

Reuse indicators for KB images in Wikipedia and Wikimedia Commons, the 2023 update

Olaf Janssen, 24 January 2024

A year ago I wrote an extensive article about three related indicators that showed [the reuse and public reach of KB collection images via Wikipedia](#) in a historical perspective (2013-2022). This article showed that Wikipedia is a very

effective way to make images from our (heritage) collections visible all over the world. It also showed that over the years our collection images have gained steadily growing global audiences.

KB } national library
of the netherlands

Three reuse indicators for KB images, 2023

At the beginning of January 2024, I measured these three indicators again, this time covering the year 2023. These are:



1. The number of KB collection images on Wikimedia Commons
2. The number of unique Wikipedia articles that use those KB collection images
3. The number of requests for those Wikipedia articles per month.

In this article I share the results and insights from these measurements.

1) The number of KB collection images on Wikimedia Commons

At the beginning of January 2024, there were [30,626 images](#) available in the [KB Commons media repository](#). This means that 3,330 KB files were added in 2023. This is an increase of 12.1% [compared to last year](#). This can be partially explained by the addition of all pages of the [first 4 volumes of the Flora Batava](#) to Commons. See [these notes](#) for more details.



The table below shows the historical growth. See [this page](#) for a more detailed explanation of these historical figures.

Datum meting	Aantal KB-gerelateerde media-bestanden op Commons (= KPI 2)	Groei t.o.v. vorige meting	Groei in %	Details
01-09-2013	500	-	-	Schatting
01-10-2013	775	275	55%	Details
24-03-2014	1.286	511	66%	Details
03-10-2014	2.645	1.359	106%	Details
27-12-2016	6.260 (*)	3.615	137%	Details
14-12-2017	12.044 (*)	5.784	92%	Details
12-02-2020	15.192	3.148	26%	Details
18-12-2020	25.779	10.587	70%	Details
02-02-2022	25.306	-473	-1,8%	Details
20-12-2022	27.296	1.990	7,8%	Details
10-01-2024	30.626	3.330	12,1%	Details

Translation of column headers:

1. Datum meting = Date of measurement
2. Aantal KB-gerelateerde media-bestanden op Commons = Number of KB related media files on Wikimedia Commons (=this KPI)
3. Groei t.o.v. vorige meting = Growth compared to previous measurement (absolute numbers)
4. Groei in % = Growth in %

2) The number of unique Wikipedia articles using those KB images

Wikipedia's content creators use our images to illustrate articles. At the beginning of January 2024, I [measured](#) the number of unique Wikipedia articles (in all language versions) that use our images:

- of the 30,626 available KB collection images (see above)
- a total of 1,872 unique images were used 6,615 times (6.1% reuse)
- in 5,135 unique WP articles (= this KPI)
- in 145 language versions, lead by the English version (1,125 articles), followed by the Dutch (708), French (366), German and Russian Wikipedias.

See [this page](#) for a further analysis of these figures.

If you want to know *exactly* which Wikipedia articles and which language versions our KB images are used in, you can [view this full overview](#). Did you know, for example, that an image of the [Fort on Goeree](#) from the [Atlas of Mutual Heritage](#) illustrates the article about [Senegal](#) in [ChiTumbuka](#)?



KB

5,135 Wikipedia articles in 145 languages in which images from [Category:Media contributed by Koninklijke Bibliotheek](#) are used, grouped by language

This overview is based on [this XML output](#) of the [GLAMorous tool](#) d.d. 10-01-2024. It was generated using the [GLAMorousToHTML](#) Python script. Also see the [documentation of this tool](#).

English (1,125)

['s-Heer Hendrikskinderen](#) -- [1323–1328 Flemish revolt](#) -- [1340s](#) -- [1453 in France](#) -- [1606](#) -- [1624](#) -- [16th century](#) -- [17th century](#) -- [1898 Trilj earthquake](#) -- [18th-century history of Germany](#) -- [1925 Chilean coup d'état](#) -- [1954 Paraguayan coup d'état](#) -- [1960 in Cyprus](#) -- [1961 in Cyprus](#) -- [1962 in Cyprus](#) -- [1963 in Cyprus](#) -- [1964 in Cyprus](#) -- [1965 in Cyprus](#) -- [1966 in Cyprus](#) -- [1967 in Cyprus](#) -- [1968 in Cyprus](#) -- [1969 in Cyprus](#) -- [1970 in Cyprus](#) -- [1971 in Cyprus](#) -- [1972 in Cyprus](#) -- [1973 Chilean coup d'état](#) -- [1973 in Cyprus](#) -- [1974 in Cyprus](#) -- [1975 in Cyprus](#) -- [1976 in Cyprus](#) -- [1977 in Cyprus](#) -- [1978 in Cyprus](#) -- [1979 in Cyprus](#) -- [1980 in Cyprus](#) -- [1989 Paraguayan coup d'état](#) -- [1991 in Cyprus](#) -- [1st Saeima -- 20-N](#) -- [2nd Saeima](#) -- [3rd Saeima](#) -- [4th Saeima](#) -- [576](#) -- [A People's History of Scotland](#) -- [Abraham Goos](#) -- [Acehnese–Portuguese conflicts](#) -- [Aepeia \(Cyprus\)](#) -- [Age of Liberty](#) -- [Al-Andalus](#) -- [Alashiya](#) -- [Alfonso V of Aragon](#) -- [Alfonso XI of Castile](#) -- [Allied-occupied Germany](#) -- [Amoene van Haersolte](#) -- [Ancient Portugal](#) -- [Ancient history of Cyprus](#) -- [Andriamangarira](#) -- [Andries Bicker](#) -- [Angke River](#) -- [Anglo-Normans](#) -- [Anglo-Portuguese Alliance](#) -- [Anseriformes](#) -- [Antoine I de Croÿ](#) -- [Antwerp](#) -- [Aphrodisium \(Cyprus\)](#) -- [Apollinaris of Clermont](#) -- [Archaeology by country](#) -- [Archaeology of Anglo-Saxon England](#) -- [Archaeology of Wales](#) -- [Archbishopric of Riga](#) -- [Arend Fokke Simonsz](#) -- [Arnemuiden](#) --

The table below shows the historical growth of this indicator. See [this page](#) for a more detailed explanation of these historical figures.

Datum meting	Aantal unieke Wikipedia-artikelen waarin KB-mediabestanden opgenomen zijn = KPI 4	Aantal taalversies van Wikipedia waarin KB-mediabestanden opgenomen zijn	Aantal hergebruikte KB-mediabestanden in al die taalversies van Wikipedia	Totaal aantal KB-mediabestanden op Wikimedia Commons, zie KPI2	Percentage hergebruik van KB-mediabestanden in Wikipedia	Details
01-09-2013	-	-	300	500	60%	Schatting
01-10-2013	1.153	77	311	775	40%	Details
26-03-2014	1.336	78	356	1.286	28%	Details
03-10-2014	1.498	-	405	2.645	15%	Details
27-12-2016 *	2.114 (914+1.200)	81	664 (451+195)	6.581 (6.260+321)	10%	Details
14-12-2017 *	2.567 (1.276+1.291)	83	829 (631+198)	12.379 (12.044+335)	6,6%	Details
12-02-2020	3.883	113	1.157	15.192	7,6%	Details
16-02-2022	4.308	131	1.651	25.306	6,5%	Details
20-12-2022	4.607	136	1.737	27.296	6,36%	Details
10-01-2024	5.135	145	1.872	30.626	6,1%	Details

Translation of column headers:

1. Datum meting = Date of measurement
2. Aantal unieke Wikipedia-artikelen waarin KB-mediabestanden opgenomen zijn = Number of unique Wikipedia articles that include KB media files (=this KPI)
3. Aantal taalversies van Wikipedia waarin KB-mediabestanden opgenomen zijn = Number of language versions of Wikipedia that

contain KB media files

4. Aantal hergebruikte KB-mediabestanden in al die taalversies van Wikipedia = Number of reused KB media files in all those language versions of Wikipedia

5. Totaal aantal KB-mediabestanden op Wikimedia Commons, zie KPI2 = Total number of KB media files on Wikimedia Commons (see *first KPI above*)

6. Percentage hergebruik van KB-mediabestanden in Wikipedia = Percentage of reuse of KB media files in Wikipedia

3) The number of requests for those Wikipedia articles per month

Very nice, all those Wikipedia articles with KB images, but if they are never requested, then our images will never be seen. Fortunately, this is not the case: in the period [November 2022 to December 2023](#) (i.e. 14 months), there have been an average of 12.9 million such page requests every month, as the table below ([source](#)) shows.

For (the 12 months of) the year 2023, this results (by interpolation) to 153 million requests. If we compare this number to the [123 million requests in 2022](#), this means a growth of 24%. See [this page](#) for a more detailed explanation of the historical development of this KPI.

Datum meting	Meetperiode in maanden	Totaal aantal opvragingen van Wiki-pagina's met KB-beelden in deze periode	Gemiddeld aantal opvragingen per maand in deze periode (= KPI 8)	Groei t.o.v. vorige meting in %	Details
19-02-2020	24	164M	6.8M	107%	Details
17-02-2022	24	207M	8.6M	26%	Details
20-12-2022	10	103M	10.3M	18%	Details
10-01-2024	14	180M	12.9M	24%	Details

Translation of column headers:

1. Datum meting = Date of measurement
2. Meetperiode in maanden = Measurement period in months
3. Totaal aantal opvragingen van Wiki-pagina's met KB-beelden in deze periode = Total number of requests of Wiki pages containing KB images during this period
4. Gemiddeld aantal opvragingen per maand in deze periode = Average number of page requests per month in this period (= *this KPI*)
5. Groei t.o.v. vorige meting in % = Percentage growth compared to the previous measurement

More details and data

More extensive analyzes and all underlying data from this article can be found on the KB project pages on the Dutch Wikipedia:

- KPI 2: [The number of KB collection images on Wikimedia Commons](#)
- KPI 4: [The number of unique Wikipedia articles that use those KB collection images](#)
- KPI 8: [The number of requests for those Wikipedia articles per month](#)

About the author



Olaf Janssen is the Wikimedia coordinator of the KB, the national library of the Netherlands. He contributes to [Wikipedia](#), [Wikimedia Commons](#) and [Wikidata](#) as [User:OlafJanssen](#)

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