

# State of the Mobile Web, June 2011

July 27, 2011

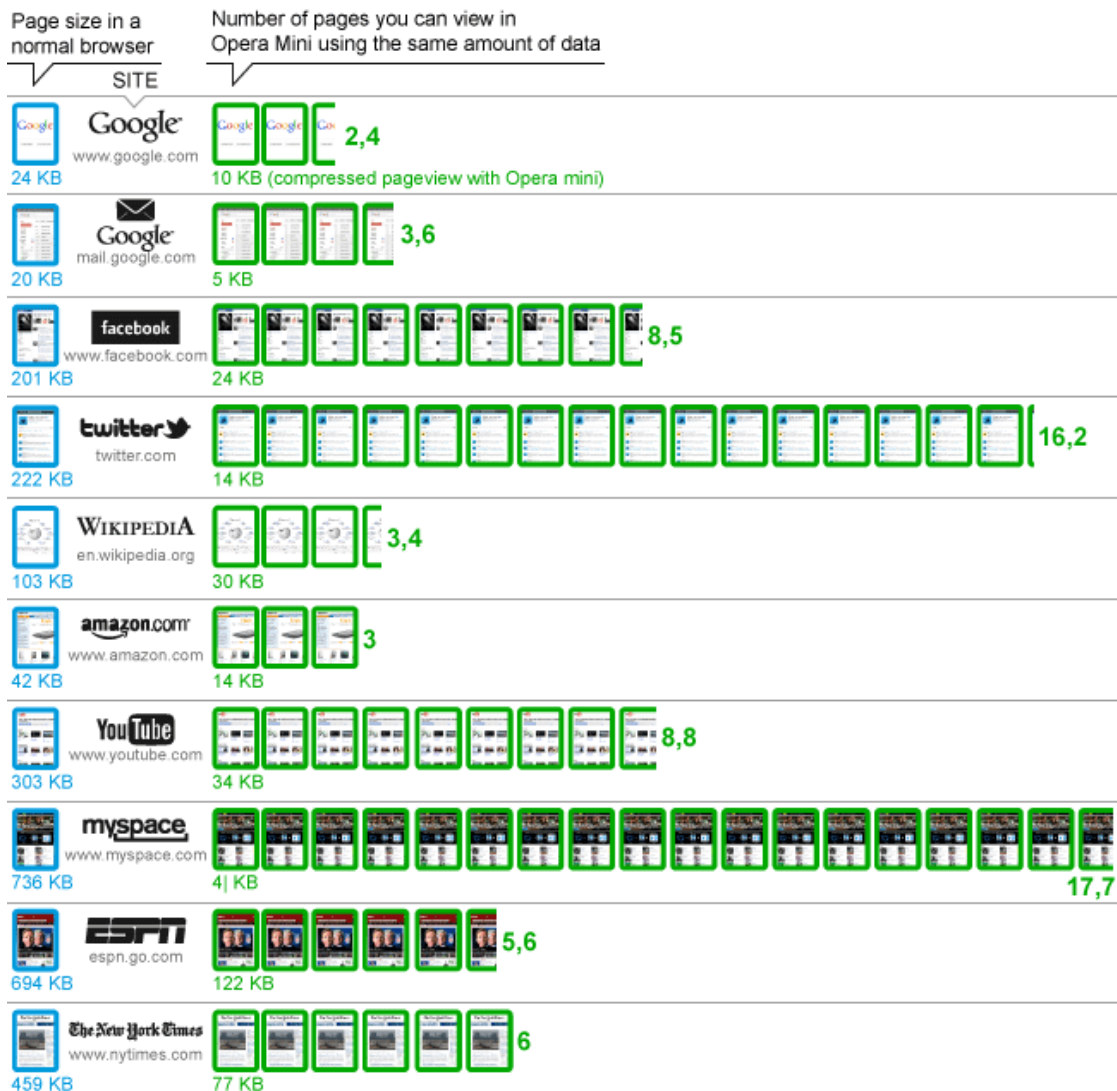
## Part 1: Special spotlight on India

It's closing time at the all-you-can-eat mobile data buffet. On July 6th, Verizon Wireless became the newest U.S. carrier to offer a tiered pricing structure for data packages.

Current mobile data subscribers with an unlimited plans can keep them. Let the good times roll. But any consumer who is just now discovering Angry Birds on their phone, it's time for proactive management. Exceeding the allotted bytes per month will result in overage charges or a drastic reduction in network speeds. Each consumer should check with their carrier to know what happens after crossing that threshold.

But just how much data does it take to visit Facebook? Is there enough room to access Wikipedia one more time during a test? One more refresh of ESPN in a boring meeting? These activities use data. Our analysis of just how much data it takes might surprise even the most savvy mobile web expert.

## Why pick a smarter browser



The graphic clearly shows the impact of proxy-based browsers like Opera Mini. For instance, ESPN.com takes up nearly 700 KB of your data plan with each view. Using the cloud to compress that before delivering it to your phone takes just over 100 KB.

Opting for mobile optimized sites also makes sense. Each page view of m.facebook.com is 27KB versus 206KB for the full site. Nice work, Facebook developers. This saves not only time — the site loads faster — but also preserves precious room on a plan. Opera Mini transforms the already-lean Facebook mobile site into an 8KB sliver of data.

Because we work with operators all over the world, we're used to seeing metered plans which, until now, have been more common outside of the U.S. Here are our top tips for managing that new data plan.

- Open the full email only if necessary. Open email attachments sparingly, if at all.
- Manage your apps' hunger for mobile data. Disable push notifications.
- Consider using a smart mini browser, like Opera Mini. These keep you from downloading too much data to your phone.
- Spotify is awesome, but use your locally-stored playlist when on the go.
- Update and download apps over WiFi.
- Consider using mobile friendly webpages. Our research shows they shave a significant amount of data that otherwise would count against your cap.
- Turn off images when nearing your cap. Most browsers make it easy. In Opera Mini, just click *Settings > Load Images*.
- Avoid HD video on YouTube when browsing on a mobile connection. Just 10 minutes of HD video per day fills a standard 2GB plan.

## Part 2: Growth

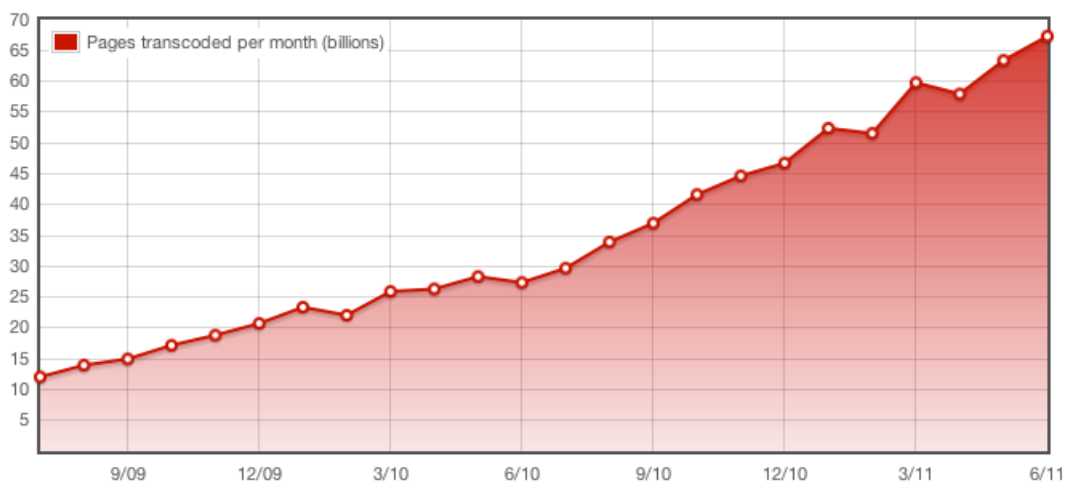
In June 2011, the Opera Mini browser saw increases in all three categories of growth: unique users, pages viewed and data consumed. In all, 115.0 million people used the Opera Mini browser in June, 67.3 billion pages were served, and 9.9 petabytes of operator data were compressed for Opera Mini users.

### Number of users

In June 2011, there were over 115.0 million Opera Mini users, a 1.4% increase from May 2011. Since June 2010, the number of unique users has increased 93.5%.

### Pages transcoded

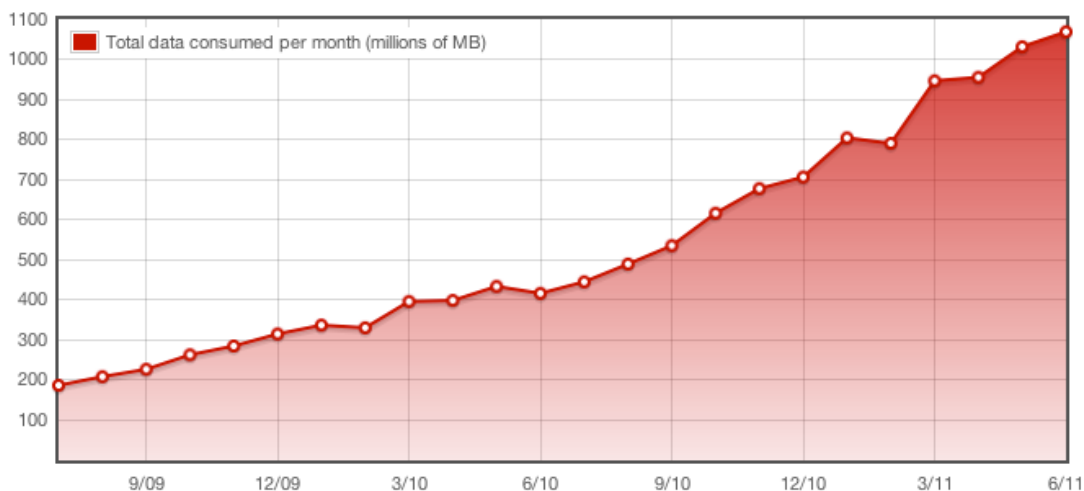
Opera Mini users viewed over 67.3 billion pages in June 2011. Since May, page views have gone up 6.2%. Since June 2010, page views have increased 146.1%.



Pages transcoded per month (billions)

### Data consumed

In June 2011, Opera Mini users generated over 1,068 million MB of data for operators worldwide. Since May, the data consumed went up by 3.6%. Data in the Opera Mini browser is compressed up to 90%. If this data were uncompressed, Opera Mini users would have viewed over 9.9 petabytes of data in June. Since June 2010, data traffic is up 156.6%.



Total data consumed per month (millions of megabytes)

## Part 3: Country snapshots for June 2011

Nigeria passed Ukraine to take the #4 spot on the top 20 countries list. South Africa, China and Turkey all went up in the ranking of top 20 countries.

### Snapshot: Russia

- Page-view growth since June 2010: 180.7 %
- Unique-user growth since June 2010: 49.9 %
- Data transfer growth since June 2010: 146.8 %
- Page views per user: 906
- Data transferred per user (MB): 15
- Data transferred per page view (KB): 17

#### Top 10 sites in Russia (unique users)

1. vkontakte.ru
2. odnoklassniki.ru
3. yandex.ru
4. google.com
5. mail.ru
6. wikipedia.org
7. spaces.ru
8. tegos.ru
9. my.opera.com
10. youtube.com

#### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 6300
3. Nokia 5130 XpressMusic
4. Samsung GT-S5230
5. Sony Ericsson W800
6. Nokia X2
7. Nokia 6303i classic
8. Nokia 6700c
9. Samsung S5230
10. Nokia N73

### Snapshot: Indonesia

- Page-view growth since June 2010: 22.0 %
- Unique-user growth since June 2010: 41.6 %
- Data transfer growth since June 2010: 50.0 %
- Page views per user: 546
- Data transferred per user (MB): 6
- Data transferred per page view (KB): 11

#### Top 10 sites in Indonesia (unique users)

1. facebook.com
2. google.com
3. youtube.com
4. detik.com
5. twitter.com
6. yahoo.com
7. waptrick.com (8)
8. 4shared.com (9)
9. wikipedia.org (back on the list)
10. kaskus.us (back on the list)

#### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia C3
3. Nokia 2730c
4. Nokia 2700c
5. Nokia 2330c
6. Nokia 6300
7. Nokia E63
8. Nokia X2.01
9. Nokia N70
10. Nokia X2

## Snapshot: India

- Page-view growth since June 2010: 242.8 %
- Unique-user growth since June 2010: 181.8 %
- Data transfer growth since June 2010: 183.9 %
- Page views per user: 484
- Data transferred per user (MB): 8
- Data transferred per page view (KB): 16

### Top 10 sites in India (unique users)

1. google.com
2. facebook.com
3. youtube.com
4. wikipedia.org (7)
5. vuclip.com (4)
6. filestube.com (10)
7. zedge.net (8)
8. getjar.com (9)
9. mobile2day.com (6)
10. my.opera.com (back on the list)

### Top handsets for June 2011

1. Nokia 2690
2. Nokia 5130 XpressMusic
3. Nokia 2700c
4. Nokia X2.01
5. Nokia X2
6. Nokia 2730c
7. Nokia C1
8. Nokia C2
9. Nokia 5233
10. Nokia 3110c

## Snapshot: Nigeria

- Page-view growth since June 2010: 464.5 %
- Unique-user growth since June 2010: 436.5 %
- Data transfer growth since June 2010: 424.9 %
- Page views per user: 338
- Data transferred per user (MB): 4
- Data transferred per page view (KB): 13

### Top 10 sites in Nigeria (unique users)

1. facebook.com
2. google.com
3. yahoo.com
4. vanguardngr.com (5)
5. bbc.co.uk (4)
6. goal.com (7)
7. wikipedia.org (6)
8. my.opera.com (9)
9. jamb.org.ng (new)
10. youtube.com

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia X2.01
4. Nokia 2690
5. Nokia 3110c
6. Nokia C1
7. Nokia N72
8. Nokia 2330c
9. Nokia C3
10. Nokia 2600c

## Snapshot: Ukraine

- Page-view growth since June 2010: 214.8 %
- Unique-user growth since June 2010: 125.4 %
- Data transfer growth since June 2010: 261.1 %
- Page views per user: 961
- Data transferred per user (MB): 21
- Data transferred per page view (KB): 22

### Top 10 sites in Ukraine (unique users)

1. vkontakte.ru
2. google.com
3. yandex.ru
4. odnoklassniki.ru (5)
5. spaces.ru (4)
6. wikipedia.org (7)
7. mail.ru (6)
8. my.opera.com
9. sasisa.ru
10. youtube.com

### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia 6300
3. Nokia 2700c
4. Nokia X2
5. Samsung GT-S5230
6. Nokia 6303i classic
7. Nokia 6233
8. Nokia N73
9. Nokia X3
10. Samsung C3050

## Snapshot: Vietnam

- Page-view growth since June 2010: 260.4 %
- Unique-user growth since June 2010: 168.9 %
- Data transfer growth since June 2010: 178.5 %
- Page views per user: 282
- Data transferred per user (MB): 6
- Data transferred per page view (KB): 22

### Top 10 sites in Vietnam (unique users)

1. google.com
2. dantri.com.vn
3. youtube.com
4. vnexpress.net
5. 24h.com.vn
6. vietbao.vn (8)
7. zing.vn (6)
8. my.opera.com (7)
9. vatgia.com (10)
10. yahoo.com (9)

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia 2730c
4. Nokia 2690
5. Nokia 6300
6. Nokia C3
7. Nokia X2
8. Nokia X2.01
9. Nokia 3110c
10. Apple iPhone

## Snapshot: South Africa

- Page-view growth since June 2010: 92.7 %
- Unique-user growth since June 2010: 67.7 %
- Data transfer growth since June 2010: 87.3 %
- Page views per user: 454
- Data transferred per user (MB): 5
- Data transferred per page view (KB): 12

### Top 10 sites in South Africa (unique users)

1. facebook.com
2. google.com
3. mxit.com (back on the list)
4. wikipedia.org (3)
5. youtube.com (4)
6. zamob.com
7. my.opera.com (8)
8. twitter.com (9)
9. dictionary.com (5)
10. news24.com (7)

### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia 2700c
3. Nokia 2330c
4. Nokia C3
5. Samsung SGH-E250i
6. Samsung GT-S5233a
7. Nokia 2690
8. Nokia 2710c
9. Nokia X2
10. Samsung SGH-E250

## Snapshot: China

- Page-view growth since June 2010: 21.4 %
- Unique-user growth since June 2010: 9.5 %
- Data transfer growth since June 2010: 48.8 %
- Page views per user: 250
- Data transferred per user (MB): 4
- Data transferred per page view (KB): 15

### Top 10 sites in China (unique users)

1. baidu.com
2. kaiqi.com
3. google.com
4. 163.com (6)
5. taobao.com (4)
6. qq.com (5)
7. sina.com.cn
8. 17sy.com (9)
9. tadu.com (10)
10. baoruan.com (new)

### Top handsets for June 2011

1. Nokia 5130
2. Nokia 2700c
3. Nokia 5000
4. Nokia 2690
5. Nokia 220s
6. Nokia 3208c
7. Nokia 7100
8. Nokia 2730c
9. Nokia X3
10. Sony Ericsson W800

## Snapshot: Mexico

- Page-view growth since June 2010: 3520.4 %
- Unique-user growth since June 2010: 1142.4 %
- Data transfer growth since June 2010: 1835.3 %
- Page views per user: 515
- Data transferred per user (MB): 6
- Data transferred per page view (KB): 13

### Top 10 sites in Mexico (unique users)

1. google.com (2)
2. facebook.com (1)
3. youtube.com (4)
4. live.com
5. taringa.net
6. wikipedia.org (7)
7. my.opera.com (6)
8. mercadolibre.com.mx
9. eluniversal.com.mx
10. ebuddy.com

### Top handsets for June 2011

1. Nokia C3
2. Nokia 5130 XpressMusic
3. Alcatel OT-800
4. Samsung GT-5233t
5. Alcatel OT-802a
6. Nokia X3
7. Nokia 5530c
8. LG KP570
9. Samsung GT-5560
10. Sony Ericsson W580i

## Snapshot: Brazil

- Page-view growth since June 2010: 1086.3 %
- Unique-user growth since June 2010: 504.8 %
- Data transfer growth since June 2010: 975.0 %
- Page views per user: 314
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 22

### Top 10 sites in the Brazil (unique users)

1. google.com
2. orkut.com
3. facebook.com (8)
4. youtube.com
5. live.com (3)
6. twitter.com (7)
7. globo.com (6)
8. msn.com
9. 4shared.com
10. yahoo.com (new)

### Top handsets for June 2011

1. Nokia C3
2. Nokia 220s
3. Sony Ericsson W800
4. Nokia 5130 XpressMusic
5. Nokia 7020
6. Nokia 2690
7. Nokia X2.01
8. Nokia X2
9. Samsung GT-S3650
10. LG GT360



## Snapshot: United States

- Page-view growth since June 2010: 94.1 %
- Unique-user growth since June 2010: 4.8 %
- Data transfer growth since June 2010: 81.1 %
- Page views per user: 510
- Data transferred per user (MB): 12
- Data transferred per page view (KB): 23

### Top 10 sites in United States (unique users)

1. google.com
2. facebook.com
3. youtube.com
4. wikipedia.org
5. my.opera.com
6. yahoo.com
7. amazon.com
8. accuweather.com
9. twitter.com
10. espn.go.com

### Top handsets for June 2011

1. LG VM265
2. Apple iPhone
3. LG VM510
4. BlackBerry 8520 "Curve"
5. BlackBerry 9700 "Bold"
6. HTC EVO 4G
7. Alcatel OT-800
8. BlackBerry 8530 "Curve"
9. Nokia 5130 XpressMusic
10. BlackBerry 9300 "Curve"

## Snapshot: Belarus

- Page-view growth since June 2010: 369.8 %
- Unique-user growth since June 2010: 168.7 %
- Data transfer growth since June 2010: 515.5 %
- Page views per user: 1,156
- Data transferred per user (MB): 29
- Data transferred per page view (KB): 25

### Top 10 sites in Belarus (unique users)

1. vkontakte.ru
2. yandex.ru
3. odnoklassniki.ru
4. google.com
5. tut.by (6)
6. mail.ru (5)
7. wikipedia.org
8. spaces.ru (9)
9. my.opera.com (8)
10. zaycev.net

### Top handsets for June 2011

1. Sony Ericsson W800
2. Nokia 5130 XpressMusic
3. Nokia 6300
4. Nokia 2700c
5. Samsung GT-S5230
6. Samsung GT-S3650
7. Sony Ericsson K750i
8. Nokia 6233
9. LG KP500
10. Nokia 6303i Classic

## Snapshot: Kazakhstan

- Page-view growth since June 2010: 188.8 %
- Unique-user growth since June 2010: 167.2 %
- Data transfer growth since June 2010: 241.1 %
- Page views per user: 390
- Data transferred per user (MB): 6
- Data transferred per page view (KB): 15

### Top 10 sites in Kazakhstan (unique users)

1. mail.ru
2. google.com
3. vkontakte.ru
4. yandex.ru
5. pux.su (10)
6. odnoklassniki.ru (5)
7. my.opera.com (6)
8. tegos.ru (7)
9. youtube.com
10. wikipedia.org (8)

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia 6300
4. Nokia X2
5. Nokia 6303i classic
6. Nokia 6700c
7. Nokia 6303c
8. Nokia 5310 XpressMusic
9. Nokia 2690
10. Nokia 2730c

## Snapshot: Egypt

- Page-view growth since June 2010: 509.9 %
- Unique-user growth since June 2010: 253.7 %
- Data transfer growth since June 2010: 343.1 %
- Page views per user: 536
- Data transferred per user (MB): 8
- Data transferred per page view (KB): 16

### Top 10 sites in Egypt (unique users)

1. google.com
2. facebook.com
3. youtube.com
4. e-okul.meb.gov.tr
5. milliyet.com.tr
6. bing.com (new)
7. resimmelodi.com (6)
8. izlesene.com (new)
9. my.opera.com (8)
10. wikipedia.org (back on the list)

### Top handsets for June 2011

1. Nokia C3
2. Nokia 5130 XpressMusic
3. Nokia 2700c
4. Nokia 2730c
5. Nokia X2
6. Nokia 6300
7. Nokia 2330c
8. Nokia 2690
9. Nokia 6303i classic
10. Nokia 5800d

## Snapshot: Bangladesh

- Page-view growth since June 2010: 199.6 %
- Unique-user growth since June 2010: 161.7 %
- Data transfer growth since June 2010: 196.4 %
- Page views per user: 582
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 12

### Top 10 sites in Bangladesh (unique users)

1. facebook.com
2. google.com
3. youtube.com
4. waptrick.com (6)
5. getjar.com (4)
6. yahoo.com (7)
7. wikipedia.org (9)
8. my.opera.com (10)
9. espncricinfo.com (5)
10. filestube.com (new)

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia 2690
4. Nokia 3110c
5. Nokia X2
6. Nokia 6300
7. Nokia N70
8. Nokia 2730c
9. Nokia N73
10. Nokia 6120c

## Snapshot: Egypt

- Page-view growth since June 2010: 157.4 %
- Unique-user growth since June 2010: 120.6 %
- Data transfer growth since June 2010: 126.9 %
- Page views per user: 394
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 17

### Top 10 sites in Egypt (unique users)

1. google.com
2. facebook.com
3. youtube.com
4. yahoo.com
5. bbc.co.uk
6. 100fm6.com (back on the list)
7. my.opera.com (6)
8. mobile2day.com (7)
9. as7apcool.com (10)
10. youm7.com (8)

### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia 2700c
3. Nokia 2690
4. Nokia N70
5. Nokia N73
6. Nokia 2730c
7. Nokia 2330c
8. Nokia 6120c
9. Nokia C3
10. Nokia 6300

## Snapshot: United Kingdom

- Page-view growth since June 2010: 64.4 %
- Unique-user growth since June 2010: 24.7 %
- Data transfer growth since June 2010: 74.1 %
- Page views per user: 403
- Data transferred per user (MB): 9
- Data transferred per page view (KB): 22

### Top 10 sites in the United Kingdom (unique users)

1. google.com
2. facebook.com
3. bbc.co.uk
4. youtube.com
5. wikipedia.org
6. live.com
7. my.opera.com
8. yahoo.com (9)
9. twitter.com (8)
10. bing.com

### Top handsets for June 2011

1. Nokia C3
2. BlackBerry 8520 "Curve"
3. Nokia 2330c
4. Alcatel OT-800
5. BlackBerry 9700 "Bold"
6. BlackBerry 9300 "Curve"
7. Apple iPhone
8. Nokia 6700c
9. Nokia 2730c
10. Nokia X2

## Snapshot: Kenya

- Page-view growth since June 2010: 41.3 %
- Unique-user growth since June 2010: 73.0 %
- Data transfer growth since June 2010: 91.4 %
- Page views per user: 522
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 14

### Top 10 sites in Kenya (unique users)

1. facebook.com
2. google.com
3. wikipedia.org
4. youtube.com
5. yahoo.com
6. nation.co.ke
7. waptrick.com
8. twitter (10)
9. dictionary.com
10. my.opera.com (back on the list)

### Top handsets for June 2011

1. Nokia 2330c
2. Nokia 5130 XpressMusic
3. Nokia 2700c
4. Nokia 2690
5. Nokia 1680c
6. Nokia 2730c
7. Nokia C3
8. Alcatel OT-606
9. Nokia 2680s
10. Nokia 220s

## Snapshot: Philippines

- Page-view growth since June 2010: 103.6 %
- Unique-user growth since June 2010: 126.1 %
- Data transfer growth since June 2010: 92.7 %
- Page views per user: 546
- Data transferred per user (MB): 8
- Data transferred per page view (KB): 15

### Top 10 sites in Philippines (unique users)

1. facebook.com
2. google.com
3. youtube.com
4. yahoo.com
5. wikipedia.com (7)
6. twitter.com
7. friendster.com (5)
8. symbianize.com
9. zedge.net
10. 4shared.com

### Top handsets for June 2011

1. Nokia C3
2. Nokia 5130 XpressMusic
3. Nokia N70
4. Nokia 2700c
5. Nokia 2330c
6. Nokia 2730c
7. Maui E800
8. Nokia 2690
9. Nokia N73
10. Nokia X2.01

## Snapshot: Poland

- Page-view growth since June 2010: 151.2 %
- Unique-user growth since June 2010: 54.9 %
- Data transfer growth since June 2010: 124.0 %
- Page views per user: 321
- Data transferred per user (MB): 10
- Data transferred per page view (KB): 32

### Top 10 sites in the Poland (unique users)

1. google.com
2. nk.pl
3. facebook.com
4. wp.pl
5. youtube.com (6)
6. wikipedia.org (5)
7. onet.pl
8. allegro.pl
9. chomikuj.pl (10)
10. zapytaj.com (9)

### Top handsets for June 2011

1. Nokia C3
2. Nokia 5130 XpressMusic
3. Nokia 2700c
4. Nokia X2
5. Nokia 6300
6. Nokia X3
7. Samsung GT-S5620
8. Sony Ericsson K800i
9. Samsung GT-S5230
10. Sony Ericsson K550i

## Part 4: Spotlight on Africa

### Highlights

- The top 10 countries using the Opera Mini browser in this region are Nigeria, South Africa, Kenya, Ghana, Sudan, Zimbabwe, Tanzania, Ethiopia, Zambia and Morocco.
- Some numbers: From June 2010 to June 2011, page views in the top 10 countries of Africa increased by 187%, unique users increased by 184% and data transferred increased by 199%.
- Growth rates in Africa: Zimbabwe and Morocco lead the top 10 countries of the region in terms of page-view growth (4964.8 % and 1598.4 %, respectively). Zimbabwe and Ethiopia lead the top 10 countries of the region in growth of unique users (4483.3 % and 989.5 %, respectively). Zimbabwe and Morocco lead the top 10 countries of the region in growth of data transferred (3449.7 % and 1385.9 %, respectively). Zimbabwe leads the top 10 countries of the region in page views per user, with each user browsing 713 pages on average each month.
- Among the countries of Africa, the most popular sites include Facebook, Google, YouTube, Yahoo and Wikipedia.
- We looked at the top 10 handsets used in each of the top 10 African countries. Out of the 100 total handsets listed, 89 of them were Nokia, 7 of them were Samsung, 1 was a Sony Ericsson, 1 was an Alcatel, 1 was an Apple and 1 was an LG.

## Snapshot: Nigeria

- Page-view growth since June 2010: 464.5 %
- Unique-user growth since June 2010: 436.5 %
- Data transfer growth since June 2010: 424.9 %
- Page views per user: 338
- Data transferred per user (MB): 4
- Data transferred per page view (KB): 13

### Top 10 sites in Nigeria (unique users)

1. facebook.com
2. google.com
3. yahoo.com
4. vanguardngr.com
5. bbc.co.uk
6. goal.com
7. wikipedia.org
8. my.opera.com
9. jamb.org.ng
10. youtube.com

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia X2.01
4. Nokia 2690
5. Nokia 3110c
6. Nokia C1
7. Nokia N72
8. Nokia 2330c
9. Nokia C3
10. Nokia 2600c

## Snapshot: South Africa

- Page-view growth since June 2010: 92.7 %
- Unique-user growth since June 2010: 67.7 %
- Data transfer growth since June 2010: 87.3 %
- Page views per user: 454
- Data transferred per user (MB): 5
- Data transferred per page view (KB): 12

### Top 10 sites in South Africa (unique users)

1. facebook.com
2. google.com
3. mxit.com
4. wikipedia.org
5. youtube.com
6. zamob.com
7. my.opera.com
8. twitter.com
9. dictionary.com
10. news24.com

### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia 2700c
3. Nokia 2330c
4. Nokia C3
5. Samsung SGH-E250i
6. Samsung GT-S5233a
7. Nokia 2690
8. Nokia 2710c
9. Nokia X2
10. Samsung SGH-E250

## Snapshot: Kenya

- Page-view growth since June 2010: 41.3 %
- Unique-user growth since June 2010: 73.0 %
- Data transfer growth since June 2010: 91.4 %
- Page views per user: 522
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 14

### Top 10 sites in Kenya (unique users)

1. facebook.com
2. google.com
3. wikipedia.org
4. youtube.com
5. yahoo.com
6. nation.co.ke
7. waptrick.com
8. twitter.com
9. dictionary.com
10. my.opera.com

### Top handsets for June 2011

1. Nokia 2330c
2. Nokia 5130 XpressMusic
3. Nokia 2700c
4. Nokia 2690
5. Nokia 1680c
6. Nokia 2730c
7. Nokia C3
8. Alcatel OT-606
9. Nokia 2680s
10. Nokia 220s

## Snapshot: Ghana

- Page-view growth since June 2010: 211.4 %
- Unique-user growth since June 2010: 199.6 %
- Data transfer growth since June 2010: 251.5 %
- Page views per user: 509
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 13

### Top 10 sites in Ghana (unique users)

1. facebook.com
2. google.com
3. yahoo.com
4. wikipedia.org
5. youtube.com
6. waptrick.com
7. goal.com
8. my.opera.com
9. myjoyonline.com
10. dictionary.com

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 2330c
3. Nokia N72
4. Nokia 5130 XpressMusic
5. Sony Ericsson K750i
6. Nokia C3
7. Nokia 2680s
8. Nokia 6300
9. Nokia 200s
10. Nokia 2600c



## Snapshot: Sudan

- Page-view growth since June 2010: 343.2 %
- Unique-user growth since June 2010: 294.0 %
- Data transfer growth since June 2010: 220.7 %
- Page views per user: 567
- Data transferred per user (MB): 8
- Data transferred per page view (KB): 14

### Top 10 sites in Sudan (unique users)

1. google.com
2. facebook.com
3. youtube.com
4. tubidy.mobi
5. bbc.co.uk
6. my.opera.com
7. getjar.com
8. nimbuzz.com
9. live.com
10. mugrn.net

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia N70
4. Nokia 6300
5. Nokia 2330c
6. Nokia 6120c
7. Nokia 2690
8. Nokia N73
9. Nokia 6630
10. Nokia 6233

## Snapshot: Zimbabwe

- Page-view growth since June 2010: 4964.8 %
- Unique-user growth since June 2010: 4483.3 %
- Data transfer growth since June 2010: 3449.7 %
- Page views per user: 713
- Data transferred per user (MB): 7
- Data transferred per page view (KB): 10

### Top 10 sites in Zimbabwe (unique users)

1. facebook.com
2. google.com
3. wikipedia.com
4. youtube.com
5. yahoo.com
6. bbc.co.uk
7. my.opera.com
8. herald.co.zw
9. twitter.com
10. cnmobile.com

### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia 2700c
3. Nokia 2330c
4. Samsung SGH-E250
5. Samsung SGH-E250i
6. Nokia 2730c
7. Nokia 2690
8. Nokia 6300
9. Nokia C3
10. LG KS360

## Snapshot: Tanzania

- Page-view growth since June 2010: 448.4 %
- Unique-user growth since June 2010: 194.6 %
- Data transfer growth since June 2010: 455.4 %
- Page views per user: 672
- Data transferred per user (MB): 8
- Data transferred per page view (KB): 12

### Top 10 sites in Tanzania (unique users)

1. facebook.com
2. google.com
3. yahoo.com
4. wikipedia.com
5. youtube.com
6. bbc.co.uk
7. waptrick.com
8. my.opera.com
9. dictionary.com
10. twitter.com

### Top handsets for June 2011

1. Nokia 5130 XpressMusic
2. Nokia 2700c
3. Nokia 2330c
4. Nokia 2690
5. Nokia 2730c
6. Nokia 6300
7. Nokia 2680
8. Nokia 3110c
9. Nokia 2600c
10. Nokia C3

## Snapshot: Ethiopia

- Page-view growth since June 2010: 1042.2 %
- Unique-user growth since June 2010: 989.5 %
- Data transfer growth since June 2010: 888.8 %
- Page views per user: 418
- Data transferred per user (MB): 8
- Data transferred per page view (KB): 19

### Top 10 sites in Ethiopia (unique users)

1. google.com
2. facebook.com
3. yahoo.com
4. youtube.com
5. bbc.co.uk
6. wikipedia.com
7. my.opera.com
8. getjar.com
9. wapdam.com
10. dictionary.com

### Top handsets for June 2011

1. Nokia 2700c
2. Nokia 5130 XpressMusic
3. Nokia 6300
4. Nokia 2690
5. Nokia 3110c
6. Nokia 2330c
7. Nokia 6303i Classic
8. Nokia N70
9. Apple iPhone
10. Nokia C3

## Snapshot: Zambia

- Page-view growth since June 2010: 522.7 %
- Unique-user growth since June 2010: 539.5 %
- Data transfer growth since June 2010: 615.5 %
- Page views per user: 515
- Data transferred per user (MB): 6
- Data transferred per page view (KB): 11

### Top 10 sites in Zambia (unique users)

1. facebook.com
2. google.com
3. bbc.co.uk
4. wikipedia.com
5. yahoo.com
6. youtube.com
7. my.opera.com
8. waptrick.com
9. twitter.com
10. dictionary.com

### Top handsets for June 2011

1. Samsung SGH-E250
2. Nokia 2330c
3. Nokia 5130 XpressMusic
4. Nokia 2700c
5. Nokia 2630
6. Nokia 6300
7. Samsung SGH-E250i
8. Nokia 2690
9. Nokia 2680s
10. Nokia N70

## Snapshot: Morocco

- Page-view growth since June 2010: 1598.4 %
- Unique-user growth since June 2010: 786.5 %
- Data transfer growth since June 2010: 1385.9 %
- Page views per user: 427
- Data transferred per user (MB): 9
- Data transferred per page view (KB): 23

### Top 10 sites in Morocco (unique users)

1. google.com
2. facebook.com
3. youtube.com
4. live.com
5. kooora.com
6. hespress.com
7. my.opera.com
8. wikipedia.org
9. ebuddy.com
10. startimes.com

### Top handsets for June 2011

1. Nokia C3
2. Nokia 5130 XpressMusic
3. Nokia 6303i Classic
4. Nokia X2
5. Nokia 2710c
6. Nokia 2700c
7. Nokia 2730c
8. Nokia N73
9. Nokia N70
10. Nokia 6300