## Provisional Wikimedia hardware budget

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| Traffic history (all Wikipedias) |  |  |  |
| :---: | :---: | :---: | :---: |
| Month | Quarter | Hits/day (1000s) h | (1000s) |
| Jul 2002 | Q3 | 90 | 2790 |
| Aug 2002 | 02 | 99 | 3069 |
| Sep 2002 |  | 180 | 5400 |
| Oct 2002 | Q4 | 180 | 5580 |
| Nov 2002 | 02 | 229 | 6870 |
| Dec 2002 |  | 233 | 7223 |
| Jan 2003 | Q1 | 179 | 5549 |
| Feb 2003 | 03 | 200 | 5600 |
| Mar 2003 |  | 284 | 8804 |
| Apr 2003 | Q2 | 401 | 12030 |
| May 2003 | 03 | 391 | 12121 |
| Jun 2003 |  | 399 | 11970 |
| Jul 2003 | Q3 | 426 | 13206 |
| Aug 2003 | 03 | 623 | 19313 |
| Sep 2003 |  | 1200 | 36000 |
| Oct 2003 | Q4 | 1200 | 37200 |
| Nov 2003 | 03 | 1600 | 48000 |
| Dec 2003 |  | 1600 | 49600 |
| Jan 2004 | Q1 | 1600 | 49600 |
| Feb 2004 | 04 | 5700 | 165300 |
| Mar 2004 |  | 5100 | 158100 |
| Apr 2004 | Q2 | 4400 | 132000 |
| May 2004 | 04 | 4900 | 151900 |
| Jun 2004 |  | 12100 | 363000 |
| Figures in gray are estimated |  |  |  |

Traffic vs spending



## Projected spending

| $\begin{aligned} & \text { Month } \\ & 2004 \end{aligned}$ |  | hits (x 1000) | \% + over last Q | Actual spending | Modeled budget figures |  | Moore's Law adjustments |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \$/1000 hits | Average | \$/1000 hits | Average |
| Jan 2004 | 1600 | $4.96 \mathrm{E}+04$ |  | \$21,164.24 |  |  |  |  |
| Feb 2004 | 5700 | $1.65 \mathrm{E}+05$ |  | \$682.33 |  |  |  |  |
| Mar 2004 | 5100 | $1.58 \mathrm{E}+05$ |  | \$16.20 |  |  |  |  |
| Q1 2004 |  | $3.73 \mathrm{E}+05$ | 176.71\% | \$21,862.77 | \$16,973 | \$19,540 | \$0.071257 | \$0.082031 |
| Apr 2004 | 4400 | $1.32 \mathrm{E}+05$ |  | \$1,522.40 |  |  |  |  |
| May 2004 | 4900 | $1.52 \mathrm{E}+05$ |  | \$20,100.00 |  |  |  |  |
| Jun 2004 | 12100 | $3.63 \mathrm{E}+05$ |  | \$0.00 |  |  |  |  |
| Q2 2004 |  | 6.47E+05 | 73.43\% | \$21,622.40 | \$16,264 | \$18,723 | \$0.059381 | \$0.068359 |
| Jul 2004 | 12856 | $3.99 \mathrm{E}+05$ |  |  |  |  |  |  |
| Aug 2004 | 12856 | $3.99 \mathrm{E}+05$ |  |  |  |  |  |  |
| Sep 2004 | 13285 | $3.99 \mathrm{E}+05$ |  |  |  |  |  |  |
| Q3 2004 |  | 1.20E+06 | 84.82\% | \$0.00 | \$27,152 | \$31,258 | \$0.049484 | \$0.056966 |
| Oct 2004 | 23761 | $7.37 E+05$ |  |  |  |  |  |  |
| Nov 2004 | 24553 | 7.37E+05 |  |  |  |  |  |  |
| Dec 2004 | 23761 | $7.37 \mathrm{E}+05$ |  |  |  |  |  |  |
| Q4 2004 |  | $2.21 E+06$ | 84.82\% | \$0.00 | \$41,819 | \$48,142 | \$0.041237 | \$0.047471 |
| Year end |  | $4.43 \mathrm{E}+06$ |  | \$43,485.17 | \$102,209 | \$117,663 |  |  |

## Projected spending

| Month |  | hits ( $\times 1000$ ) | \% + over last Q | Actual spending | Modeled budget | t figures | Moore's Law | adjustments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2005 |  |  |  |  | \$/1000 hits | Average | \$/1000 hits | Average |
| Jan 2005 | 43915 | $1.36 \mathrm{E}+06$ |  |  |  |  |  |  |
| Feb 2005 | 48620 | $1.36 \mathrm{E}+06$ |  |  |  |  |  |  |
| Mar 2005 | 43915 | $1.36 \mathrm{E}+06$ |  |  |  |  |  |  |
| Q1 2005 |  | $4.08 \mathrm{E}+06$ | 84.82\% | \$0.00 | \$64,409 | \$74,148 | \$0.034364 | \$0.039559 |
| Apr 2005 | 83869 | $2.52 \mathrm{E}+06$ |  |  |  |  |  |  |
| May 2005 | 81164 | $2.52 \mathrm{E}+06$ |  |  |  |  |  |  |
| Jun 2005 | 82577 | $2.48 \mathrm{E}+06$ |  |  |  |  |  |  |
| Q2 2005 |  | 7.51E+06 | 83.87\% | \$0.00 | \$98,092 | \$112,923 | \$0.028636 | \$0.032966 |
| Jul 2005 | 149168 | $4.62 \mathrm{E}+06$ |  |  |  |  |  |  |
| Aug 2005 | 149168 | $4.62 \mathrm{E}+06$ |  |  |  |  |  |  |
| Sep 2005 | 154140 | $4.62 \mathrm{E}+06$ |  |  |  |  |  |  |
| Q3 2005 |  | $1.39 \mathrm{E}+07$ | 84.74\% | \$0.00 | \$151,849 | \$174,808 | \$0.023864 | \$0.027472 |
| Oct 2005 | 275566 | $8.54 \mathrm{E}+06$ |  |  |  |  |  |  |
| Nov 2005 | 284752 | $8.54 \mathrm{E}+06$ |  |  |  |  |  |  |
| Dec 2005 | 292732 | $9.07 \mathrm{E}+06$ |  |  |  |  |  |  |
| Q4 2005 |  | $2.62 \mathrm{E}+07$ | 88.57\% | \$0.00 | \$244,348 | \$281,292 | \$0.019886 | \$0.022893 |
| Year end |  | $5.16 \mathrm{E}+07$ |  | \$0.00 | \$558,697 | \$643,171 |  |  |
| 2006 |  |  |  |  | \$/1000 hits A | Average |  |  |
| Jan 2006 | 520468 | $1.61 \mathrm{E}+07$ |  |  |  |  |  |  |
| Feb 2006 | 576232 | $1.61 \mathrm{E}+07$ |  |  |  |  |  |  |
| Mar 2006 | 520468 | $1.61 \mathrm{E}+07$ |  |  |  |  |  |  |
| Q1 2006 |  | 4.84E+07 | 85.03\% | \$0.00 | \$368,623 | \$424,359 | \$0.016572 | \$0.019078 |
| Apr 2006 | 995123 | $2.99 \mathrm{E}+07$ |  |  |  |  |  |  |
| May 2006 | 963022 | $2.99 \mathrm{E}+07$ |  |  |  |  |  |  |
| Jun 2006 | 995123 | $2.99 \mathrm{E}+07$ |  |  |  |  |  |  |
| Q2 2006 |  | $8.96 \mathrm{E}+07$ | 85.03\% | \$0.00 | \$568,387 | \$654,326 | \$0.013810 | \$0.015898 |
| Jul 2006 | 1781882 | $5.52 \mathrm{E}+07$ |  |  |  |  |  |  |
| Aug 2006 | 1781882 | $5.52 \mathrm{E}+07$ |  |  |  |  |  |  |
| Sep 2006 | 1841278 | $5.52 \mathrm{E}+07$ |  |  |  |  |  |  |
| Q3 2006 |  | $1.66 \mathrm{E}+08$ | 85.03\% | \$0.00 | \$876,406 | \$1,008,917 | \$0.011508 | \$0.013248 |
| Oct 2006 | 3297018 | $1.02 \mathrm{E}+08$ |  |  |  |  |  |  |
| Nov 2006 | 3406919 | $1.02 \mathrm{E}+08$ |  |  |  |  |  |  |
| Dec 2006 | 3297018 | $1.02 \mathrm{E}+08$ |  |  |  |  |  |  |
| Q4 2006 |  | 3.07E+08 | 85.03\% | \$0.00 | \$1,351,347 | \$1,555,667 | \$0.009590 | \$0.011040 |
| Year end |  | $6.10 \mathrm{E}+08$ |  | \$0.00 | \$3,164,764 | \$3,643,269 |  |  |

# Projected spending 

| Month |  | hits (x 1000) | \% + over last Q | Actual spending | Modeled budge | et figures | Moore's Law | adjustments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2007 |  |  |  |  | \$/1000 hits | Average | \$/1000 hits | Average |
| Jan 2006 | 6100478 | $1.89 \mathrm{E}+08$ |  |  |  |  |  |  |
| Feb 2006 | 6754101 | $1.89 \mathrm{E}+08$ |  |  |  |  |  |  |
| Mar 2006 | 6100478 | $1.89 \mathrm{E}+08$ |  |  |  |  |  |  |
| Q1 2006 |  | $5.67 \mathrm{E}+08$ | 85.03\% | \$0.00 | \$2,083,666 | \$2,398,712 | \$0.007992 | \$0.009200 |
| Apr 2006 | 11663982 | $3.50 \mathrm{E}+08$ |  |  |  |  |  |  |
| May 2006 | 11287724 | $3.50 \mathrm{E}+08$ |  |  |  |  |  |  |
| Jun 2006 | 11663982 | $3.50 \mathrm{E}+08$ |  |  |  |  |  |  |
| Q2 2006 |  | $1.05 \mathrm{E}+09$ | 85.03\% | \$0.00 | \$3,212,842 | \$3,698,616 | \$0.006660 | \$0.007667 |
| Jul 2006 | 20885694 | $6.47 \mathrm{E}+08$ |  |  |  |  |  |  |
| Aug 2006 | 20885694 | $6.47 \mathrm{E}+08$ |  |  |  |  |  |  |
| Sep 2006 | 21581884 | $6.47 \mathrm{E}+08$ |  |  |  |  |  |  |
| Q3 2006 |  | $1.94 \mathrm{E}+09$ | 85.03\% | \$0.00 | \$4,953,939 | \$5,702,963 | \$0.005550 | \$0.006389 |
| Oct 2006 | 38644833 | $1.20 \mathrm{E}+09$ |  |  |  |  |  |  |
| Nov 2006 | 39932995 | $1.20 \mathrm{E}+09$ |  |  |  |  |  |  |
| Dec 2006 | 38644833 | $1.20 \mathrm{E}+09$ |  |  |  |  |  |  |
| Q4 2006 |  | $3.59 \mathrm{E}+09$ | 85.03\% | \$0.00 | \$7,638,568 | \$8,793,502 | \$0.004625 | \$0.005324 |
| Year end |  | $7.15 \mathrm{E}+09$ |  | \$0.00 | \$17,889,015 | \$20,593,793 |  |  |

## Q3 2004 possibilities <br> $\begin{array}{lccccccc}\text { Growth } & 84.82 \% & 73.43 \% & 176.71 \% & \mathbf{2 0 . 0 0 \%} & \mathbf{5 0 . 0 0 \%} & \mathbf{1 0 0 . 0 0 \%}\end{array}$ $\begin{array}{lrrrrrr}\text { Growth } & \mathbf{8 4 . 8 2 \%} & \mathbf{7 3 . 4 3 \%} & \mathbf{1 7 6 . 7 1 \%} & \mathbf{2 0 . 0 0 \%} & \mathbf{5 0 . 0 0 \%} & \mathbf{1 0 0 . 0 0 \%} \\ \$ / 1000 \text { hits } & \$ 27,152.24 & \$ 23,506.27 & \$ 56,565.59 & \$ 6,402.22 & \$ 16,005.54 & \$ 32,011.09\end{array}$ 0.00\% $\$ 0.00$ $\$ 0.00$

NOTE: The 73.43\% figure is the actual growth from Q1 to Q2 and the 176.71\% figure is the actual growth from Q4 2003 to Q1 2004. The average quarter to quarter growth over the last couple years, however, is about $90 \%$. But who knows if this quarter will follow that or do something unpredictable like the last two quarters.

