

Establishing Indicators for Sanitation Wikipedia

Output of Grant: A Discussion Document

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The Context: Output 2.1.3

The commitment to improving sanitation entries on Wikipedia, the 5th most visited website globally (Source: <http://www.alexa.com/siteinfo/wikipedia.org>), is in the grant as **Output 2.1.3**:

Wikipedia pages that relate to sanitation are improved and serve as an entry point for sharing and collaboration amongst those working in the WSH sector, and to provide orientation to non-specialists and the general public.

Wikipedia work contributes to **Outcome 2**:

Demonstrable improvements in the impact that use of the SuSanA platform has on members' work in sanitation.

More specifically, it contributes to **Outcome 2.1**:

Improved thematic content and curated KM tools for the Forum and Website.

In Section 14 of the Proposal Narrative, we provided examples of possible ways of measuring the impact of Wikipedia work, and noted our intention to agree on indicators we would use for Output 2.1.3. We should now urgently agree on which indicators we will use for this output. This document serves as a basis for discussion.

| Sanitation Wikipedia Recommended Indicators, version 18 Aug 2017 | Baseline date: 12 August 2017 | Target 1: after WTD 30 Nov 2017 | Target 2: after WWD 31 May 2018 |
|---|---|---|--|
| <i>1 - Related to Individuals (people, editors)</i> | | | |
| Number of people registered as editors for “Sanitation Wikipedia” (available in Outreach Dashboard tool) | 72 | 100 | 150 |
| Total number of editors (with at least 1 lifetime edit) | 43 | 60 | 80 |
| % of editors with 5 or more edits in last 7 day period (see here) | 8% | 40% | 50% |
| Number of people on our Sanitation Wikipedia mailing list where we have an e-mail address or a Wikipedia login name | 125 | 160 | 190 |
| % of people on mailing list who have a Wikipedia login | 58% (72 of 125) | 80% | 100% |
| <i>2 - Related to Partner Organizations</i> | | | |
| Number of organizations that named a contact person to monitor custom-made watchlist of articles | 0 | 5 | 10 |
| Number of organizations whose staff member(s) did make edits for Sanitation Wikipedia | 1 | 4 | 8 |

| | | | |
|--|-------------------|--------------------|------------------------|
| 3 - Related to Key-100 articles (list of 100 is here or below) | | | |
| Average value of score for lead sections across list of Key-100 articles is approaching maximum value of 8 (see here) | 3.2 | 6 | 8 |
| Average value of score for entire article across list of Key-100 articles is approaching maximum value of 13 see here) | 7.2 | 9 | 12 |
| Percentage of articles who cite the JMP 2017 Update report compared to those who should cite it (48 articles determined who should cite it) | 12% (6 out of 48) | 80% (38 out of 48) | 100% (all 48 articles) |

| Parameters to Monitor (but not treated as indicators) | Explanations |
|--|---|
| Median number of people watching an article for the Key-100 articles (by adding it to their watchlist) | We would expect this figure to go up over time. |
| Appearance in Google ranking | Monitor anyway to see if trends emerge. We did observe a trend with UDDT and FSM when those articles were new: it did not take long and they made it to the top of the Google rankings. We will also check if there is an info box at the top right for the Google search, drawing content from Wikipedia. |
| Popularity of the Offline Medical Wikipedia App for smartphones provided by Kiwix (currently in Top-6) | More information about this interesting Offline Medical Wikipedia App for smartphones that Kiwix is providing, see here . It contains all medical content and the entire content from WikiProject Sanitation (about 500 articles), in around a dozen languages – for reading where there is no internet connectivity. About 1 Gb of data. |
| View rates of Key-100 articles | Graph of page views is available within Wikipedia going back 2 years. |
| New articles created | Creating new articles is not our focal area. It is usually more impactful to edit existing articles on broad topics rather than creating a new ones that are likely to be rather specialised. Creating new articles can however be a rallying point for small teams, e.g. the new article recently created on container based sanitation. |
| Images uploaded to | Encourage SuSanA members to provide their images and include them |

| | |
|---|--|
| Wikimedia Commons | in articles (all photos from SuSanA's flickr photo stream are already included in Wikimedia Commons). We usually upload to SuSanA's flickr account first and then from there to Wikimedia Commons. |
| General Wikipedians (= people who are not SuSanA related) involved in editing sanitation-related articles | We will monitor this for our Key-100 articles |

Methods to collect data

- For the figures on article quality we have to do an assessment for each article, see [here](#).
- For the figures on editors we can use the Outreach Dashboard for "Sanitation Wikipedia", see [here](#).

Key-100 articles (the first 10 are top priority; total number currently only 69):

| | Article | Views per day for one-year period starting 13 August 2016 |
|---|---|---|
| 1 | Swachh Bharat Abhiyan | 3883 |
| 2 | Sustainable Development Goals | 2596 |
| 3 | Toilet | 1190 |
| 4 | Hygiene | 1032 |
| 5 | Sanitation | 913 |

| | | |
|----|--|------|
| 6 | Open defecation | 632 |
| 7 | Wastewater | 523 |
| 8 | Reclaimed water | 315 |
| 9 | WASH | 166 |
| 10 | World Toilet Day | 121 |
| 11 | Water pollution | 5004 |
| 12 | Gastroenteritis | 3771 |
| 13 | Cholera | 3612 |
| 14 | Diarrhea | 2758 |
| 15 | Sewage treatment | 1773 |
| 16 | Malnutrition | 1429 |
| 17 | Feces | 1292 |
| 18 | Schistosomiasis | 1260 |
| 19 | Menstrual cup | 1155 |
| 20 | Urine | 1103 |
| 21 | Public health | 1074 |
| 22 | Drinking water | 1069 |
| 23 | Compost | 1054 |
| 24 | Waterborne diseases | 977 |
| 25 | Emergency management | 942 |
| 26 | Human feces | 796 |
| 27 | Wastewater treatment | 784 |
| 28 | Composting toilet | 760 |
| 29 | Antimicrobial resistance | 671 |

| | | |
|----|--|-----|
| 30 | Ascariasis | 623 |
| 31 | Sewage | 608 |
| 32 | Helminths | 601 |
| 33 | Greywater | 418 |
| 34 | Hand washing | 410 |
| 35 | Public toilet | 371 |
| 36 | History of water supply and sanitation | 370 |
| 37 | Pit latrine | 368 |
| 38 | Manual scavenging | 342 |
| 39 | Human waste | 336 |
| 40 | Stunted growth | 330 |
| 41 | Fecal–oral route | 292 |
| 42 | Child mortality | 264 |
| 43 | Helminthiasis | 261 |
| 44 | Groundwater pollution | 255 |
| 45 | Malnutrition in children | 254 |
| 46 | Social marketing | 245 |
| 47 | Neglected tropical diseases | 192 |
| 48 | World Water Day | 153 |
| 49 | Blackwater (waste) | 139 |
| 50 | Dry toilet | 113 |
| 51 | Vacuum truck | 111 |
| 52 | Urine-diverting dry toilet | 107 |

| | | |
|----|---|-------|
| 53 | Fecal sludge management | 81 |
| 54 | Reuse of excreta | 80 |
| 55 | Menstrual hygiene day | 77 |
| 56 | Behavior change (public health) | 75 |
| 57 | Mass deworming | 61 |
| 58 | Community-led total sanitation | 60 |
| 59 | Improved sanitation | 56 |
| 60 | Human right to water and sanitation | 54 |
| 61 | Global Handwashing Day | 49 |
| 62 | Septic tank | 36 |
| 63 | Omni Processor | 26 |
| 64 | Decentralized wastewater system | 23 |
| 65 | Vermifilter | 22 |
| 66 | Emergency sanitation | 20 |
| 67 | Self-supply of water and sanitation | 17 |
| 68 | Sustainable sanitation | 13 |
| 69 | Container-based sanitation | 7 |
| | Sum | 50575 |

Possible articles to add (to discuss):

- Advocacy (WG9)
- Capacity development (title of WG 1)
- Good governance (WG10)
- Appropriate technology (WG10) - although this term is not one we would want to push... maybe only update its section on WASH
- [Onsite sewage facility](#) (or on-site sanitation as a new article term). Would require quite a lot of work.

Appendix 1: Statistics available through Wikipedia's monitoring system

Number of articles tagged with [WikiProject Sanitation](#)

- Currently 505
- Any Wikipedian can add this tag to an article,
- As “host” of the project, Elisabeth gets notified and can either concur or remove the tag if the article is not relevant.
- Link to list of WikiProject Sanitation articles: [here](#)
- WikiProject Sanitation articles are included in the offline Wikipedia Health Content version (provided by Kiwix), making sanitation information available where internet access is slow or nonexistent and where content is censored

Number of members of The WikiProject Sanitation: currently 34

- Anyone can join the project, increasing the number of members.

Quality Ratings (stub, start, C, B, A, good article, featured article)

Importance Ratings (low, medium, high, top)

- Anyone can change the ratings, and others watching that page could concur or change it back
- (In practice, few people do as the ordinary Wikipedia editor is not really taking much notice of that. As a result, if someone changes it, it is usually a good experienced Wikipedian and it usually makes sense. I've never had a change that I made (e.g. moving from start to C) reverted. Of course it gets far more controversial as you move up to the high quality ratings. I have never gone beyond B. Most of our articles are C, some are B.)
- Elisabeth follows these ratings by watching this overview page [here](#).

Page Views

- Articles on general topics get more views than articles on specialised topics, e.g. “diarrhoea” gets more views than “malnutrition in children”
- Link to list of WikiProject Sanitation articles, with page views noted: [here](#)

Number of sanitation articles edited, number of edits, and number of words added

- An “edit” is defined as one save by a given editor. That means an edit could include just one additional word or it could include hundreds of changes in one go. One is advised to save often.
 - Words added can be calculated separately from “edits” so it becomes a little more reliable as an indicator.
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Number of new articles created for Wikipedia:

Anyone can create a new article

New articles will then be evaluated by other Wikipedians interested in that topic area.

Number of “uploads” to Wikimedia Commons

- Adding images to articles can improve them and add reader appeal
- Wikimedia Commons includes only “open access” images, so anything found there is pre-approved and will not have copyright issues. Likewise, adding images to Wikimedia Commons requires them to have an open access licence.

Appendix 2: Information Wikipedia collects for each article ("[Sanitation](#)" as an example)

Basic information

| | |
|--|-------------------------|
| Display title | Sanitation |
| Default sort key | Sanitation |
| Page length (in bytes) | 45,700 |
| Page ID | 184729 |
| Page content language | en - English |
| Page content model | wikitext |
| Indexing by robots | Allowed |
| Number of page watchers | 87 |
| Number of page watchers who visited recent edits | 13 |
| Number of redirects to this page | 9 |
| Counted as a content page | Yes |
| Wikidata item ID | Q949149 |
| Page image | |
| Page views in the past 30 days | 27,945 |

Edit history

| | |
|-----------------------|---|
| Page creator | The Anome (talk contribs) |
| Date of page creation | 08:47, 18 February 2003 |
| Latest editor | Rathfelder (talk contribs) |
| Date of latest edit | 07:10, 13 July 2017 |
| Total number of edits | 1,083 |

| | |
|--|----|
| Recent number of edits (within past 30 days) | 18 |
| Recent number of distinct authors | 4 |

Totals (from [here](#))

Pageviews

Pageviews:20.064

Daily average:955

Revisions

Edits:[18](#)

Editors:4

Basic information

Watchers:87

Size:43.685

Protection:none

Class: B