Contributors metrics

2017-08-02

Executive Summary

Edits are slowly rising

- Total monthly non-bot edits across all Wikimedia wikis are now at about **18 million**.

- This has been growing at roughly **2.0%** year on year, almost all of which is on Wikidata.

- There are also a lot of bot-made edits – around **20 million**, about half of all edits.

- Wikidata now gets third of all edits, more than any other project; most are by bots or via tools.

- **Growth of mobile edits has slowed** in 2017 after years of dramatic growth; unclear if temporary.

- We don't yet have an edit value measure; vandalism and a from-scratch great article count the same.

Editors are generally flat

- Active editors and its components remain essentially flat over the long term, at **81,000** accounts.

- New active editors is stable at about **18,000** accounts, of whom a quarter return in their next month.

- Highly active editors (100+ content edits a month) is stable at around 14,000 accounts.

- Logged-out users make roughly 10% of non-bot edits, but it's twice that on the English Wikipedia.

- We don't yet have a good measure of logged-out users; an individual and a school count the same.

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Caveats

Some things to know

- All data is monthly, taken from the editor month dataset; dashboarding from data lake is planned.

- Data is raw, not normalised into 30-day months, so there is some variation due to month length.

- An account is classed as a bot if it has a bot flag on any wiki, or if it meets Analytics' bot name regex.

- Edits from one wiki imported into another will be counted twice, and sometimes dated wrongly.

Total edits (human & bot)

Total edits
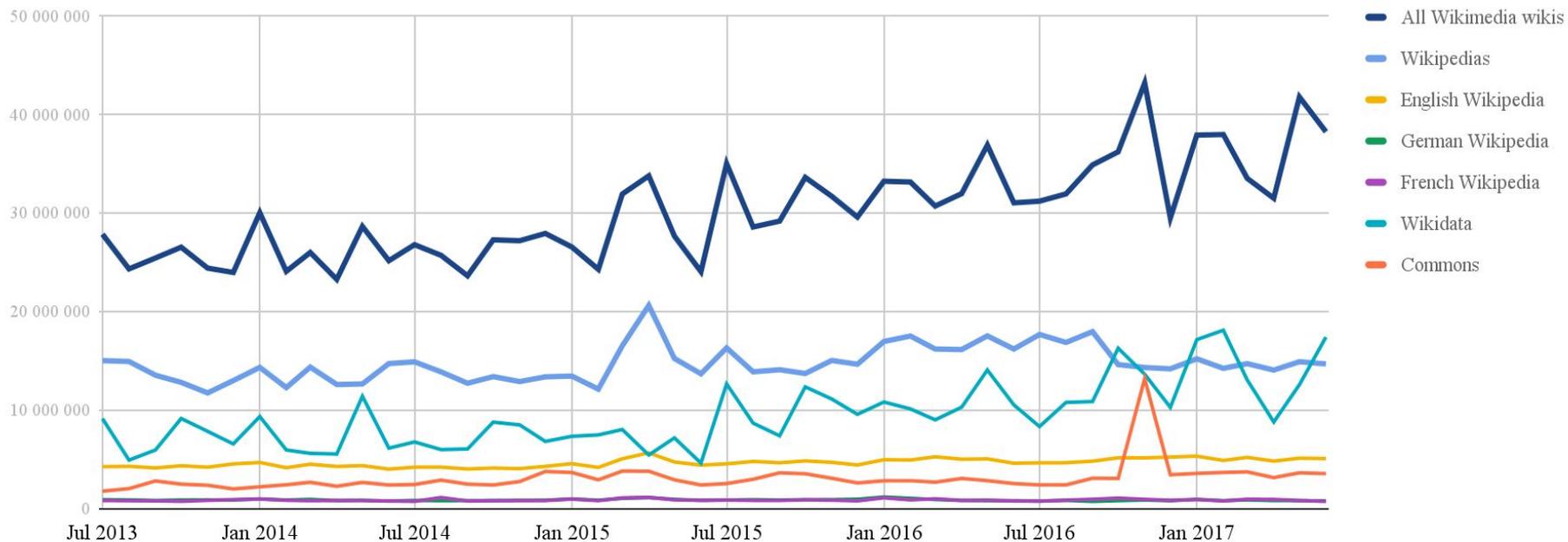
Total edits (human & bot)

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	31.1 M	33.5 M	38.3 M	37.2 M	-8.4%	+23.2%
Wikipedias	16.2 M	14.8 M	14.7 M	14.6 M	-1.5%	-9.3%
English Wikipedia	4.6 M	5.2 M	5.1 M	5.0 M	-0.8%	+10.2%
German Wikipedia	0.85 M	0.93 M	0.83 M	0.85 M	-2.6%	-2.8%
French Wikipedia	0.82 M	1.0 M	0.77 M	0.87 M	-11.2%	-5.7%
Wikidata	10.6 M	13.1 M	17.4 M	13.0 M	+33.3%	+65.1%
Commons	2.6 M	3.8 M	3.6 M	3.5 M	-2.1%	+39.1%

Non-bot edits

Non-bot edits

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons

X-axis: Jul 2013, Jan 2014, Jul 2014, Jan 2015, Jul 2015, Jan 2016, Jul 2016, Jan 2017

Y-axis: 0, 5 000 000, 10 000 000, 15 000 000, 20 000 000, 25 000 000
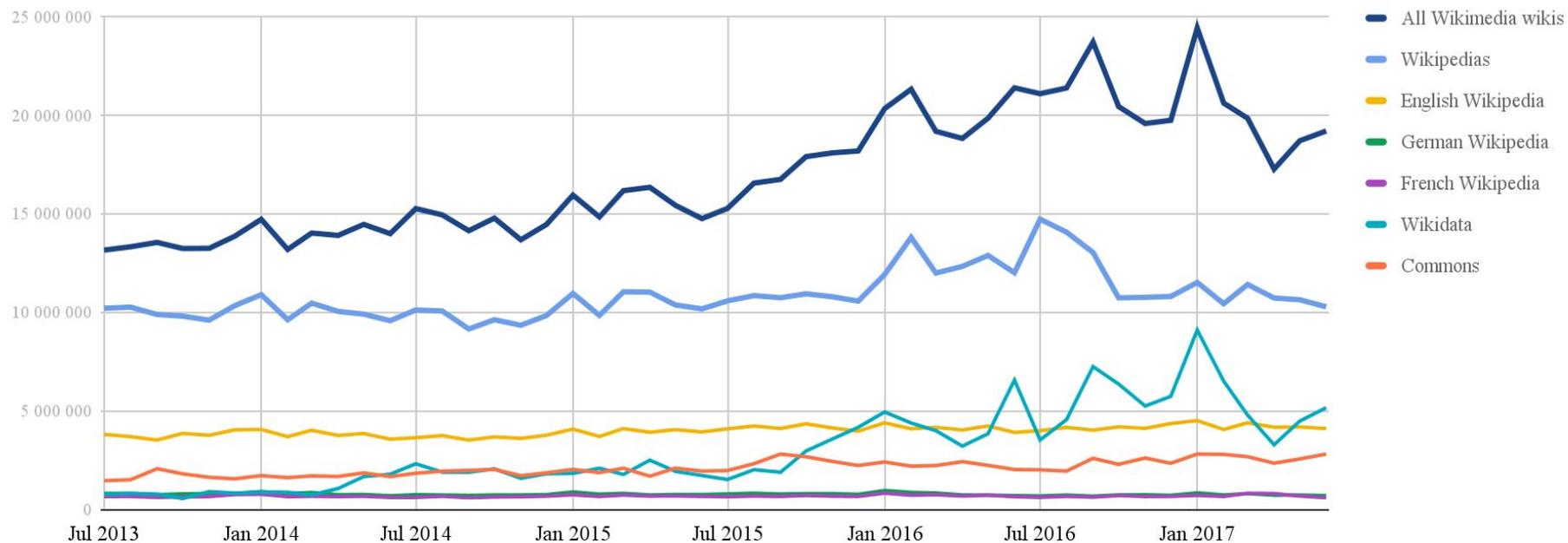
Standard metric

Non-bot edits

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	21.4 M	19.8 M	18.9 M	18.2 M	+1.6%	-11.5%
Wikipedias	12.0 M	11.4 M	10.3 M	10.5 M	-3.6%	-14.6%
English Wikipedia	3.9 M	4.4 M	4.1 M	4.2 M	-1.9%	+5.0%
German Wikipedia	0.73 M	0.83 M	0.73 M	0.75 M	-3.3%	+0.11%
French Wikipedia	0.68 M	0.85 M	0.63 M	0.73 M	-11.6%	-7.6%
Wikidata	6.6 M	4.8 M	5.2 M	4.3 M	+15.1%	-21.3%
Commons	2.1 M	2.7 M	2.8 M	2.6 M	+9.7%	+38.4%

Bot edits

Bot edits

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
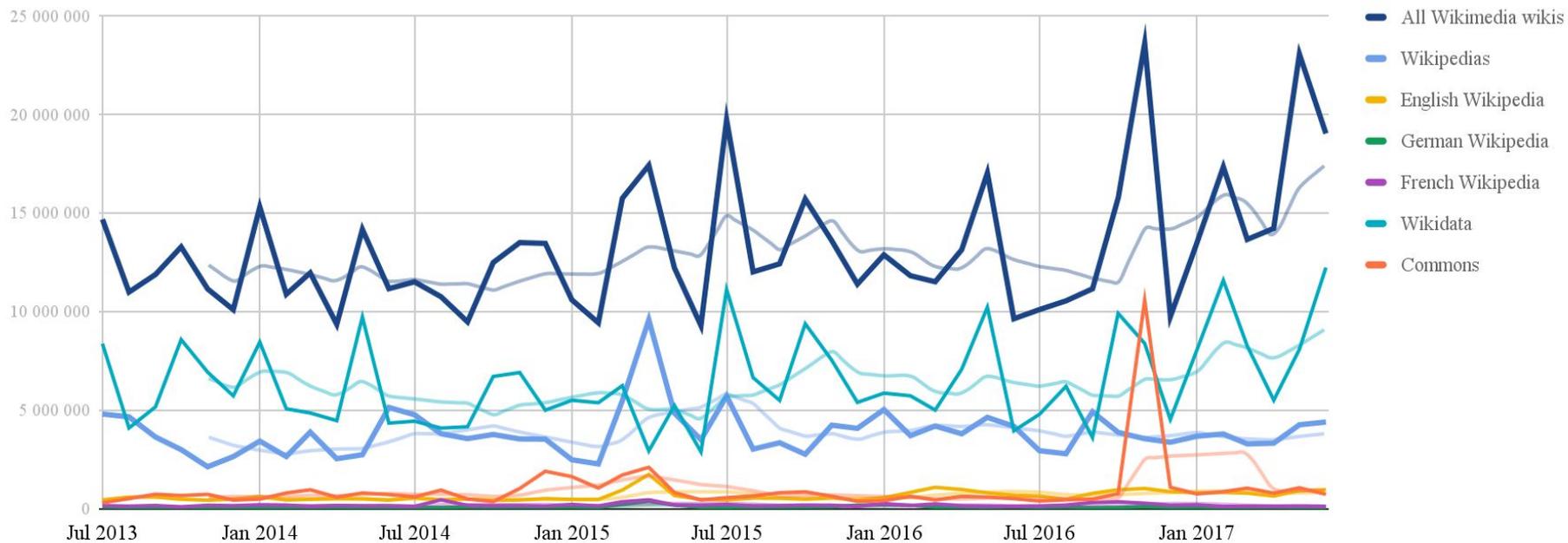
Bot edits

| Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	9.7 M	13.8 M	19.4 M	19.0 M	-16.5%	+100%
Wikipedias	4.2 M	3.3 M	4.5 M	4.1 M	+3.6%	+5.7%
English Wikipedia	0.7 M	0.8 M	1.0 M	0.9 M	+4.3%	+39.3%
German Wikipedia	0.1 M	0.1 M	0.1 M	0.1 M	+3.1%	-21.0%
French Wikipedia	0.1 M	0.1 M	0.1 M	0.1 M	-9.4%	+3.8%
Wikidata	4.0 M	8.3 M	12.3 M	8.6 M	+51.1%	+208%
Commons	0.5 M	1.1 M	0.8 M	0.9 M	-30.2%	+41.8%

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Non-bot:Bot edit ratio

All Wikimedia wikis
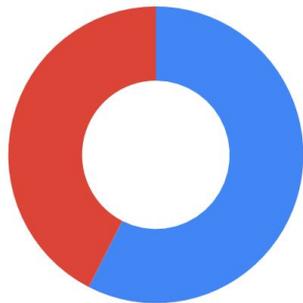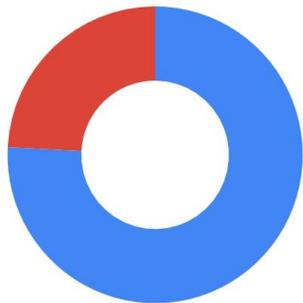
Wikipedias

English Wikipedia

German Wikipedia
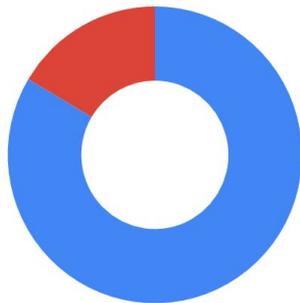
French Wikipedia
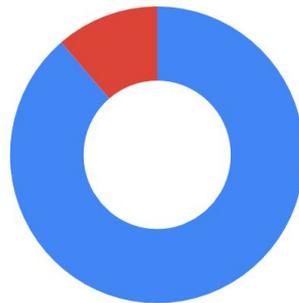
Wikidata
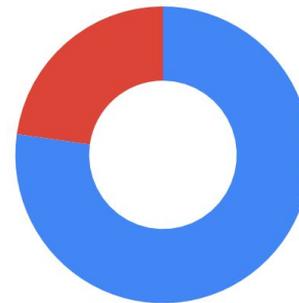
Commons
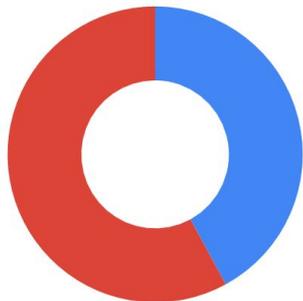
WIKIMEDIA
FOUNDATION
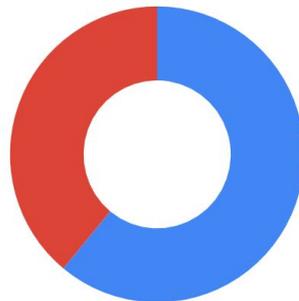
Mobile edits

Mobile edits

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
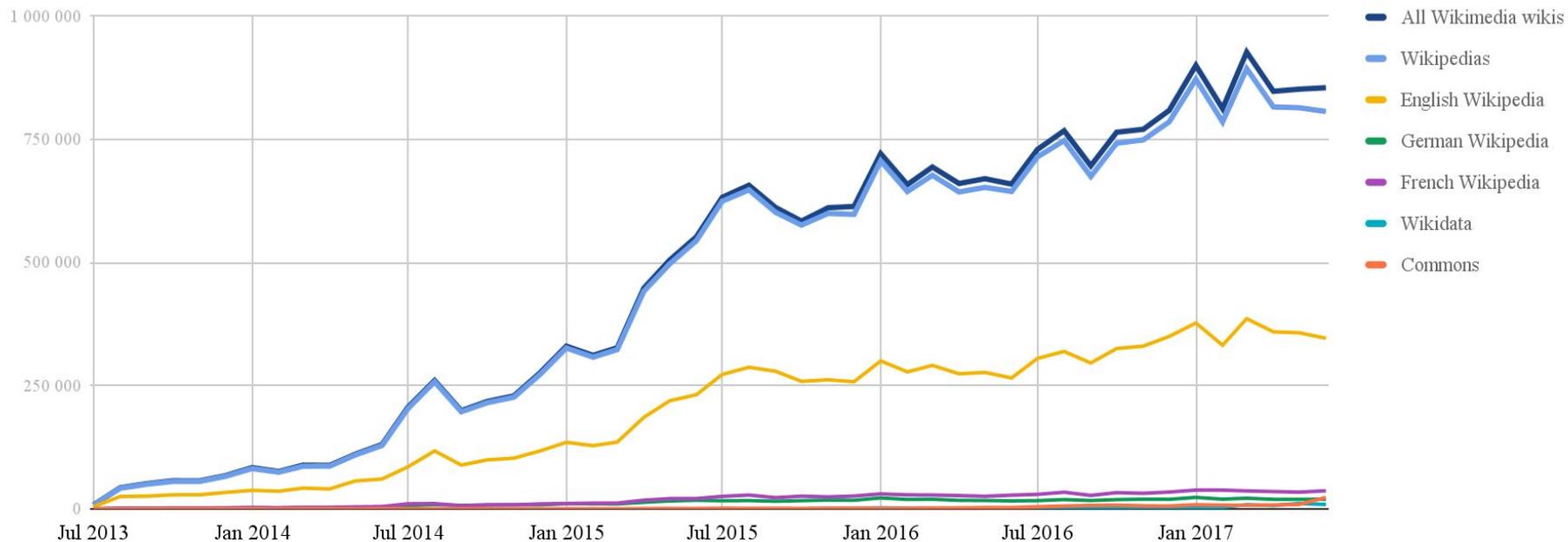
Standard metric

Mobile edits

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	0.66 M	0.93 M	0.86 M	0.85 M	+0.3%	+29.7%
Wikipedias	0.64 M	0.89 M	0.81 M	0.81 M	-0.9%	+25.2%
English Wikipedia	0.27 M	0.39 M	0.35 M	0.35 M	-3.1%	+30.3%
German Wikipedia	0.02 M	0.02 M	0.02 M	0.02 M	+1.2%	+20.6%
French Wikipedia	0.03 M	0.04 M	0.04 M	0.04 M	+8.0%	+31.4%
Wikidata	0.00 M	0.01 M	0.01 M	0.01 M	-17.6%	+1157%
Commons	0.00 M	0.01 M	0.02 M	0.01 M	+151%	+678%

Desktop:Mobile edit ratio

All Wikimedia wikis

Wikipedias


English Wikipedia


German Wikipedia

French Wikipedia

Wikidata

Commons

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Total content edits

Content edits
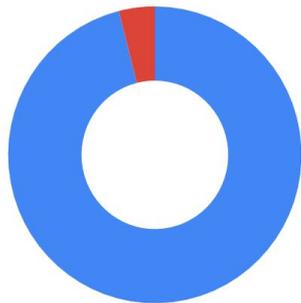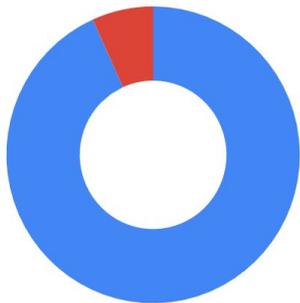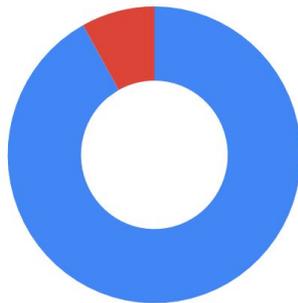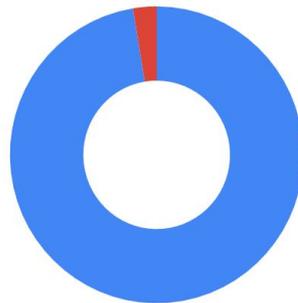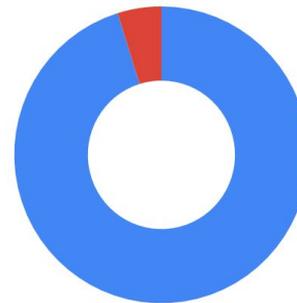
Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
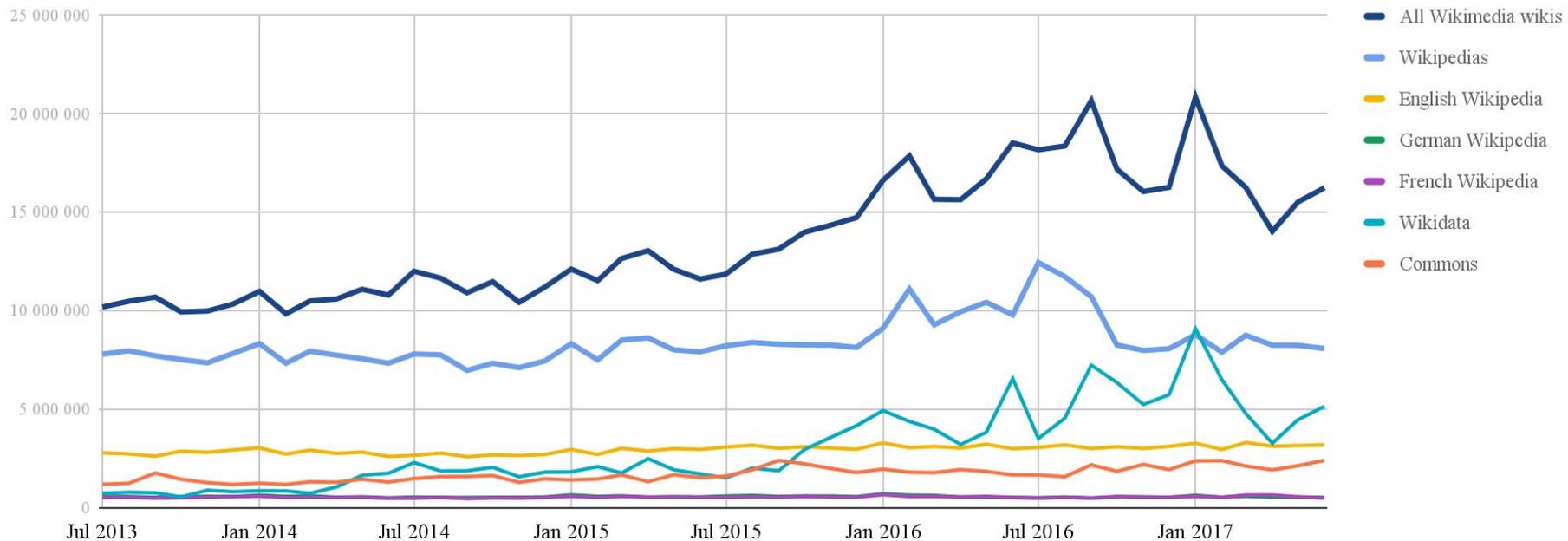
Total content edits

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	18.5 M	12.2 M	16.0 M	15.1 M	+3.4%	-13.7%
Wikipedias	9.8 M	8.8 M	8.1 M	8.1 M	-2.1%	-17.6%
English Wikipedia	3.0 M	3.3 M	3.2 M	3.2 M	+1.3%	+6.7%
German Wikipedia	0.5 M	0.6 M	0.5 M	0.6 M	-2.3%	+0.3%
French Wikipedia	0.5 M	0.7 M	0.5 M	0.6 M	-10.8%	-5.8%
Wikidata	6.6 M	4.8 M	5.2 M	4.3 M	+15.1%	-21.5%
Commons	1.7 M	2.1 M	2.4 M	2.2 M	+12.8%	+44.0%

WIKIMEDIA
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Content:Other edit ratio
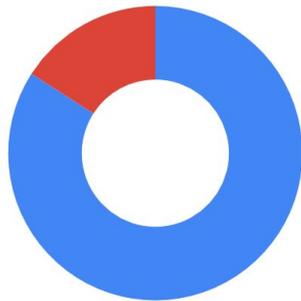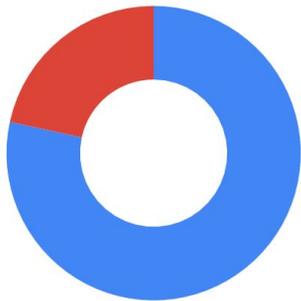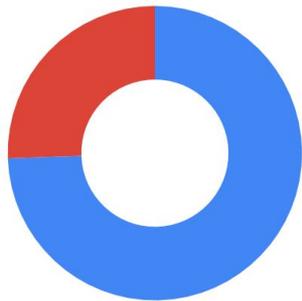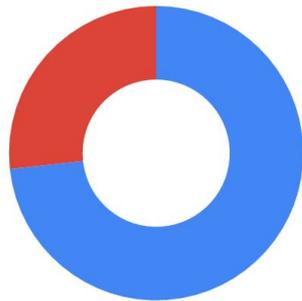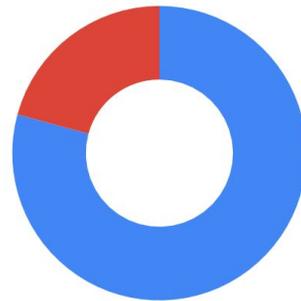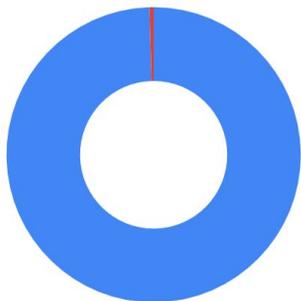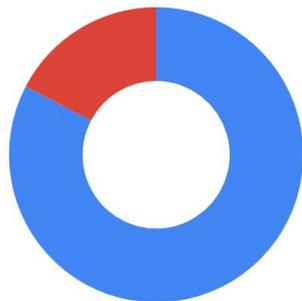
Future Edit Metrics

- Content creations and modifications
  - What balance is there in expansion between content breadth and depth?

- Quality and coverage measure
  - How well do communities do in improving content for their audiences?

- Backlog measure
  - How much work is there for contributors to do, and are they keeping up?

Metrics about Editors

Engagement

Total logged-in editors

**Logged-in editors**



Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons

Y-axis: 400 000, 300 000, 200 000, 100 000

X-axis: Jul 2013, Jan 2014, Jul 2014, Jan 2015, Jul 2015, Jan 2016, Jul 2016, Jan 2017
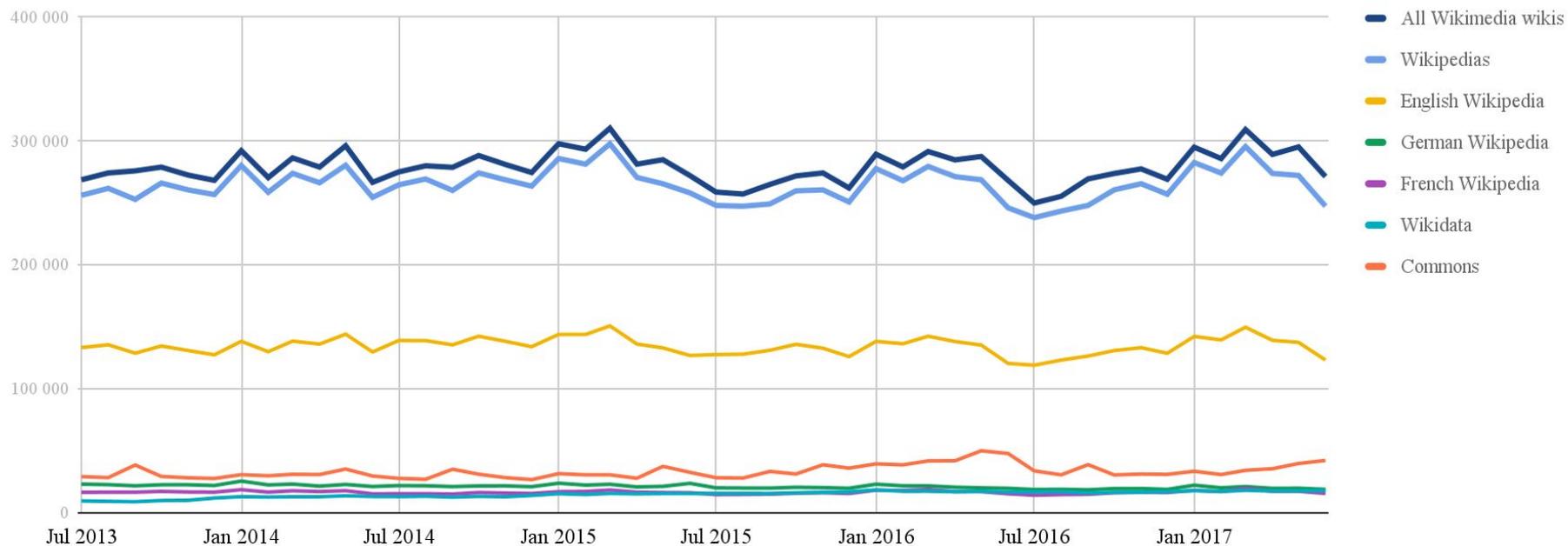
Total logged-in editors

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	268.4 k	309.5 k	271.5 k	285.4 k	−8.1%	+1.1%
Wikipedias	246.2 k	295.7 k	247.6 k	264.7 k	−9.1%	+0.5%
English Wikipedia	120.7 k	149.9 k	123.4 k	133.4 k	−10.4%	+2.2%
German Wikipedia	19.9 k	21.2 k	19.0 k	19.6 k	−4.5%	−4.2%
French Wikipedia	15.4 k	19.8 k	15.7 k	16.9 k	−10.0%	+1.9%
Wikidata	17.0 k	18.3 k	18.0 k	17.8 k	+1.0%	+5.9%
Commons	47.9 k	34.4 k	42.4 k	39.3 k	+6.2%	−11.6%

Logged-in editors' edits

**Logged-in editors' edits**

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons

X-axis: Jul 2013, Jan 2014, Jul 2014, Jan 2015, Jul 2015, Jan 2016, Jul 2016, Jan 2017

Y-axis: 0, 5 000 000, 10 000 000, 15 000 000, 20 000 000, 25 000 000
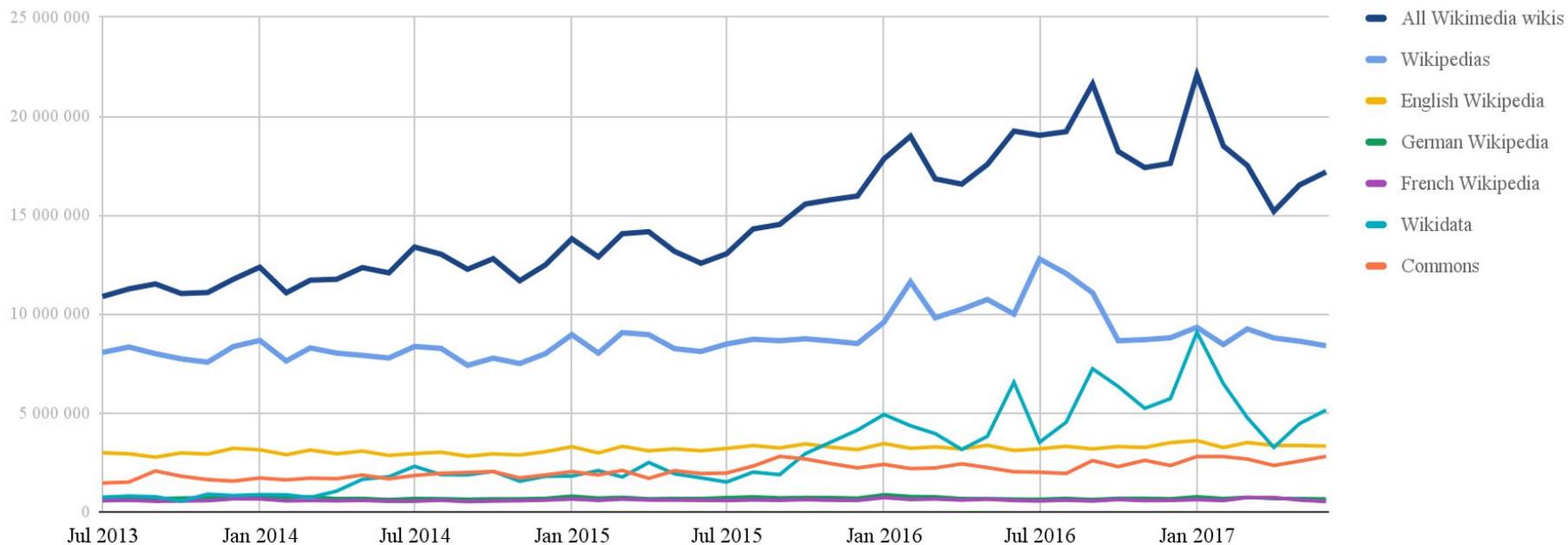
Logged-in editors' edits

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	19.2 M	17.5 M	17.2 M	16.3 M	+4.0%	-10.7%
Wikipedias	10.0 M	9.2 M	8.4 M	8.6 M	-2.7%	-16.0%
English Wikipedia	3.1 M	3.5 M	3.3 M	3.4 M	-0.9%	+7.1%
German Wikipedia	0.7 M	0.7 M	0.7 M	0.7 M	-2.5%	+1.2%
French Wikipedia	0.6 M	0.7 M	0.5 M	0.6 M	-12.8%	-9.1%
Wikidata	6.6 M	4.8 M	5.1 M	4.3 M	+15.3%	-21.5%
Commons	2.0 M	2.7 M	2.8 M	2.6 M	+9.4%	+38.4%

Logged-in editors, 1+/m

Logged-in editors, 1+

■	All Wikimedia wikis
■	Wikipedias
■	English Wikipedia
■	German Wikipedia
■	French Wikipedia
■	Wikidata
■	Commons
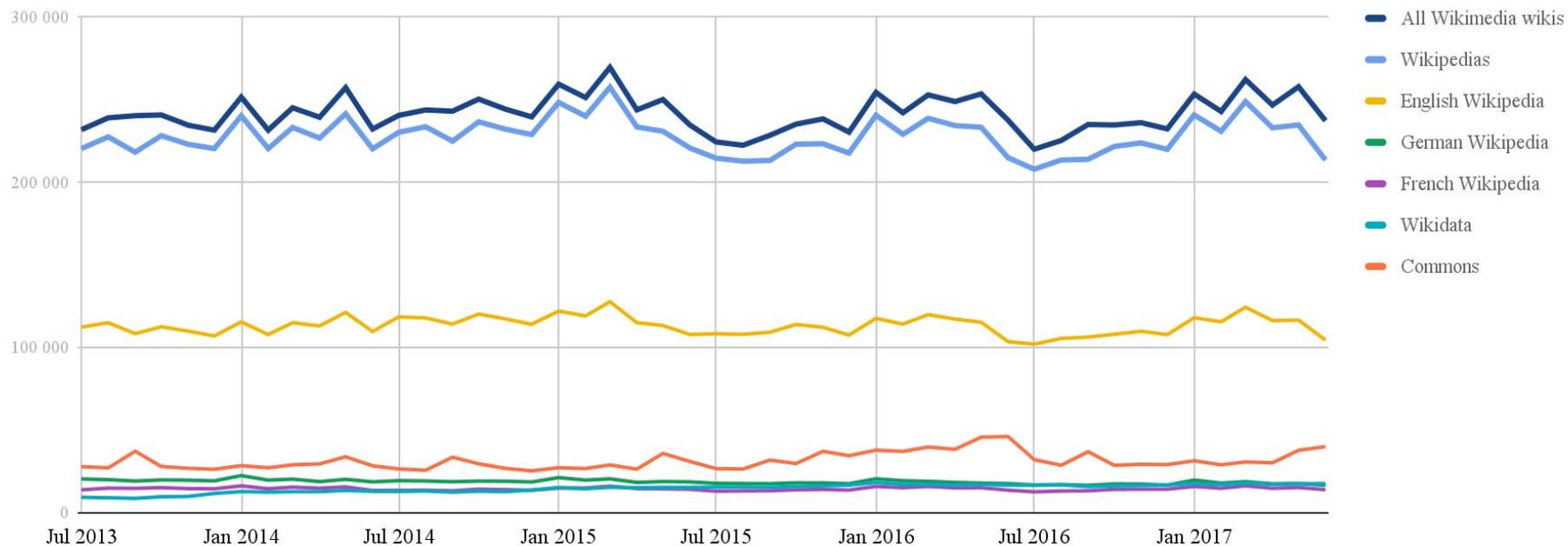
Logged-in editors, 5+/m

Logged-in editors, 5+


Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
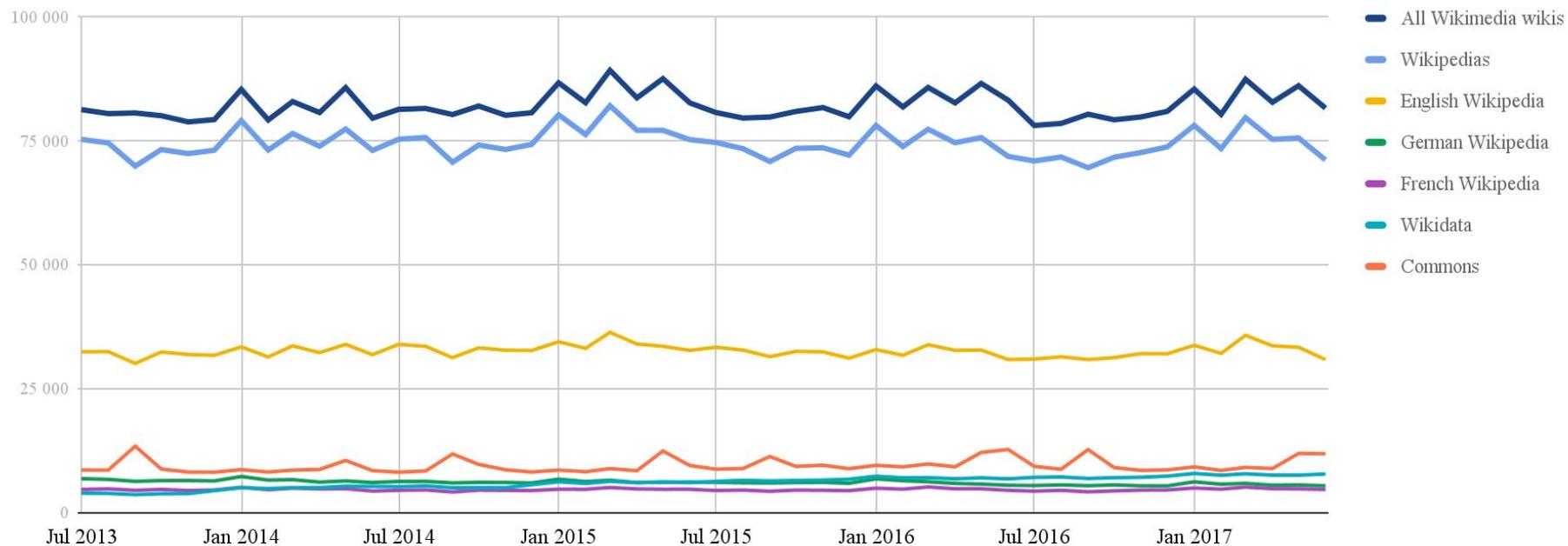
Standard metric

Logged-in editors, 10+/m

Logged-in editors, 10+

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons

Y-axis: 0, 20 000, 40 000, 60 000

X-axis: Jul 2013, Jan 2014, Jul 2014, Jan 2015, Jul 2015, Jan 2016, Jul 2016, Jan 2017
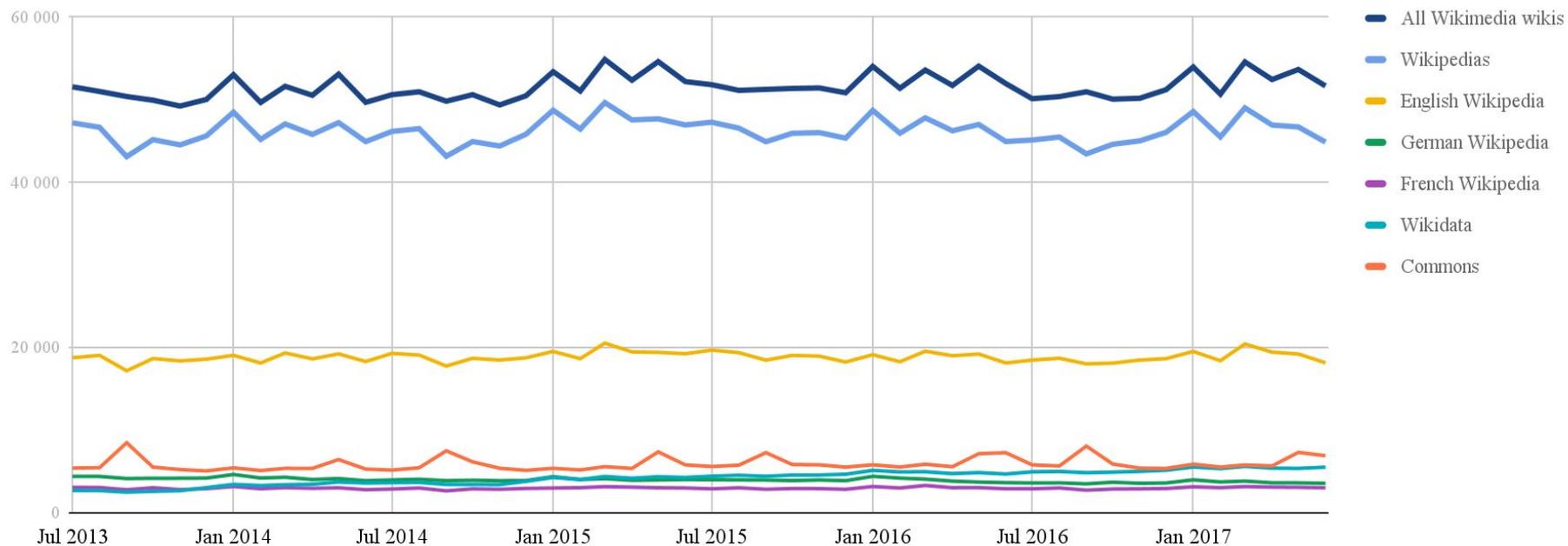
Logged-in editors, 100+/m

Logged-in editors, 100+

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
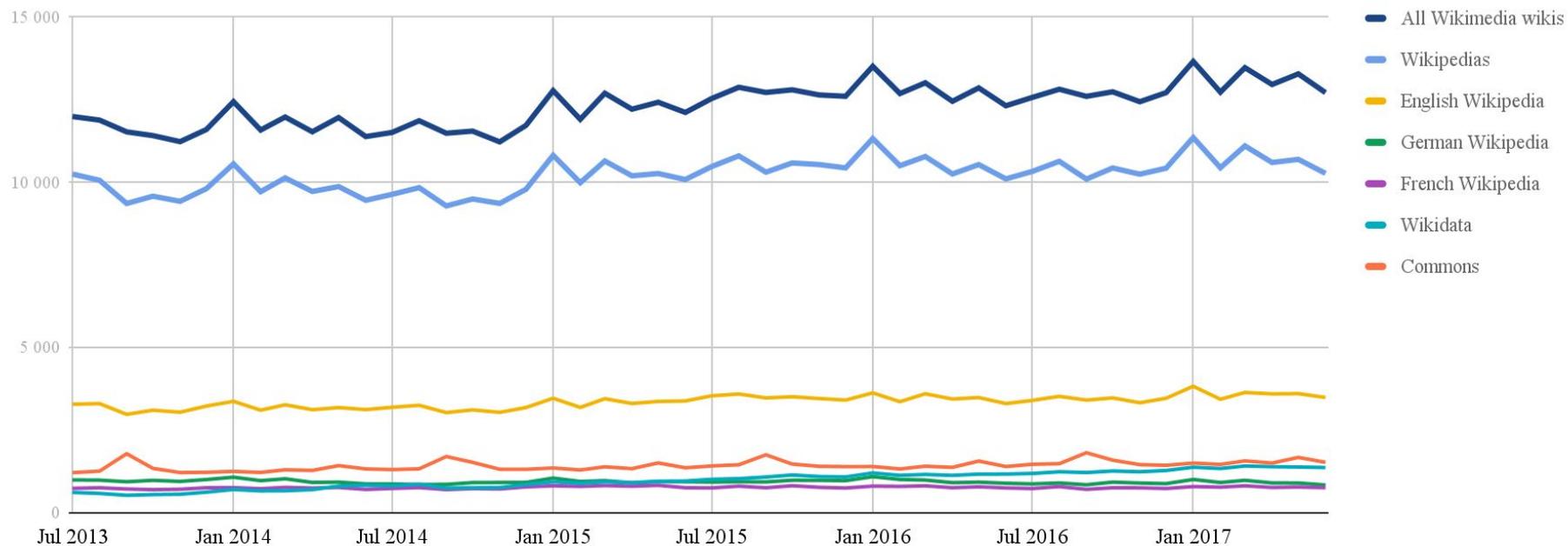
Logged-in editors, 1+/m

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	237.7 k	262.3 k	237.4 k	247.4 k	−8.0%	−0.1%
Wikipedias	215.0 k	249.1 k	213.6 k	227.2 k	−9.0%	−0.6%
English Wikipedia	103.7 k	124.5 k	104.7 k	112.6 k	−10.3%	+1.0%
German Wikipedia	17.7 k	18.9 k	16.7 k	17.4 k	−5.8%	−5.5%
French Wikipedia	13.8 k	16.4 k	14.0 k	14.8 k	−8.6%	+2.1%
Wikidata	16.8 k	18.1 k	17.8 k	17.6 k	+1.0%	+5.9%
Commons	46.2 k	30.8 k	40.1 k	36.1 k	+5.9%	−13.1%

Logged-in editors, 5+/m

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	83.3 k	87.5 k	81.7 k	83.6 k	−5.2%	−1.9%
Wikipedias	71.9 k	79.8 k	71.2 k	74.1 k	−5.9%	−1.0%
English Wikipedia	30.9 k	35.8 k	30.9 k	32.7 k	−7.4%	−0.0%
German Wikipedia	5.6 k	6.0 k	5.5 k	5.6 k	−2.9%	−1.9%
French Wikipedia	4.6 k	5.2 k	4.7 k	4.8 k	−2.4%	+3.7%
Wikidata	6.9 k	7.9 k	7.8 k	7.7 k	+3.1%	+14.1%
Commons	12.8 k	9.2 k	11.9 k	11.0 k	−0.5%	−6.8%

Logged-in editors, 10+/m

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	52.0 k	54.6 k	51.7 k	52.6 k	−3.7%	−0.5%
Wikipedias	45.0 k	49.0 k	44.9 k	46.2 k	−3.9%	−0.2%
English Wikipedia	18.2 k	20.5 k	18.2 k	19.0 k	−5.6%	+0.1%
German Wikipedia	3.7 k	3.9 k	3.6 k	3.6 k	−1.5%	−2.1%
French Wikipedia	2.9 k	3.2 k	3.0 k	3.1 k	−1.6%	+4.1%
Wikidata	4.7 k	5.6 k	5.5 k	5.4 k	+2.7%	+17.5%
Commons	7.3 k	5.8 k	6.9 k	6.6 k	−5.5%	−5.0%

Logged-in editors, 100+/m

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	12.3 k	13.5 k	12.7 k	13.0 k	−4.3%	+3.2%
Wikipedias	10.1 k	11.1 k	10.3 k	10.5 k	−4.0%	+1.7%
English Wikipedia	3.3 k	3.6 k	3.5 k	3.6 k	−3.2%	+5.6%
German Wikipedia	0.9 k	1.0 k	0.8 k	0.9 k	−6.7%	−5.9%
French Wikipedia	0.8 k	0.8 k	0.8 k	0.8 k	−2.4%	+1.1%
Wikidata	1.2 k	1.4 k	1.4 k	1.4 k	−1.1%	+16.9%
Commons	1.4 k	1.6 k	1.5 k	1.6 k	−8.9%	+9.1%

Logged-out editors' edits

Logged-out editors' edits
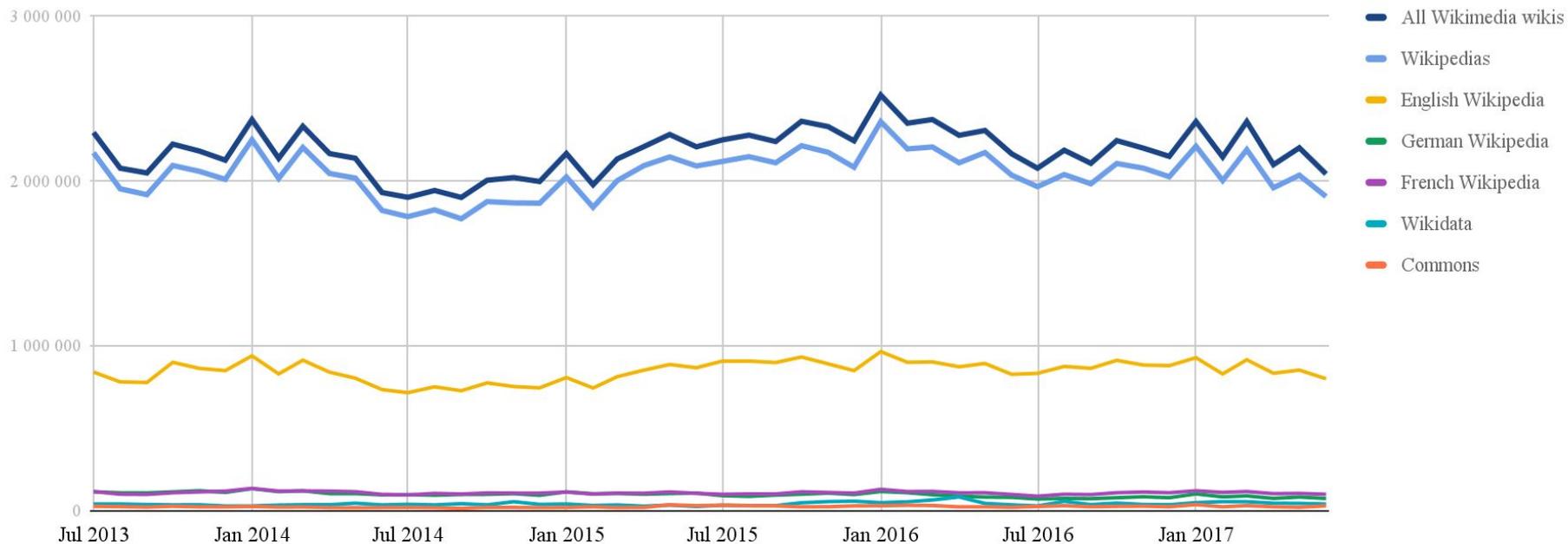
Logged-out editors' edits

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	2.17 M	2.36 M	2.04 M	2.12 M	−7.2%	−5.6%
Wikipedias	2.04 M	2.19 M	1.91 M	1.97 M	−6.4%	−6.4%
English Wikipedia	0.83 M	0.92 M	0.80 M	0.83 M	−6.2%	−3.3%
German Wikipedia	0.08 M	0.09 M	0.08 M	0.08 M	−10.2%	−8.2%
French Wikipedia	0.10 M	0.12 M	0.10 M	0.10 M	−5.0%	+1.0%
Wikidata	0.04 M	0.06 M	0.04 M	0.04 M	−9.4%	+12.6%
Commons	0.02 M	0.03 M	0.03 M	0.03 M	+41.1%	+41.8%

Acquisition

New logged-in editors, 1+

New logged-in editors, 1+

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
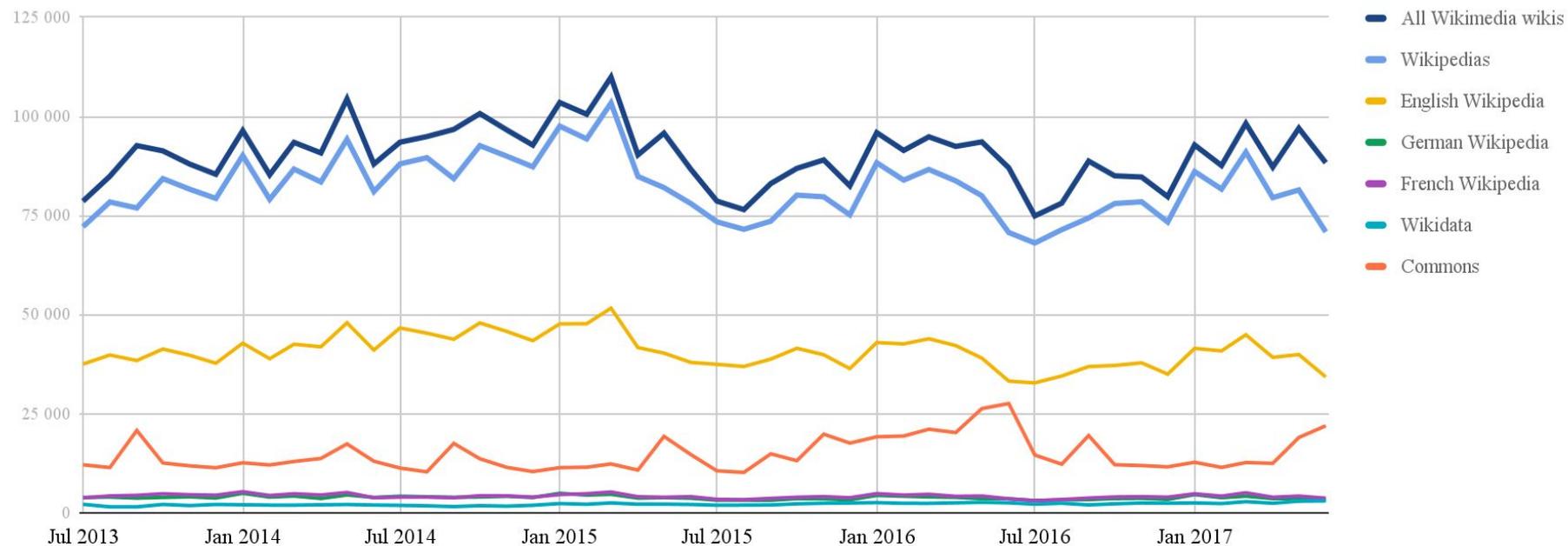
New logged-in editors, 5+

New logged-in editors, 5+

	All Wikimedia wikis
	Wikipedias
	English Wikipedia
	German Wikipedia
	French Wikipedia
	Wikidata
	Commons
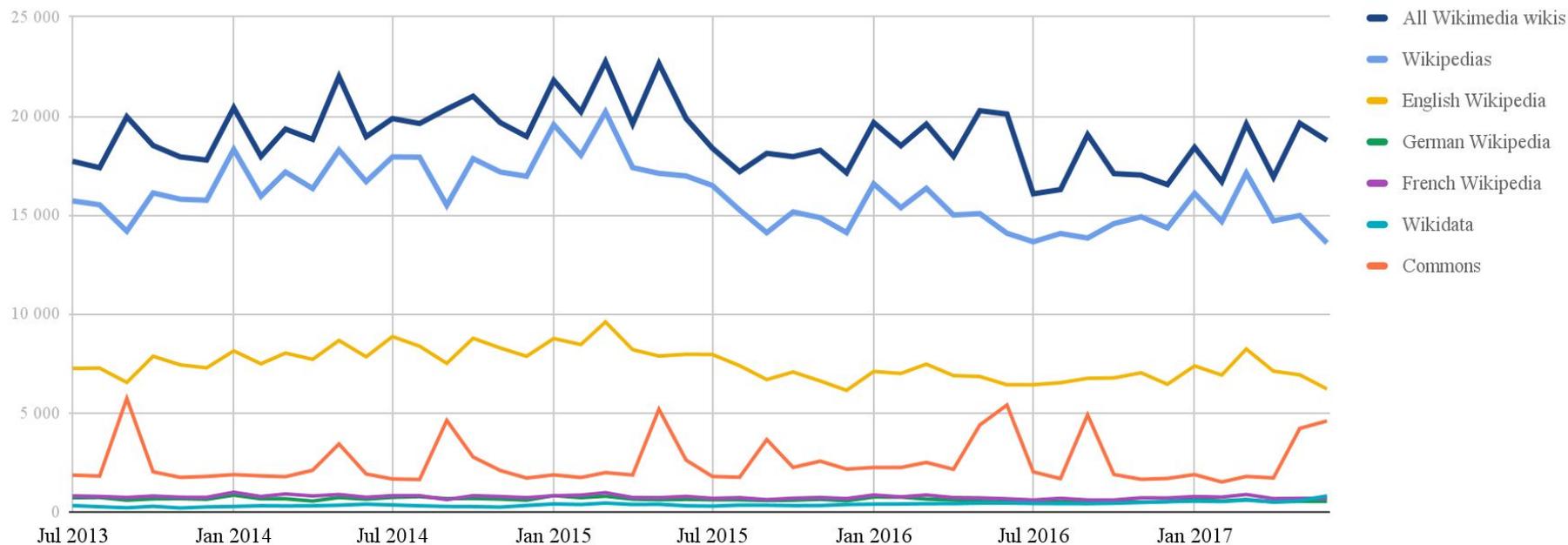
Standard metric

New logged-in editors, 1+

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	87 046	98 237	88 322	90 862	−9.0%	+1.5%
Wikipedias	70 720	91 000	70 879	77 291	−13.0%	+0.2%
English Wikipedia	33 242	44 940	34 307	37 829	−14.1%	+3.2%
German Wikipedia	3 551	4 223	3 327	3 528	−8.8%	−6.3%
French Wikipedia	3 559	5 077	3 708	3 969	−12.7%	+4.2%
Wikidata	2 544	2 841	3 045	2 818	+2.5%	+19.7%
Commons	27 594	12 712	21 975	17 834	+15.5%	−20.4%

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New logged-in editors, 5+

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	20 105	16 917	19 598	19 205	+4.4%	−2.5%
Wikipedias	14 079	14 710	17 126	14 284	+26.0%	+21.6%
English Wikipedia	6 427	7 114	8 235	6 573	+32.5%	+28.1%
German Wikipedia	516	508	629	539	+17.1%	+21.9%
French Wikipedia	666	674	884	689	+28.5%	+32.7%
Wikidata	454	507	602	692	−26.0%	+32.6%
Commons	5 406	1 721	1 798	4 412	−60.9%	−66.7%

Retention

Logged-in 2nd m 1+ editors

Logged-in second month editors, 1+

Legend:
- All Wikimedia wikis
- Wikipedias
- English Wikipedia
- German Wikipedia
- French Wikipedia
- Wikidata
- Commons
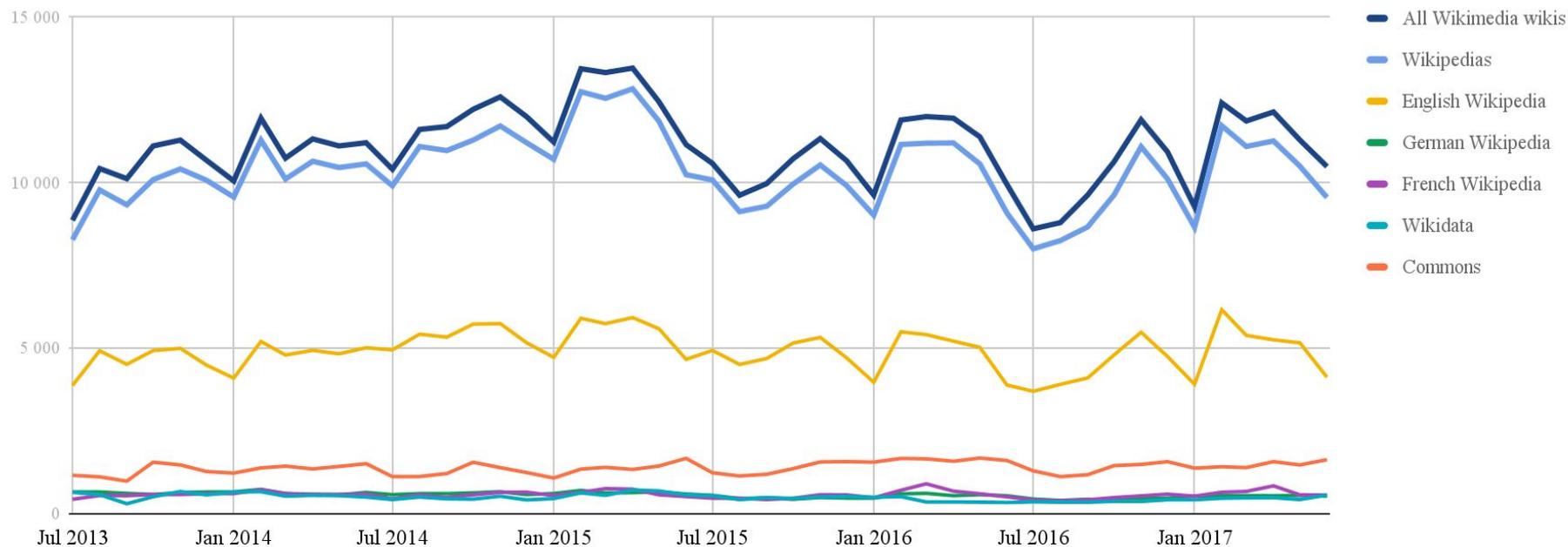
Logged-in 2nd m 5+ editors

Logged-in second month editors, 5+
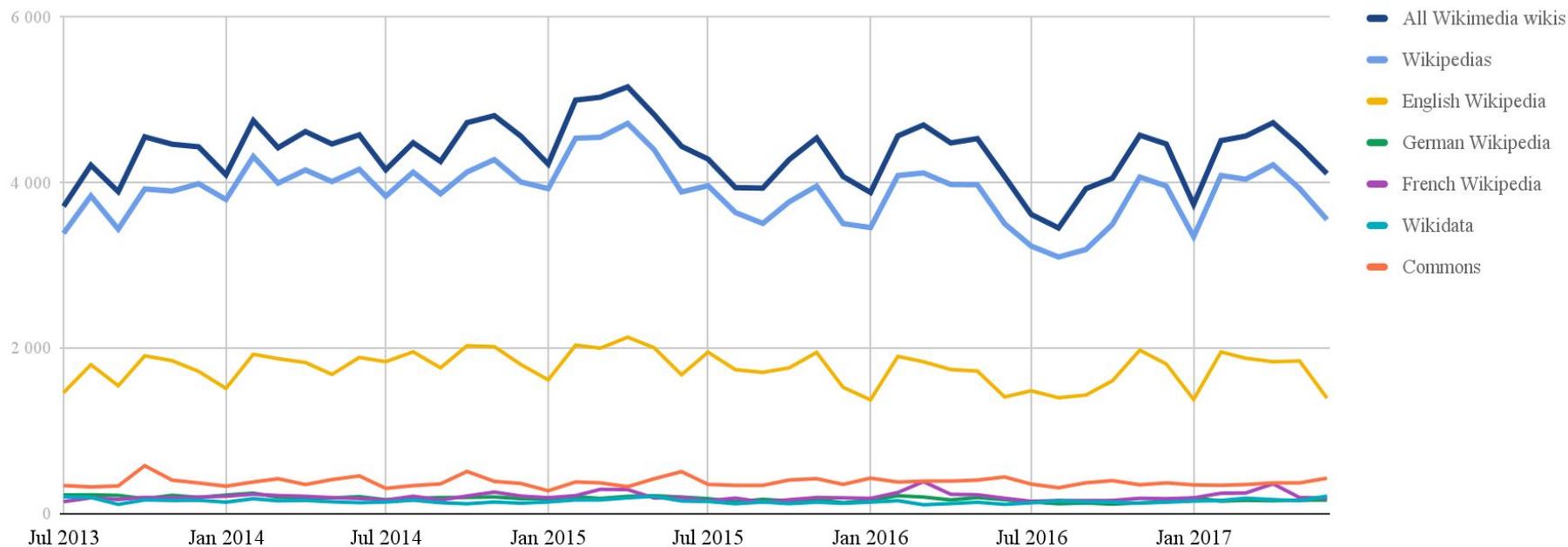
Standard metric

Logged-in 2nd m 1+ editors

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	9 953	11 870	10 492	11 311	−7.1%	+5.4%
Wikipedias	9 087	11 100	9 560	10 445	−9.0%	+5.2%
English Wikipedia	3 891	5 393	4 129	4 852	−20.1%	+6.1%
German Wikipedia	546	550	535	546	−3.8%	−2.0%
French Wikipedia	514	677	567	662	−1.4%	+10.3%
Wikidata	343	483	568	496	+31.5%	+65.6%
Commons	1 611	1 396	1 638	1 564	+10.9%	+1.7%

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Logged-in 2nd m 5+ editors

Wiki	Jun 2016	Mar 2017	Jun 2017	Apr-Jun 2017	M/M	Y/Y
All Wikimedia wikis	4 076	4 566	4 112	4 428	−7.5%	+0.9%
Wikipedias	3 505	4 044	3 556	3 902	−9.5%	+1.5%
English Wikipedia	1 413	1 881	1 398	1 695	−24.4%	−1.1%
German Wikipedia	172	164	167	164	+0.6%	−2.9%
French Wikipedia	188	252	193	251	−1.5%	+2.7%
Wikidata	115	189	215	182	+35.2%	+87.0%
Commons	445	354	431	393	+15.2%	−3.1%

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Future Editor Metrics

- "Oldbie" retention measure
  - How much do existing users slow their edit rates, or cease contributing?

- Functionaries and sysop measure
  - How much work is there for functionaries to do, and is it stable?

- Community health measure
  - How well do communities do in maintaining positive environments?

THANK YOU

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