terminal, double track.
0.8	Station
1.4	Station
2.3	Station
2.4	Junction with Hanshin Express RR, Takarazuka Line. Southern terminal of line.

23. Daiki (Osaka) RR, Takayasu Line.

Branch of Osaka RR system extending from junction with Sakurai Line (22) in Yao-machi to station at foot of Takayasu-yama.

See Osaka RR Main Line (1) above for data on traffic and rolling stock.

TABLE 126

Stations and Features, Daiki (Osaka) RR, Takayasu Line, Osaka-fu

Mileage from Station in Yao-mura

0.0	Yao-machi, Western terminal, at Sta. on Sakurai Line. Double track.
0.1	Junction, leaves Sakurai Line
1.2	Hattorigawa Station
1.6	Shigisanguchi Station, eastern terminal

There is one short span bridge over Onchi-gawa at 0.4 mile from western terminal and one short span over pass over prefectural highway at 0.9 mile.

24. Cable Car RR.

Private cable car railroad to top of Takayasu-Sammyaku southeast of Osaka. The line is 0.7 mile long with western terminal at a station opposite Shigisanguchi Station on Takayasu Line (23) and with eastern terminal at a station adjacent to Takayasuyama Station on Shigisan Elec. RR.

25. Nankai RR, Hankai Line.

Branch of Nankai RR system from Ebisu Station in Osaka to Hamadera-koen, Sakai-shi.

Traffic estimates (1942): passengers hauled, 32, 508,000; freight hauled, no estimate.

Rolling stock (1942 estimates): 97 passenger cars, 2 freight cars.

Above figures include traffic and rolling stock on the Uwamachi Line (26) and Hirano Line (27) below.

TABLE 127

Stations and Features, Nankai RR, Hankai Line  
Osaka-fu

Mileage from Ebisu Station

0.0	Ebisu Station in southwestern Osaka. Northern Terminal. Double track. Also used by Hirano Line.
0.5	Imaike Station
0.6	Junction Nankai RR Hirano Line leaves this line; goes to east
1.1	Osaka-shi
1.5	Osaka-shi
1.9	Osaka-shi
2.1	Osaka-shi
2.8	Osaka-shi
3.1	Osaka-shi
3.4	Osaka-shi
3.6	Osaka-shi
4.2	Sakai-shi
4.4	Sakai-shi
4.6	Sakai-shi
5.1	Sakai-shi
5.6	Sakai-shi
6.1	Sakai-shi
6.6	Sakai-shi
7.3	Sakai-shi
7.7	Funao Station
8.4	Hamaderaekimae Sta. Southern Terminal of line in Hamadera-koen

TABLE 128

Bridges and Overheads\*, Nankai RR, Hankai-Line,  
Osaka-fu

Mileage from Ebisu Station	Length & Type	Obstacle
4.1	Short span	Stream
7.3	Short span	Ishizu-kawa
*8.1	Short span	Nankai RR Main Line

26. Nankai RR, Uwamachi Line.

Branch passenger line of Nankai RR from Tennoji Station to Sumiyoshi-koen in southern Osaka-shi.

See Nankai RR, Hankai Line (25) above for data on traffic and rolling stock

TABLE 129

Stations and Features, Nankai RR, Uwamachi Line  
Osaka-fu

Mileage from  
Tennoji Station

0.0	Tennoji Station, northern terminal in southwestern Osaka. Double track.
0.3	Station in Osaka
0.4	Grade crossing with Nankai RR Hirano Line
1.5	Satabatake Station
2.0	Station
2.4	Station. Grade crossing with Nankai RR, Koya Line
2.8	Grade Crossing Nankai RR, Hankai Line
2.9	Station adjacent to Sumiyoshi-koen Station on the Nankai RR Main Line. Southern terminal

There is one short span over pass over the Kansai Main Line at the northern terminal.

27. Nankai RR, Hirano Line.

Branch of Nankai RR system extending from Tennoji-ku to Hirano in Sumiyashi-ku, all within Osaka-shi.

Restricted

See Nankai RR, Hankai Line for data on traffic and rolling stock.

TABLE 130

Stations and Features, Nankai RR, Hirano Line, Osaka-fu

Mileage from Imaike Station

0.0	Imaike Station. Eastern terminal on Nankai RR, Hankai Line. Double Track.
0.1	Junction, Line leaves Nankai RR Hankai Line
0.7	Grade crossing with Nankai RR, Uwamachi Line.
1.0	Osaka
1.4	Osaka
1.6	Osaka
2.1	Osaka
2.7	Osaka
3.6	Station in Hirano eastern terminal

There is one short span bridge over a creek at 2.4 miles from Imaike Station. There are no tunnels on line.

28. Hankai Elec. RR.

Private electric passenger line from Osaka to Sakai-shi. Traffic estimates (1942): passengers hauled, 4,011,000.

Rolling stock (1942): 22 passenger cars.

TABLE 131

Stations and Features, Hankai Elec RR, Osaka-fu

Mileage from Northern Terminal

0.0	Station, Ashiharibashi. Northern terminal in Naniwa-ku, southwestern Osaka. Single track
1.0	Osaka
1.3	Osaka
2.0	Osaka
2.7	Kitakagaya Station
3.1	Osaka
3.4	Suminoekoen Station
4.3	Sakai-shi

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Restricted

Restricted

4.8	Sakai-shi
5.3	Sakai-shi
5.6	Sakai-shi, southern terminal

TABLE 132

Bridges and Overheads\*, Hankai Elec. RR, Osaka-fu

Mileage from Northern terminal	Length & Type	Obstacle
*1.1	Short span	Nankai RR Koya Line
3.2	Steel, 300 ft.	Sumiyoshi Canal
4.1	Steel, 600 ft.	Yamato-gawa Canal
5.3	300 ft.	

29. Gov't. Freight Line.

Freight line connecting Tokaido Main Line and Katamachi Line in northeastern Osaka.

TABLE 133

Stations and Features, Gov't. Freight Line, Osaka-fu

Mileage from Northern Terminal

0.0	Junction, line leaves Tokaido Main Line. Single track.
4.4	Junction, with connection 0.6 mile long leading to Joto Line (Elec.) to the west. 0.2 mile of this connection forms north leg of WYE
4.7	Junction with south leg of WYE 0.2 mile long from connection to west.
4.8	Junction with Katamachi Line from the west. Southern terminal.

TABLE 134

Bridges and Overheads\*, Gov't. Freight Line, Osaka-fu

Mileage from Northern Terminal	Length & Type	Obstacle
*0.3	400 ft.	Tokaido Main Line

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Restricted

Restricted

0.7	400 ft.	Ai-kawa
*1.0	Short span	Road
*1.1		Pref. Highway
1.1	Short span	Creek
*1.3	500 ft.	Senriyama Line & Shinkeihan Line
*1.4	Short span	Street
*1.7	Short span	Street
1.9	Steel, 1,700 ft.	Yodo-gawa
*2.3	Short span	Street
*2.4	Short span	Street
*2.6	Short span	Street
2.6	Short span	Creek
*2.7	Short span	Street
*2.8	Short span	Street
*3.0	Short span	Street
*3.2	Short span	Street
*3.4	Short span	Street
*3.6	Short span	Street
*3.7	Short span	Street
*3.9	Short span	Street
*3.9	Short span	Street
*4.0	Short span	Street
*4.2	300 ft.	Keihan Main Line
*4.4	Short span	Street
4.7	Short span	Neya-gawa

30. Nishinari Line.

Government line connecting Tokaido Main Line with waterfront in Osaka.

TABLE 135

Stations and Features, Nishinari Line, Osaka-fu

Mileage from Osaka Station	
0.0	Osaka Station, eastern terminal on Tokaido Main Line. Double track
0.5	Junction. Leaves Tokaido Main Line
0.7	Fukushima Station
1.6	Noda Station
1.7	Junction. Spur 0.7 miles long leading to south and east.
2.2	Nishi-Kujo Station
3.5	Junction. Spur 0.7 miles long leading south
3.7	Ajikawa-guchi Station. Beginning single track

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Restricted

Restricted

4.1	Junction. Spur 0.4 mile long leading to north
4.8	Sakurajima Station
5.2	Western terminal of line, on waterfront of Osaka

TABLE 136

Bridges and Overheads\*, Nishinari Line, Osaka-fu

Mileage from Osaka Station	Length & Type	Obstacle
0.0	Elevated structure on Tokaido Main Line	
0.6	Probable end of elevated structure	
2.6	300 ft. long Rokkenya-gawa	
*2.7	Short span	Street
4.3	Short span	Canal

31. Rinko Freight Line.

Government freight line connecting Kansai Main Line with waterfront.

TABLE 137

Stations and Features, Rinko Freight Line, Osaka-fu

Mileage from Imamiya Station	
0.0	Imamiya Station, eastern terminal in Osaka on Kansai Main Line. Single track leaves Kansai Main Line
2.8	Begin double track
3.3	End double track
3.4	Junction. Spur 0.4 mile long leading southwest to pier
3.8	Junction. Spur 0.4 mile long leading southwest to pier
5.0	Junction. Western terminal on pier at Yawataya-cho, Osaka

TABLE 138

Bridges and Overheads\*, Rinko Freight Line, Osaka-fu

Mileage from Imamiya Station	Length and Type	Obstacle
*0.1	Beginning of masonry elevated	

359

Restricted

Restricted

	structure carrying line through part of Osaka	
*0.5	Short span	Nankai RR Koya Line
0.9	Single span 91.44 meters double track, steel tonnage 827.575 angle 53°26'E 40. loading	
*1.1	Short span	Kizu-gawa Street and tram line
*1.2	End of elevated structure	
1.2	300 ft.	Shirinashi-gawa
1.4	Short span	Stream
*1.4	Short span	Street
2.3	Short span	Canal
2.6	Short span	Canal
3.3	Short span	Canal

32. Kyohan RR, Juso Line.

Branch of Kyohan RR connecting Shinkeihan Line with Hanshin Express RR at Juso Station in northern Osaka.

See Kyohan RR, Shinkeihan Line (7) above for data on traffic and rolling stock.

TABLE 139

Stations and Features, Kyohan RR, Juso Line, Osaka-fu

Mileage from Awaji Station	
0.0	Awaji Station. Eastern terminal on Keihan Main Line, also southern terminal of Kyohan Elec. RR, Senriyama Line. Double track north of Osaka
0.1	Junction, Juso Line leaves Keihan Elec RR
0.6	Sorasenshi Station
1.4	Station
2.4	Junction with Hanshin Exp. RR, Takarazuka Line from north
2.5	Junction with Hanshin Express RR Elec. from west
2.5	Juso Station, western terminal on Hanshin Exp. RR west of Osaka

33. Tokaido RR., Northern Freight Express Line.

Government freight cut off for Tokaido Main Line in northern Osaka.

Restricted

See Tokaido Main Line (3) above for data on traffic and rolling stock.

TABLE 140

Stations and Features, Tokaido RR, Northern Freight Express Line, Osaka-fu

Mileage from Eastern Terminal

0.0	Junction, eastern terminal at junction with Tokaido Main Line near Miyahara-cho, N. of Osaka. Double track leaves Tokaido Main Line
0.2	Junction, with spur 0.5 mile long, parallel to frt. line on S. side. On this spur, 0.1 mile from this jct., connecting track 0.3 mile long leads from Tokaido Main Line to south, also 0.2 mile from this jct. there is a cross over to frt line. Grade crossing with Hanshin Express Elec. RR
1.5	Junction. Line rejoins Tokaido Main Line leading from Osaka Station
2.7	

TABLE 141

Bridges and Overheads\*, Tokaido RR, Northern Freight Express Line, Osaka-fu

Mileage from Eastern Terminal	Length & Type	Obstacle
1.0	Short span	Stream
*1.1	Short span	Road
1.5	Short span	Stream
2.4	Short span	Stream
2.6	Short span	Stream

34. Joto Line (Elevated).

Government elevated electric line connecting Osaka and Tenoji Stations in Osaka-shi.

Traffic: cars run at intervals of 5 to 10 minutes between 5 A.M. and 1 A.M.



TABLE 142

Stations and Features, Joto Line Elevated  
Osaka-fu

Mileage from Osaka Station	Features
0.0	Osaka Station. Northern terminal. Double track. Station on Tokaido Main Line. Leaves Tokaido Main Line just east of Osaka Sta.
1.0	Temma Station
1.6	Sakuranomiya Station
2.5	Junction with two tracks each one mile long leading from small yard north. On these 2 tracks 0.2 mile north is a junction with connecting line to Tokaido Main Line and Katamachi Line
2.7	Kyobashi Station
3.7	Morinomiya Station
4.2	Kaniatsukuri Station
5.3	Momodani Station
6.6	Tennoji Station. Southern terminal on Kansai Main Line

TABLE 143

Bridges and Overheads\*, Joto Line Elevated  
Osaka-fu

Mileage from Osaka Station	Length & Type	Obstacle
1.1	Short span	Canal
1.4	Steel, 500 ft.	Dojima-gawa
*1.7	Short span	Street
*1.9	Short span	Street
*2.0	Short span	Street
*2.0	Short span	Street & car line
*2.3	Short span	Street
*2.4	Short span	Street
*2.5	Short span	Keihan Main Line
**2.5	**	**
2.6	Short span	Neya-gawa
2.7	Short span	Stream

\*\*On two tracks joining line at this point there are two short spans over streets.

35. Joto Freight Line (Elevated).

Government freight line connecting Kansai Main Line and Katamachi Lines at eastern outskirts of Osaka. The line leaves Kansai Main Line 0.6 mile east of Hirano Station and joins Katamachi Line 0.3 mile east of Hanaten Station. The line is 4.4 miles long, single track and is elevated throughout. There are no stations on the line.

TABLE 144

Bridges and Overheads\*, Joto Freight Line Elevated,  
Osaka-fu

Mileage from Hanaten Station	Length and Type	Obstacle
*1.7	Short span	Street
*1.9	Short span	Street
*2.0	Short span	Daiki (Osaka) RR, Nara Line
*2.2	Short span	Street
*2.3	Short span	Street
*2.4	Short span	Street
*2.5	Short span	Street
*2.6	Short span	Daiki (Osaka) RR Sakurai Line

36. Special Purpose Railroad in Kishiwada-shi.

This is a private narrow-gauge single-track line extending from a point on the coast near Kamori eastward 2.5 miles to a point near Omachi. It crosses the Nankai RR, Main Line on grade at 0.8 mile from western terminal.

37. Mizuma Elec. RR.

Private passenger line from Kishiwada-shi on the coast to southeast to Mizumi Station.

TABLE 145

Stations and Features, Mizuma Elec. RR, Osaka-fu

Mileage from Kaizuka Station	Features
0.0	Kaizuka Station, Kishiwada-shi, adjacent to Kaizuka Station on Nankai RR Main Line. Single track. Northern terminal
1.1	Station

1.7	Station
2.0	Nagose Station
2.7	Station
3.1	Station
3.5	Mizumi Station, southern terminal

38. Private RR, East of Osaka.

This railroad, for which no name is given, is a single-track line extending from Tsurumimachi, Matsuda-machi in the eastern suburbs of Osaka-shi, easterly 4.8 miles to a point near Naka-gaido, Shiyo-mura.

39. Tanagawa Line.

This line, recently constructed, extends from Namba Station in Osaka, southeast to Kishiwada-shi and Sano-machi. Trains run every 20 minutes for 23 hours each day.

40. Osaka Subway System.

In 1939, there were 4.5 miles of subway in operation between Umeda and Tennoji Stations in Osaka. There were 28 coaches in service. The lines were operated by the Keihan Electric Railway Co. Plans were being made to extend this to a total of 34.0 miles.

41. Osaka Street Railway System.

Osaka is provided with an extensive tram service directly managed by the municipality. In 1938 there were 66 miles of operating line with 796 cars.

## APPENDIX III

## ELECTRIC POWER FACILITIES

The following abbreviations are used in this appendix:

Technical terms

a	ampers
ac	alternating current
adv	advertisement
ave	average
Btu	British thermal unit
C	centigrade
cap	capacity
conn	connection
cont	continuous
cm	centimeter
cm <sup>2</sup>	square centimeter
cyc	cycles
dc	direct current
D-D	delta-delta (transformer connection)
D-Y	delta-Y (Transformer connection)
econ	economical
eff	effective
est	estimated
F	Fahrenheit
ft	feet
ft <sup>2</sup>	square feet
hp	horsepower
in	inch
inc	includes
in <sup>2</sup>	square inch
kg	kilogram
kg/cm <sup>2</sup>	kilograms per square centimeter
km	kilometer
kV	kilovolt
kva	kilovolt-ampere
kw	kilowatt
kwh	kilowatt-hour
lb	pound
lbs/in <sup>2</sup>	pounds per square inch
m	meter
m <sup>2</sup>	square meter
m <sup>3</sup>	cubic meter
m <sup>3</sup> /sec	cubic meters per second
max	maximum
max pk	maximum peak
min	minute

mini	minimum
no	number
opp	opposite
pf	power factor
ph	phase
qv	which see
reg	regular capacity
reg pk	regular peak
res	reserve, reserve capacity
rpm	revolutions per minute
sec	second
spec	special capacity
supp	supplement, supplementary capacity
t	ton
t/hr	tons per hour
v	volt
Y-Y	transformer connection
⊙	each
*	indicates that kw have been estimated from kva at 80 percent power factor

Non-Japanese trade names.

AC	Allis-Chalmers Mfg. Co.
AEG	Allgemeine Elektrizitäts-Gesellschaft
ASEA	Allmänna Svenska Elektriska Aktiebolag
B	Boving & Co., Ltd.
BBC	Brown, Boveri & Co., Ltd.
BTH	British Thomson-Houston Co., Ltd.
B & W	Babcock & Wilcox Co.
D	Dicker
EC	Erie City Boiler Co.
EE	English Electric Co., Ltd.
EW	Escher, Wyss Co.
G	Green Economizer Co.
GE	General Electric Co.
H	Heine
IPM	I.P. Morris Co.
MV	Metropolitan-Vickers Electrical Co., Ltd.
P	Pelton Steel Casting Co.
R	Russell
S	Shepardson
SB	Sulzer Brothers, Ltd.
SS	Siemens Schukert Werke A.G.
STAL	Svenska Turbin fabriks Aktiebolaget Ljungstrom
V	Voith
W	Westinghouse Electric & Mfg. Co.
WE	Western Electric Co.

A. GENERATING PLANTS  
(1000 kw and over capacities)

## AJIKAWA STEAM PLANT

Location: on north bank of Aji-kawa at 2-chome, Kita Ajikawakami-dori, Konohana-ku, Osaka-shi.  
 Installed capacity (in kw): 18,000 (see Date of Construction)  
 Date of construction: founded June 1910. In Dec. 1936, capacity was 10,000 kw. In Mar. 1940, new capacity of 8000 kw was being added. This extension is probably complete.  
 Details: particular capacities (in kw): 16,000 reg; 2,000 res.  
 Plant, external features: in 1936, of brick construction, 3 stories high with 8 closely packed chimneys in 2 rows. External features of addition are unknown.  
 Plant, equipment:  
 Fuel supply: - coal supplied by barges or freighters. Two conveyor belts on premises.  
 Feedwater: probably from Aji-kawa. Two water towers are located nearby.  
 Boilers: 19 (incl 3 res) ⊙ B&W-type, 160 lbs/in<sup>2</sup>, 5346 ft<sup>2</sup>, B&W-make. Additional boiler plant has been installed.  
 Turbines: 5 (incl 1 res) ⊙ 4500 hp, Parsons-type, W-make. At least 1 more has been added.  
 Generators: 5 (incl 1 res) ⊙ 3000 kva, 3-ph, 11,000 v, 1200 rpm, 60 cyc, W-make. At least 1 more has been added.  
 Other equipment: 5 condensers, 19 superheaters, 4 economizers, 18 chain-grate stokers. Equipment of similar types has been added.  
 Area served: Osaka-shi.

## AJIKAWA HICASHI STEAM PLANT

Location: on north bank of Aji-kawa at 17 of 2-chome, Kita Ajikawakami-dori, Konohana-ku, Osaka-shi.  
 Installed capacity (in kw): 18,000, as of Dec. 1936.  
 Date of Construction: completed Apr. 1913, and extension completed May, 1918; in operation Mar. 1940.  
 Details: Plant, external features: concrete and galvanized iron building, approximately 175 x 70 ft, with double hip roof, 1 concrete chimney and 2 other chimneys nearby.  
 Plant, equipment:  
 Fuel supply: 1 crane and 1 conveyor belt carry coal

from barges or freighters in Aji-kawa.

Feedwater: probably from Aji-kawa.

Boilers: 8 (incl 2 res) @ B&W-type, 250 lbs/in<sup>2</sup>, 6182 ft<sup>2</sup>, B&W-make. 14 (incl 4 res) @ B&W-type, 160 lb/in<sup>2</sup>, 5346 ft<sup>2</sup>, B&W-make.

Turbines: 1 @ 10,000 kw, Parsons-type, horizontal-shaft, Mitsubishi-make. 2 (incl 1 res) @ 4000 kw, Parsons-type, horizontal shaft. W-make.

Generators: 1 @ 12,500 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, Mitsubishi-make. 2 (incl 1 res) @ 5000 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, W-make.

Other equipment: 2 exciters @ 100 kw, 3 condensers, 1 open heater-type feedwater heater, 22 superheaters, 6 economizers, underfeed and chain-grate types of stokers.

Area served: Osaka-shi

#### FUKUSAKI STEAM PLANT

Location: on the right bank of the Shirinashi-kawa near its mouth in Osaka-wan in Kita Fukusaki Higashino-machi, Minato-ku, Osaka-shi.

Installed capacity (in kw): 40,000 as of Dec. 1936.

Date of construction: completed Sept. 1920; in operation Mar. 1940.

Details: Particular capacities (in kw): 34,500 reg; 5500 supp.

Plant, external features: a group of three-story buildings of reinforced concrete construction with hip roofs disposed in T-form, with 4 low stacks extending above roofs and 1 large stack detached from building.

Plant, equipment:

Fuel supply: unloaded from coal barges on the Shirinashi-kawa by coolies with baskets.

Feedwater: condensing water is taken from tidewater canal in front of plant while boiler feed is purchased from the city of Osaka.

Boilers: 10 @ vertical water-tube type, 265 lbs/in<sup>2</sup>, 7097 ft<sup>2</sup>, Erie City-make. 3 @ vertical water-tube type, 265 lbs/in<sup>2</sup>, 7280 ft<sup>2</sup>, Erie City-make. 1 @ vertical water-tube type, 265 lbs/in<sup>2</sup>, 8615 ft<sup>2</sup>, EW-make.

Turbines: 4 @ 16,750 hp, Curtis impulse-reaction type, horizontal-shaft, W-make.

Generators: 4 @ 12,500 kva (10,000 kw), 3-ph, 11,000 v, 1800 rpm, 60 cyc. W-make.

Other equipment: 13 furnaces @ 2039 ft<sup>3</sup>, chain-grate

underfeed-stoking, Riley-make; 1 furnace @ 11,467 ft<sup>3</sup>, pulverized coal firing, EW-make; 14 superheaters @ 631<sup>o</sup> F; 13 economizers @ 4915 ft<sup>2</sup>, Sturtevant-make; 1 economizer: 5700 ft<sup>2</sup>, Green-make; 1 motor-driven feedwater pump @ 900 gal/min, Worthington-make; 2 steam-driven pumps, Worthington-make; 4 condensers @ 16,000 ft<sup>2</sup>, W-make.

Area served: Osaka-shi, as of 1933.

#### HANATEN STEAM PLANT

Location: Hanaten-cho, Asahi-ku, Osaka-shi.

Installed capacity (in kw): \*2080, as of June 1928.

Date of construction: Unknown; in operation as early as Dec. 1926, and as recently as June, 1928. Supplies power to the Osaka City tramways.

Details: Particular capacities (in kw): 1000 reg; 680 spec.

Plant, equipment:

Boilers: 4 @ B&W-type, 160 lbs/in<sup>2</sup>, 4092 ft<sup>2</sup>, B&W-make.

Turbines: 2 @ 1600 hp, Curtis-type, GE-make

Generators: 2 @ 1300 kva, 3-ph, 1500 rpm, 25 cyc, GE-make.

Transformers: 2 @ 1000 kva, 3-ph, 3.5/13.2 kv, D-Y conn, water-cooled, 25 cyc, shell-type, GE-make.

#### KASHIHARA FACTORY DIESEL PLANT

Location: On the compound of the Kashihara spinning mill at 440, Ichimura-aza, Kashihara-machi.

Installed capacity (in kw): \*1080, as of 1933.

Fuel: Diesel oil.

Date of construction: completed in 1932; in operation in Mar. 1940.

Details: Plant, equipment:

Generators: 2 @ 675 kva, Fuji-make

#### KASUGADE NO. 1 STEAM PLANT

Location: At the junction of the Aji-kawa and the Rokukenya-gawa at 4-chome, Kita Ajikawa-dori, Rokuken-cho, Konohana-ku, Osaka-shi.

Installed capacity (in kw): #63,250, as of Jan. 1938.

Date of construction: completed Oct. 1917, with capacity of \*30,000 kw. Extension of \*13,200 kw added in 1934.

Further extension of \*20,000 kw completed in 1938; in operation Mar. 1940.

Details: particular capacities (in kw): 63,250 supp.  
 Plant, external features: triple rectangular building, of concrete and galvanized iron construction with hipped roofs and 7 concrete stacks in 1933. At least 2 stacks and additional buildings have been added since.  
 Plant, equipment:  
 Fuel supply: coal is unloaded from barges on the Aji-kawa.  
 Feedwater: probably the Aji-kawa.  
 Boilers: 24 @ B&W-type, 15.8 kg/cm<sup>2</sup>, 575 m<sup>2</sup>, B&W-make. At least 2 other boilers have been added since.  
 Turbines: 3 @ 13,400 hp, Parsons-type, Mitsubishi-make  
 1 @ 26,800 hp, horizontal-shaft, Hitachi-make  
 1 @ unknown cap. Dengyosha-make  
 Generators: 3 @ 12,500 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, Mitsubishi-make. 1 @ 24,000 kva, 3-ph, 11,000 v, 3600 rpm, 60 cyc, Hitachi-make. 1 @ 16,600 kva, 3-ph, 11,000 v, 3600 rpm, 60 cyc, Shibaura-make.  
 Other equipment: 3 condensers, 2 feedwater heaters @ open-heater type, 24 superheaters, 20 economizers, 3 underfeed stokers. It is believed that additional equipment of these types, but with pulverized coal firing, has been installed.  
 Area served: Osaka-shi, as of 1933.

## KASUGADE NO. 2 STEAM PLANT

Location: at the junction of the Aji-kawa and Rokenyagawa at 17, 3-chome, Kita Ajikawa-dori, Konohana-ku, Osaka-shi.  
 Installed capacity (in kw): 65,000, as of Jan. 1938.  
 Date of construction: completed Oct. 1922, with capacity of 40,000 kw. Extension of 25,000 kw completed at the end of 1937; in operation Mar. 1940.  
 Details: particular capacities (in kw): 65,000 supp.  
 Plant, external features: of concrete and galvanized iron construction, 3 stories high with hipped roof, 8 concrete chimneys and 2 short steel stacks in 1936. At least 1 building with at least 1 chimney was added in 1937.  
 Plant, equipment:  
 Fuel supply: unloaded by skip hoists from barges on the Aji-kawa.  
 Feedwater: probably Aji-kawa  
 Boilers: 32 @ B&W-type, 15.8 kg/cm<sup>2</sup>, 575 m<sup>2</sup>, B&W-make. Additional boiler equipment has been added.  
 Turbines: 2 @ 20,000 kw, Parsons-type, W-make;  
 1 @ 25,000 kw, Shibaura-make

Generators: 2 @ 25,000 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, W-make. 1 @ 30,000 kva, 3-ph, 11,000 v, 3600 rpm, 60 cyc, Shibaura-make.  
 Transformers: 3 @ 30,000 kva.  
 Other equipment: 2 exciters @ 300 kw; 2 belt conveyors; 2 open-heater-type feedwater heaters; 32 superheaters @ 2040 ft<sup>2</sup>; 6 underfeed stokers and 26 chain grate stokers; 32 economizers. Additional equipment of these types but with pulverized coal firing has been installed.  
 Area served: Osaka-shi.

## KEMA STEAM PLANT

Location: on the waterfront at 1 of 315, Tomofuchi-cho, Asahi-ku, Osaka-shi.  
 Installed capacity (in kw): 12,400, as of Dec. 1936.  
 Date of construction: completed Oct. 1922; in operation Mar. 1940.  
 Details: Plant, external features: of reinforced concrete, double rectangular structure, 3 stories high with peaked roof and 1 concrete chimney.  
 Plant, equipment:  
 Boilers: 6 (incl 1 res) @ H-type, 250 lbs/in<sup>2</sup>, 8061 ft<sup>2</sup>, Heine-make.  
 Turbines: 1 @ 12,000 kw, Parsons-type, horizontal-shaft, W-make.  
 Generators: 1 @ 12,500 kw, 3-ph, 11,000 v, 1800 rpm, 60 cyc, W-make  
 Transformers: 3 @ 5250 kva, 1-ph, 11/22 kv, D-D conn, water-cooled, shell-type, W-make.  
 Other equipment: 1 exciter @ 100 kw; 1 condenser; 6 superheaters; 6 chain-grate type stokers.  
 Area served: Osaka-shi.

## KEMA STEAM PLANT

Location: Johoku-cho, Higashinari-ku, Osaka-shi.  
 Installed capacity (in kw): \*4920, as of June 1928.  
 Date of construction: unknown; in operation as early as Dec. 1926, and as recently as June 1928, served Kyoto-Osaka electric railway in 1928.  
 Details: particular capacities (in kw): 2000 supp.  
 Plant, equipment:  
 Generators: 3 (incl 1 res) @ 1050 kva, 3-ph, 2300 v, 25 cyc, Mitsubishi make 2 (incl 1 res) @ 1500 kva, 3-ph, 2300 v, 25 cyc, S-make.

## KISHIWADA STEAM PLANT

Location: Minami-cho, Kishiwada-shi.  
 Installed capacity (in kw): 1000, as of Dec. 1926.

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Date of construction: unknown; in operation Dec. 1926; plant has probably been retired since.

Details: particular capacities (in kw): 1000 supp.

Plant, equipment:

Boilers: 1 @ B&W-type, 160 lbs/in<sup>2</sup>, 994<sup>1</sup>/<sub>2</sub> ft<sup>2</sup>, B&W-make. 1 @ unknown type, 180 lbs/in<sup>2</sup>.

Turbines: 1 @ 750 hp. 1 @ 750 hp, single tube-type, horizontal-shaft.

Generators: 1 @ 550 kva, 3-ph, 3500 v, 128 rpm, 60 cyc, SS-make. 1 @ 550 kva, 3-ph, 3300 v, 3600 rpm, 60 cyc, AEG-make.

#### KIZUGAWA STEAM PLANT

Location: 38, Shibaya-cho, Sumiyoshi-ku, Osaka-shi; on the left bank of the Kizu-gawa, just above the outlet to Osaka-wan.

Installed capacity (in kw): 63,000, as of July, 1938.

Date of construction: construction was begun Dec. 1926, and completed Oct. 1927; in operation Mar. 1940.

Details: plant, external features: of concrete construction, three-story rectangular structure with 4 concrete stacks 138 ft high equally spaced on roof. A number of other buildings are situated close by.

Plant, equipment:

Fuel supply: since 1938, when skip hoists and belt conveyors were installed, all coal is delivered from the Kizu-gawa. Ships of 3000 to 5000 tons are able to dock in front of the plant.

Feedwater: probably Kizu-gawa.

Boilers: 8 @ horizontal water-tube type, 375 lbs/in<sup>2</sup>, 366° C, 13,400 ft<sup>2</sup>, B&W-make

Turbines: 2 @ 44,000 hp, impulse-type, horizontal-shaft, GE-make. 2 @ unknown cap.

Generators: 2 @ 37,500 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, GE-make. 2 @ 2140 kva, 3-ph.

Transformers: 6 @ 12,500 kva, 1-ph, 12.5, 12,11.5, 10.5/46.5, 33.2 kv, D-Y conn, water cooled, 60 cyc, shell-type, Hitachi-make.

Other equipment: 2 exciters @ 400 kw cap; 2 condensers @ 38,700 ft<sup>2</sup> surface, EW-make; 6 feedwater heaters, incl 2 @ low pressure-type, 2 @ deaerator-type, and 2 @ high pressure-type; 8 superheaters; 4 under-feed-type stokers; 16 economizers @ 404 m<sup>2</sup>; 8 furnaces of which 4 @ pulverized coal firing were installed in 1938; 8 forced-draft fans and 16 induced-draft fans.

Area served: Osaka-shi.

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#### KUJO NO. 1 STEAM PLANT

Location: 796, 1-chome, Kujo Minami-dori, Minato-ku, Osaka-shi; believed to be on right bank of Shirinashi-kawa.

Installed capacity (in kw): 6000, as of June, 1928.

Date of construction: founded July, 1908; in operation Mar. 1940.

Details: Plant, equipment:

Boilers: 6 (incl 2 res) @ B&W-type, 160 lbs/in<sup>2</sup>, 4092 sq ft, B&W-make. 8 (incl 4 res) @ B&W-type, 160 lbs/in<sup>2</sup>, 4092 sq ft, B&W-make.

Turbines: 3 (incl 1 res) @ 1500 hp, Curtis-type, vertical-shaft, GE-make. 3 (incl 1 res) @ 3000 hp, Curtis-type, vertical-shaft, GE-make

Generators: 3 (incl 1 res) @ 1000 kva, 3-ph, 3450 v, 1500 rpm, GE-make. 3 (incl 1 res) @ 2000 kva, 3-ph, 3450 v, 750 rpm, GE-make.

In 1926 this plant generated power at 25 cyc frequency; it has since been changed and in Mar. 1940, operated @ 60 cyc frequency.

#### KUJO NO. 2 STEAM PLANT

Location: 761, 1-chome, Kujo Minami-dori, Minato-ku, Osaka-shi; believed to be located on the right bank of the Shirinashi-kawa.

Installed capacity (in kw): \*40,000 (see Date of construction).

Date of construction: completed in July, 1923, with installed capacity of \*20,000 kw and additional units of \*10,000 kw each were installed in April, 1927, and Mar. 1933. In Nov. 1935, license to increase capacity from 30,000 kw to 38,000 kw was issued, but it is not believed that this necessitated new equipment.

Details: Particular capacities (in kw): 23,000 reg; 15,000 res.

Plant, equipment:

Boilers: 20 @ B&W water-tube-type, 15.8 kg/cm<sup>2</sup>, 575 m<sup>2</sup>, 309° C, B&W-make.

Turbines: 3 @ 13,750 hp, Curtis-type, horizontal-shaft, GE-make. 1 @ 13,750 hp, impulse-type, horizontal-shaft, EE-make.

Generators: 3 @ 12,500 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, GE-make. 1 @ 12,500 kva, 3-ph, 11,000 v, 1800 rpm, 60 cyc, GE-make.

Other equipment: 4 exciters @ 2000 kw; 4 surface condensers: 40 chain-grate stokers; 8 economizers

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## OSAKA FACTORY STEAM PLANT

Location: Probably at 300, Shigino-cho, Asahi-ku, Osaka-shi.

Installed capacity (in kw): 3,000, as of Dec. 1928.

Date of construction: unknown; in operation Dec. 1928.

Supplies Osaka Factory of the Kanegafuchi Boseki KK.

## OSAKA FACTORY STEAM PLANT

Location: 2 of 1-chome, Minami Ongajima-cho, Taisho-ku, Osaka-shi.

Installed capacity (in kw): est 15,000, as of 1935.

Date of Construction: completed in 1928; two later extensions brought plant capacity to estimated 15,000 kw in 1935. Supplies Osaka Factory of Osaka Yogyo Cement KK.

Details: plant, external features: building adjacent to cement plant which has 9 concrete chimneys @ about 200 ft high, 9 low kilns with one-story building and adjacent chimney at one end of each kiln.

## Plant, equipment:

Fuel supply: uses waste gas from cement kilns

Boilers: 9 @ B&W-type, 15 ton/hr, 9000 ft<sup>2</sup>, 250 lbs/in<sup>2</sup>, 6500 F, B&W-make.

Turbines: 1 @ 5000-7000 kw, Ljungstrom-type, STAL-make.

2 @ 5000-7000 kw, Ljungstrom-type, Mitsubishi-mak.

Generators: 1 @ 5000-7000 kw, 3 ph.

2 @ 5000-7000 kw, 3-ph.

## SAKAI STEAM PLANT

Location: Ebishjima-machi, Sakai-shi, Osaka-fu.

Installed capacity (in kw): 5000, as of June 1928.

Date of construction: unknown; in operation as early as Dec. 1926, and as recently as June 1928.

Details: particular capacities (in kw): 5000 supp.

## Plant, equipment:

Boilers: 8 @ B&W-type, 105 lbs/in<sup>2</sup>, 28,106 ft<sup>2</sup>, B&W-make.

Turbines: 2 (res) @ 2200 hp, Curtis-type, GE-make.

2 (res) @ 1500 hp, Curtis-type, horizontal-shaft, AEG-make.

Generators: 2 (res) @ 1875 kva, 3-ph, 3450 v, 1500

rpm, 25 cyc, GE-make. 2 (res) @ 1250 kva, 3-ph, 375 v, 1500 rpm, 25 cyc, AEG-make.

Transformers: 6 (res) @ 500 kva, 3-ph, 22/3.45 kv,

D-D conn, water-cooled, 25 cyc, shell-type, Hitachi-make.

## SAKAINISHI STEAM PLANT

Location: 3 of 152, 5-chome, Azumabashi-dori, Ebisu-jima-machi, Sakai-shi.

Installed Capacity (in kw): \*33,500, as of 1933.

Date of construction: completed Nov. 1927; in operation Mar. 1940.

Details: Plant, external features: of concrete construction, 4 stories high with 2 chimneys.

## Plant, equipment:

Boilers: - 5 (incl 2 res) @ Garbe-type, 320 lbs/in<sup>2</sup>, 7200 C, 70,470 ft, SB-make

Turbines: 1 (res) @ 19,000 hp, Rateau impulse tandem-type, MV-make. 1 @ 11,000 hp, Ljungstrom-type, Osaka Tekkosho-make. 2 @ 11,000 hp, Ljungstrom-type, Mitsubishi-make.

Generators: 1 (res) @ 15,625 kva, 3-ph, 11,000 v, 3600 rpm, 60 cyc, MV-make. 1 @ 8750 kva, 3-ph, 11,000 v, 3600 rpm, 60 cyc, Hitachi-make. 2 @ 8750 kva, 3-ph, 11,000 v, 3600 rpm, 60 cyc, Mitsubishi-make.

Transformers: 1 @ 10,000 kva, 1-ph, 11/31.8 kv, D-Y conn, shell-type, Hitachi-make.

Other equipment: 1 exciter @ 50 kw, Hitachi-make, and 2 exciters @ 60 kw, Mitsubishi-make; 2 surface condensers; 1 closed-type of feedwater heater; 10 superheaters; chain-grate stokers; 15 economizers.

Area served: Osaka-fu and portions of Wakayama-ken.

## SHIBAJIMA STEAM PLANT

Location: Shibajima-cho, Higashiyodogawa-ku, Osaka-shi.

Installed capacity (in kw): est 14,700 (see Date of construction)

Date of construction: water purification plant completed Mar. 1914, and power plant is believed to have gone into operation shortly thereafter with a capacity of 8400 kw; an extension of 6300 kw was completed in 1938. Plant in operation in 1942. Serves the Osaka-shi Shibajima water purification plant.

## Details: plant, equipment:

Fuel supply: 1 belt conveyor and 1 coal hoist @ 20 tons/hr cap.

Boilers: 4 @ 81 m<sup>2</sup>. 12 @ 262 m<sup>2</sup>. Additional boilers now in operation.

Turbines: 4 @ 2100 kw. Additional turbines now in operation.

Generators: 4 @ 2100 kw, 3-ph, 60 cyc. Additional

generators now in operation.  
 Transformers: 3 @ 4000 kva, 3-ph.  
 Other equipment: 4 economizers and 4 blowers.

**TSUMORI FACTORY STEAM PLANT**

Location: Tsumori-cho, Nishinari-ku, Osaka-shi.  
 Installed capacity (in kw): 1500, as of 1929.  
 Date of construction: unknown; in operation 1929.  
 Serves the Tsumori Factory of the Osano Cement KK.  
 Details: plant, equipment:  
 Fuel supply: uses waste gas of cement kilns  
 Boilers: 2 @ Edgemoor water tube-type  
 Turbines: 1 @ 1500 kw, Ljungstrom-type, Mitsubishi-make.  
 Generators: 1 @ 1500 kw, 3-ph.

**YODOGAWA FACTORY STEAM PLANT**

Location: believed to be at 123, Tomofuchi-cho, Asahi-ku, Osaka-shi.  
 Installed capacity (in kw): est 2500 (see Date of construction).  
 Date of construction: unknown; 1 unit @ est 2500 kw installed in Dec. 1937; in operation Dec. 1938.  
 Details: Plant, equipment:  
 Turbines: 1 @ 2500 kw, Zoelly-type, Mitsubishi-make  
 Generators: 1 @ unknown cap, 60 cyc, Mitsubishi-make

**B. TRANSFORMER SUBSTATIONS  
 (10,000 kva capacity and over)**

Name	Location	Capacity	Transformer	Cycles	incoming	outgoing	Remarks
Abiko	Enriono-machi Higashi-ku Osaka-shi	75,000 kva as of 6/28	7 @ 10,000 kva 4 @ 5,000 kva 4 @ 300 kva	60	77, 70.3, 31.8, 22 21	22, 21, 11, 10, 3.6, 3.3, 3	Principal contact point between Daido Denryoku KK and Ufigawa Denki KK system. Receives power from Yao substations. Has 3 phase advancers @ 10,000 kva, 11 kv.
Bingomachi	Bingo-machi, Higashi-ku Osaka-shi	12,000 kva as of 6/28	9 @ 2000 kva	60	20, 10	3.45, 3.3, 3.15	
Chifune	Owada-cho, Nishiyodogawa-ku, Osaka-shi	12,000 kva as of 6/28	4 @ 2000 kva 3 @ 2000 kva	60	17.32, 16.48, 15.6, 14.73, 12.71.	22, 11	Secondary step-down station
Hashiba	Sango-machi Kitakawachi-gun	18,000 kva as of 6/28	4 @ 6000 kva	60	31.8	11, 10.45, 9.9	



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Name	Location	Capacity	Transformer	Cycles	Voltage (in kv)		Remarks
					incom- ing	outgo- ing	
Himejima	Himejima-cho, Nishiyodo- gawa-ku, Osaka-shi	10,000 kva as of 6/28	3 @ 4000 kva 3 @ 1250 kva	60	22, 21.5 20	3.5, 3.4	Transforms power for Osaka-Kobe electric railways
Hyakusai	Kozen-cho, Sumiyoshi-ku, Osaka-shi	18,000 kva as of 6/28	4 @ 6000 kva	60	31.8	11, 10.45, 9.9	
Imasato	Imasato-cho, Higashinari- ku, Osaka-shi.	22,500 kva as of 6/28	6 @ 4500 kva	60	22, 20	11, 10.5	
Ishizugawa	Kamiishi, Sakai-shi.	10,500 kva as of 6/28	4 @ 1500 kva 4 @ 2000 kva	60	55, 52, 31.75	23, 22, 11.5, 11, 3.45, 3.3, 3.15	
Kamiishi	Kamiishi, Sakai-shi.	15,000 kva as of 6/28	8 @ 2000 kva 4 @ 1000 kva	60	28.85	22, 21 20, 3.6, 3.45, 3.3, 3.15, 3	
Kanzakigawa	Mikuni Hon- machi, Higa- shiyodogawa- ku, Osaka-shi	84,000 kva as of 6/28	18 @ 2000 kva 4 @ 8000 kva 9 @ 10,000 kva	60	55, 52.5 50, 48, 47.5, 27.7	77, 73.5, 70, 23.5, 22.9, 22.4, 21.8, 21.3, 10.9	

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Name	Location	Capacity	Transformer	Cycles	Voltage (in kv)		Remarks
					incom- ing	outgo- ing	
Kema	Higashinari- ku, Osaka- shi.	12,600 kva as of 6/28	7 @ 2000 kva 3 @ 200 kva	60	17.32, 16.48, 15.6, 14.73, 12.7, 11, 10.5, 10, 9.5, 9	22, 11, 3.3	Tertiary step- down station
Kishiwada	Minamikamori- mura, Izunami- gun.	19,500 kva as of 6/28	4 @ 5000 kva 3 @ 1500 kva	60	57.5, 47.44, 10, 11	22, 11, 3.6, 3.3, 3.	
Kizugawa	Minamionga- jima-cho, Taisho-ku, Osaka-shi.	10,000 kva as of 6/28	4 @ 3333 kva	60	17.32, 16.48, 15.6, 14.72	22, 11	
Mikuni	Mikuni Hon- machi, Higa- shiyodogawa- ku, Osaka-shi	12,000 kva as of 6/28	7 @ 2000 kva	60	44	11	
Moriguchi	Moriguchi- machi, Kita- kawachi-gun.	14,500 kva as of 6/28	7 @ 2000 kva 2 @ 2500 kva	60	30.3 28.85, 27.4, 22, 21, 20	22, 3.3	Transforms power for Kyoto-Osaka electric railways

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Data in table

Name	Location	Capacity	Transformer	Cy- cles	Voltage (in kv)		Remarks
					incom- ing	outgo- ing	
Nagasone	Sakai-shi	18,000 kva as of 6/28	6 @ 3000 kva 3 @ 3000 kva 2 @ 1050 kva	60	59, 31.8 30.2 30	53, 22, 21, 11 10.5	Terminus for lines from Nara and Wakayama prefectures. Tied in directly with Neyagawa sub-station.
Naniwa	Nishiseki-dani-cho, Naniwa-ku, Osaka-shi	12,000 kva as of 6/28	9 @ 2000 kva	60	22.11	3.45, 3.3, 3.15	
Neyagawa	15 mi. from Osaka water- front, near Godo-gawa, Neyagawa-machi, Kitakawachi-gun	30,000 kva as of 1932		60		55	Receives power from Ujigawa Denki KK network Uji Shizugawa and Omine Hydro Plant and Kitazugawa Steam Plant and sends to Kyogo, Kobe and Osaka
Noe	Noe-machi, Asahi-ku, Osaka-shi	36,900 kva as of 6/28	18 @ 1700 kva 6 @ 2100 kva	60	29	11	Tied by transmission to Neyagawa sub-station

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Name	Location	Capacity	Transformer	Cy- cles	Voltage (in kv)		Remarks
					incom- ing	outgo- ing	
Ohiraki-machi	Ohiraki-machi, Konohana-ku, Osaka-shi	12,000 kva as of 6/28	9 @ 2000 kva	60	22, 11	3.45, 3.3, 3.15	
Okebe (Ikebe)	Okebe, Fuse-shi.	63,000 kva	7 @ 10,000 kva	60	77, 70.3, 31.8, 22, 21, 11	22, 21, 11, 10.5, 3.5, 3.3	Has 1 phase advancer @ 10,000 kva, 11 kv.
Osaka No. 1	Ozone-mura, Toyono-gun	160,000 kva as of 1935	18 @ 13,333 kva	60	154, 77	77, 11	Receives power from double-frequency hydro plants in Toyama and Gifu, and from steam plants in Amagasaki. Has phase advancer capacity of 100,000 kva
Osaka # 2	Furubashi- aza, Kadoma- machi, Kitaka- wachi-gun.	262,800 kva as of 8/38	4 @ 20,000 kva 18 @ 9400 kva 1 @ 2500 kva 1 @ 825 kva additional equipment has been added	60	154, 81, 140	81, 55, 11	Largest step-down sub-station in Japan Proper in 1938. Receives power via 154 kv Osaka No. 2

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Name	Location	Capacity	Transformer	Cy- cles	Voltage (in kv)		Remarks
					incom- ing	outgo- ing	
							Transmission Line from hydro plants along Kiso- gawa and from all Kasugade, Ajikawa and Amagasaki Steam Plants. Has 1 phase advancer @ 30,000 kva, 11 kv and 6 phase ad- vancers @ 15,000 kva , 11 kv.
Sakai #1	Mukai-cho Sakai-shi	12,000 kva as of 6/28	4 @ 4000 kva	60	21, 20.5	11.8, 11.2, 10.65	
Sakai #2	Asakayama-cho Sakai-shi.	20,000 kva as of 6/28	4 @ 3333 kva 4 @ 3333 kva 4 @ 100 kva	60	17.32, 16.48, 16.45, 15.59, 14.72, 12.7, 11.56, 11, 10.5, 10, 9.5	22, 11, 3.3	Secondary step-down station

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Name	Location	Capacity	Transformer	Cy- cles	Voltage (in kv)		Remarks
					incom- ing	outgo- ing	
Senjitsuzen	Senjitzuzen, Dotonbori, Nishi-ku, Osaka-shi.	18,000 kva as of 5/35	5 @ 6000 kva		22	3.15	Tertiary step-down station
Shikizu	Shibatani- cho, Sumi- yoshi-ku, Osaka-shi	20,000 kva as of 6/28	4 @ 2000 kva 3 @ 7000 kva	60	22, 21, 20, 11, 10.5, 10	11.5, 11, 10.5, 3.45, 3.3	1 phase advancer @ 3000 kva, 3.45 kv
Shin Yodo- gawa	Himajima-cho, Nishiyodo- gawa-ku, Osaka-shi.	64,000 kva as of 1933	6 @ 18,000 kva. 4 @ 3333 kva	60	Probably 55	22, 11, 3.3	
Takatsuki	Takatsuki- shi.	15,750 kva (as of 6/28)	4 @ 4000 kva 3 @ 1250 kva	60	52.5, 51.5, 50.5, 49.5, 22, 21, 20	22, 11, 3.3	Sends power to Kyoto- Osaka electric railways
Tatsumi	Tatsumi-mura Nakakawachi- gun	62,000 kva as of 6/28	7 @ 10,000 kva 4 @ 500 kva	60	77, 31.8 24, 22, 21, 10.5	24, 11, 10.5, 10, 3.6, 3.3, 3	Has 2 phase advancers @ 10,000 kva, 11 kv
Urae	Urae-machi, Nishiyodogawa-as ku, Osaka-shi	18,000 kva as of 6/28	4 @ 6000 kva	60	22	11.5, 11 10.5	

Restricted

Restricted

Name	Location	Capacity	Transformer	Cy- cles	incoming	outgoing	Voltage (in kv)	Remarks
Yao No. 1	Yao-machi, Nakakawa- chi-gun, Osaka-fu; immediately adjacent to Yao No. 2	132,000 kva as of 1935	9 @ 22,000 kva	60	154, 81	81, 11.5	Receives via 154 kv Osaka No.1 Transmission Line from Kiso-gawa hydro plants	
Yao No. 2	Yao-machi, Nakakawa- chi-gun; immediately adjacent to Yao No. 1	132,000 kva as of 1935	6 @ 22,000	60	154, 81	81, 11.5	Has 1 phase advancer @ 30,000 kva, 11 kv. Re- ceives via 154 kv Osaka No. 1 Trans- mission Line from Kiso- gawa hydro plants	
Yoshimi	Tajiri-mura, Izunami-gun	12,000 kva as of 6/28	2 @ 1050 kva 4 @ 1000 kva 8 @ 2000 kva	60	28.85, 28.5	22, 21, 20, 3.6, 3.45, 3.15, 3.5, 1.45, .447		

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APPENDIX IV.  
Place Names and Locations.

	<u>Lat. N.</u>	<u>Long. E.</u>
<u>SHI</u>		
Fuse	34.39	135.35
Ikeda	34.50	135.25
Izumiotu	34.30	135.23
Kaizuka	34.37	135.27
Kishiwada	34.28	135.23
Osaka	34.40	135.30
Abeno-ku		
Asahi-ku		
Fukushima-ku		
Higashi-ku		
Higashinari-ku		
Higashisumiyoshi-ku		
Higashiyodogawa-ku		
Ikuno-ku		
Joto-ku		
Kita-ku		
Konohana-ku		
Minami-ku		
Minato-ku		
Naniwa-ku		
Nishi-ku		
Nishinari-ku		
Nishiyodogawa-ku		
Oyodo-ku		
Sumiyoshi-ku		
Taisho-ku		
Tennoji-ku		
Toshima-ku		
Sakai	34.35	135.29
Suita	34.46	135.32
Takatsuki	34.51	135.37
Toyonaka	34.47	135.28
<u>MACHI</u>		
	<u>Gun No.*</u>	<u>Lat. N.</u>
Fujiidera	4.	34.34
Fuke	2.	34.19
Fukuizumi	1.	34.30
Furuichi	4.	34.33
Fuse	6.	(See note 4.)
Hamadera	1.	(See note 1.)
Haruki	2.	(See note 2.)
Hirakata	3.	34.48
Hiraoka	6.	34.40
Ibaraki	5.	34.49
		135.37
		135.09
		135.30
		135.38
		135.39
		135.40
		135.36

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