

Emerging Nations Embrace Internet, Mobile Technology

*Cell Phones Nearly Ubiquitous in
Many Countries*

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Pew Research Center's Global Attitudes Project

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Emerging Nations Embrace Internet, Mobile Technology

Cell Phones Nearly Ubiquitous in Many Countries

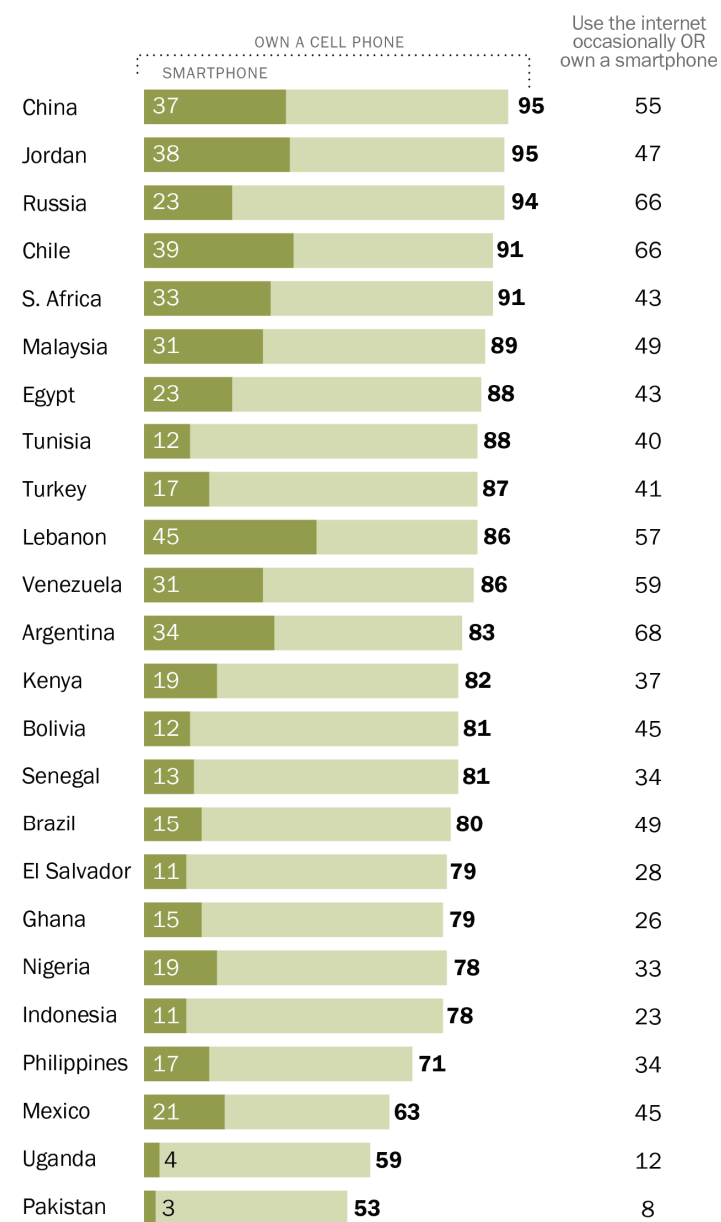
In a remarkably short period of time, internet and mobile technology have become a part of everyday life for some in the emerging and developing world. Cell phones, in particular, are almost omnipresent in many nations. The internet has also made tremendous inroads, although most people in the 24 nations surveyed are still offline.

Meanwhile, smartphones are still relatively rare, although significant minorities own these devices in countries such as Lebanon, Chile, Jordan and China.

People around the world are using their cell phones for a variety of purposes, especially for texting and taking pictures, while smaller numbers also use their phones to get political, consumer and health information. Mobile technology is also changing economic life in parts of Africa, where many are using cell phones to make or receive payments.

Cell Phone, Smartphone Ownership and Internet Access

% who ...



Source: Spring 2013 Global Attitudes survey. Q66-Q68.

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While the internet still has a limited reach in the emerging and developing world, once people do gain access to the internet, they quickly begin to integrate it into their lives. A significant number of people in these nations say they use the internet on a daily basis, including roughly half of those polled in Lebanon, Russia and Argentina. At least 20% use the internet daily in 15 of the 24 nations surveyed.

In 21 of 24 nations, a majority of internet users also participate in sites like Facebook and Twitter (see [here](#) for a country by country list of social networking sites).¹

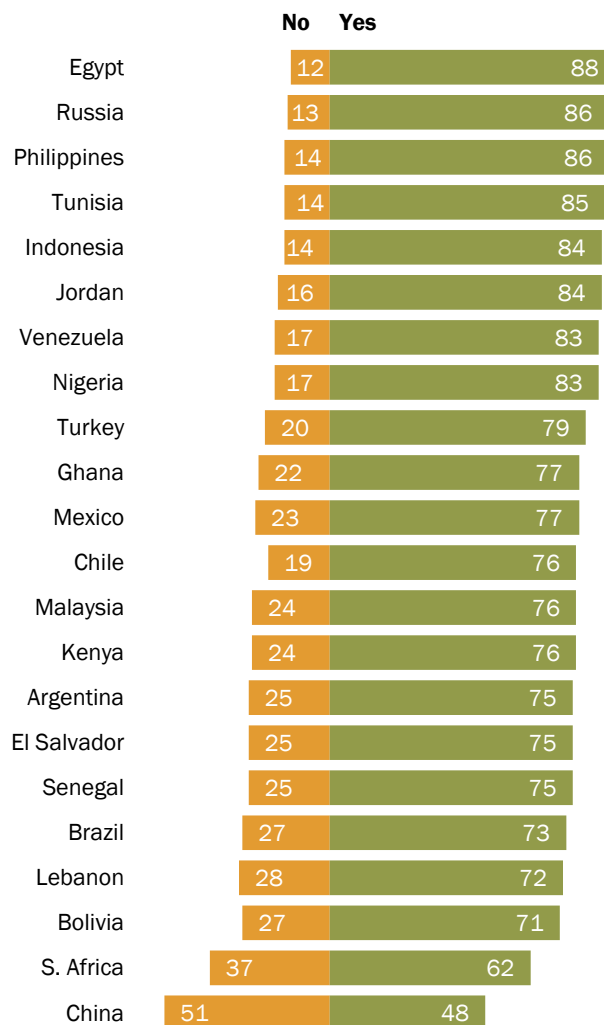
People are using social networking sites to stay in touch with family and friends and to share their views on an array of topics, including popular culture, religion and politics.

These are among the main findings of a Pew Research Center survey conducted among 24,263 people in 24 emerging and developing economies from March 2, 2013 to May 1, 2013. All interviews were conducted face-to-face.

The survey also finds that using the internet – like many other forms of communication technology – is significantly more common among young people (see [here](#) for data on age differences for several key technology usage questions). In 14 of 24 nations, at least half of 18-29 year-olds say they are online. Internet use is also correlated with national income, as richer nations tend to have a higher percentage of internet users.

Once People Are Online, They Engage in Social Networking

*% of internet users who use social networking sites**



* Based on those who say they use the internet (Q66) or own a smartphone (Q68). Pakistan and Uganda not shown due to insufficient sample size.

Source: Spring 2013 Global Attitudes survey. Q72.

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¹ 73% of internet users in the United States use social networking sites, according to a July-September, 2013 Pew Research Center survey. For more on internet and mobile technology usage in the U.S., see www.pewinternet.org.

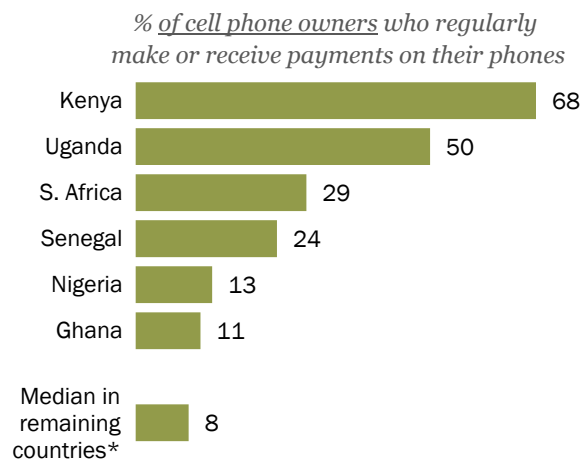
Similarly, smartphone ownership is more common in countries with higher levels of per capita income. Traditional cell phones still outnumber smartphones, although roughly three-in-ten or more Lebanese, Chileans, Jordanians, Chinese, Argentines, South Africans, Malaysians and Venezuelans now own a smartphone.

People use their cell phones for many things, but texting is especially popular. In 22 of 24 countries, most cell phone owners send text messages. Mobile phones are also widely used for taking pictures or video – at least half of cell phone owners use their devices for this in 15 nations.

While making or receiving payments is one of the least common cell phone activities, it is much more common in the region where mobile money [is a phenomenon](#) – Africa, and more specifically, Kenya and its neighbor Uganda. Nearly seven-in-ten Kenyans (68%) who own a cell phone say they regularly use their mobile device to make or receive payments. Half in Uganda say this as well. Meanwhile, even though only 29% of mobile owners in South Africa and 24% in Senegal say they use their phones for monetary transactions, these are still among the highest percentages across all the countries surveyed. Only in Russia (24%) do as many cell owners use their device for such purposes. In the 18 countries surveyed outside of sub-Saharan Africa, a median of only 8% use their cell phones for making and receiving payments.

Mobile Payments Popular in Africa

% yes



* Median percentages based on 18 non-sub Saharan African countries.

Source: Spring 2013 Global Attitudes survey. Q76g.

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Cell Phone and Smartphone Ownership

More than half of the population in each of the nations surveyed say they own a cell phone. Roughly nine-in-ten or more own mobile phones in Jordan (95%), China (95%), Russia (94%), Chile (91%) and South Africa (91%).

Cell phone ownership rates have skyrocketed in the last decade in most of the nations where data on trends is available. The pervasiveness of cell phone ownership in these nations is in part due to a lack of landline connections. Across the 24 countries, a median of only 23% say they have a

working landline telephone in their house, including as few as 1% in Ghana and Kenya. Instead, many emerging and developing nations have skipped landlines and moved straight to mobile technology.

Smartphone ownership pales by contrast – there is no country in the study where even half of the population owns a smartphone. Still, this relatively new technology is gaining a foothold in many emerging and developing nations. At least 20% have a smartphone in 11 countries.

In every country polled, there is a significant [age gap](#) on smartphone ownership, with people under age 30 much more likely than others to own an iPhone, BlackBerry, or Android device. For instance, 69% of 18- 29 year-olds in China have a smartphone, as do half or more in Lebanon (62%), Chile (55%), Jordan (53%) and Argentina (50%).

Education is also associated with smartphone ownership. In 10 nations, those with a college degree are significantly more likely to own a smartphone than are those who have not graduated from college. This is especially true in the Middle East – in Egypt, for example, 72% of college graduates have a smartphone, compared with only 13% of Egyptians without a college degree. A huge gap is also found in China, where 83% of college graduates say they own a smartphone, while just 37% of those without a college degree say the same.

Texting Most Popular Use of Cell Phones

Cell phone owners describe a wide variety of uses for their devices. Large majorities in most countries say that they regularly send text messages. Overall, a median of 78% of mobile phone users across the 24 countries send texts, making it the most popular cell phone activity (other than making calls) included on the survey.

Taking pictures and video is also a popular activity among cell phone owners, with a median of 54% saying they do this regularly. Compared with text messaging, though, there are a wider variety of responses to this question across the countries. Cell phone owners in Latin America generally are more likely than those in other countries to use mobile phones for this purpose. For instance, two-thirds or more of cell phone owners in Venezuela (77%) and Chile (67%) say they regularly snap pictures or shoot video with their phones. But less than four-in-ten mobile owners in Tunisia (36%), Lebanon (35%), Uganda (27%) and Pakistan (19%) say the same.

A median of only one-in-four cell phone users across the countries surveyed say they access a social networking site regularly on their phone, although a third or more do so in Chile (37%), Venezuela (37%), Lebanon (36%) and Nigeria (34%). This is less popular elsewhere, with as little

as 3% in Pakistan and 10% of cell phone owners in Uganda saying they regularly use social networking sites (SNS) on their mobile device such as Facebook, Twitter, and other country-specific examples (see [here](#) for full list). Generally, this activity is more popular in Latin America and the Middle East than in Asia and Africa.

Texting and Taking Pictures/Video Most Common Activities with Cell Phone

% yes

	% Saying they own a cell phone	% of cell phone owners who regularly...						
		Send text messages	Take pictures/video	Access a SNS	Get political news	Get consumer info	Get health info	Make or receive payments
	%	%	%	%	%	%	%	%
Russia	94	78	58	31	16	28	15	24
Jordan	95	71	48	28	13	15	9	5
Egypt	88	77	64	26	23	9	23	6
Tunisia	88	62	36	15	7	5	6	3
Turkey	87	60	41	19	10	8	10	4
Lebanon	86	89	35	36	24	16	6	4
China	95	80	64	20	31	16	15	10
Malaysia	89	89	51	27	22	16	15	11
Indonesia	78	96	46	23	12	15	14	4
Philippines	71	99	54	17	11	13	15	11
Pakistan	53	38	19	3	9	5	20	9
Chile	91	75	67	37	12	25	24	11
Venezuela	86	94	77	37	39	29	30	18
Argentina	83	93	61	32	16	17	14	9
Bolivia	81	70	53	17	11	9	11	3
Brazil	80	70	64	19	12	14	13	5
El Salvador	79	47	44	18	10	13	13	5
Mexico	63	82	62	30	24	17	18	11
S. Africa	91	94	65	31	19	23	22	29
Kenya	82	91	48	28	27	11	13	68
Senegal	81	75	59	13	23	16	17	24
Ghana	79	58	51	19	19	9	10	11
Nigeria	78	92	60	34	29	23	28	13
Uganda	59	62	27	10	23	16	17	50
MEDIAN	83	78	54	25	18	16	15	11

Source: Spring 2013 Global Attitudes survey. Q67 & Q76a-g.

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Other activities that are less popular across regions include getting political news and information (a median of 16%), getting consumer information such as the prices and availability of products

(16%), getting information about health and medicine (15%) and making or receiving payments (11%).

However, there are certain countries and regions where using cell phones to get political and other information is more widespread. For instance, getting political news and information is relatively popular among cell phone owners in Venezuela (39%) and China (31%).

Getting consumer information, such as prices or availability of products, is not a very common activity among cell phone owners in any of the countries surveyed. Still, a quarter or more in Venezuela (29%), Russia (28%) and Chile (25%) say they do this regularly. Similar numbers of mobile users in Venezuela (30%) and Nigeria (28%) say they get information about health and medicine for themselves or their family.

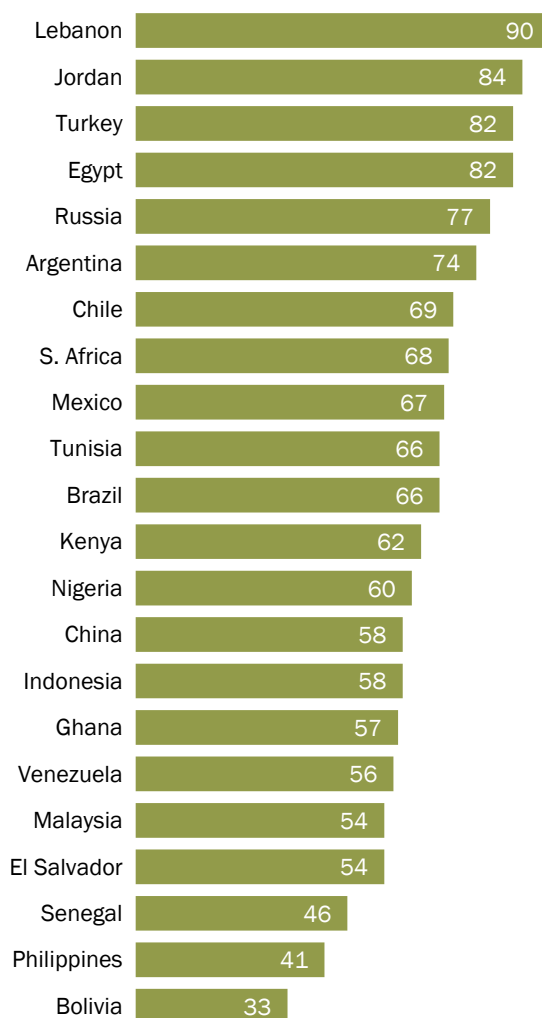
Making or receiving payments is one of the least-used cell phone activities among the countries surveyed, but it is much more common in Africa, especially Kenya (68% of cell phone owners) and Uganda (50%). In the 18 countries surveyed outside of sub-Saharan Africa, a median of only 8% say they use their cell phones for making and receiving payments.

Internet Usage and Social Networking

Across the 24 emerging and developing nations surveyed, the percentage of people who are online varies widely. In six nations, half or more use the internet, at least occasionally. In contrast, 25% or less go online in Indonesia (23%), Uganda (12%) and

Many Internet Users Online Daily in Emerging and Developing Nations

% of internet users who access the internet daily



Pakistan and Uganda not shown due to insufficient sample size.

Source: Spring 2013 Global Attitudes survey, Q66b.

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Pakistan (8%).

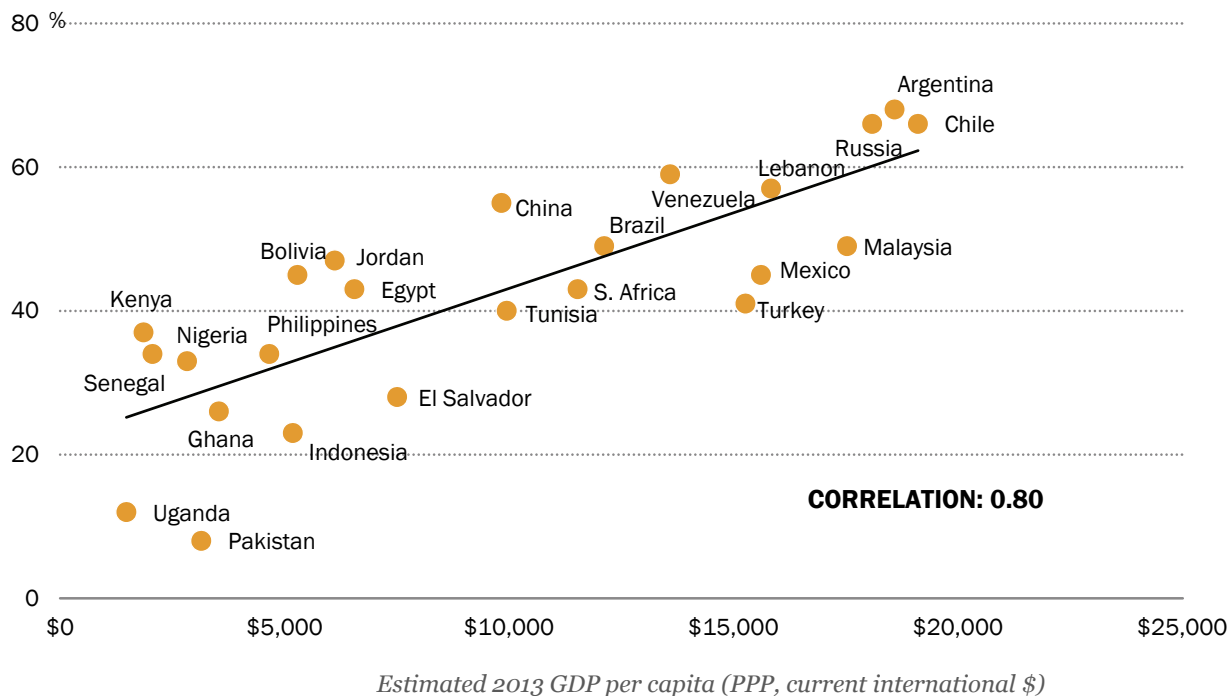
People who do go online tend to become avid users. Half or more of internet users in most of the countries surveyed say they use it daily.

Consistently, internet usage rates are higher among **young people**. In every nation surveyed, there are double digit age gaps between adults under age 30 and those 50 and older. And in 19 countries, the gap is more than 30 percentage points.

Internet usage is also strongly correlated with income. Generally, the higher a country's GDP per capita, the higher its percentage of internet users. The three nations with the highest per capita incomes in this survey – Chile, Argentina and Russia – also have the highest internet usage rates. Meanwhile, these rates are especially low in two of the poorest countries surveyed, Pakistan and Uganda, where roughly nine-in-ten never go online. Some nations, such as Kenya, Jordan, Egypt and Bolivia have more people online than might be anticipated, given their per capita income.

Internet Use Linked to National Income

*% who use the internet**



*Based on total sample.

Source: Spring 2013 Global Attitudes survey. Q66. Data for GDP per capita (PPP) from IMF World Economic Outlook, October 2013.

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Once people have access to the internet, they tend to engage in social networking. The most popular way in which people use social networking is staying in touch with family and friends. A near-universal median of 96% among social networking users across the 22 countries analyzed say they use SNS for this purpose (Pakistan and Uganda are excluded due to insufficient sample size). Sharing views about pop culture is also common, with a median of 73% saying they use social networks to post opinions on music and movies.

Social Networking Usage

% yes

	Internet users %	% of internet users who use social networking sites*	% of social networking users who use SNS to ...			
			Stay in touch with family/friends %	Share views about music and movies %	Share views about religion %	Share views about politics %
Russia	66	86	97	67	11	25
Lebanon	57	72	100	47	17	72
Jordan	47	84	95	69	64	63
Egypt	43	88	91	72	60	64
Tunisia	40	85	92	69	56	60
Turkey	41	79	93	76	42	42
Malaysia	49	76	94	80	48	30
Philippines	34	86	97	68	18	16
China	55	48	74	82	9	35
Indonesia	23	84	99	74	44	22
Argentina	68	75	97	69	25	32
Chile	66	76	96	79	22	27
Venezuela	59	83	97	79	37	49
Brazil	49	73	96	74	37	38
Mexico	45	77	94	78	28	36
Bolivia	45	71	93	79	35	34
El Salvador	28	75	96	65	45	24
S. Africa	43	62	98	75	43	37
Nigeria	33	83	98	72	69	62
Ghana	26	77	95	71	55	50
Kenya	37	76	94	82	60	68
Senegal	34	75	97	72	51	49
MEDIAN	44	77	96	73	43	38

* Based on those who say they use the internet (Q66) or own a smartphone (Q68).

Source: Spring 2013 Global Attitudes survey. Q66, Q68, Q72, Q73 & Q74a-c. Pakistan and Uganda not shown due to insufficient sample size.

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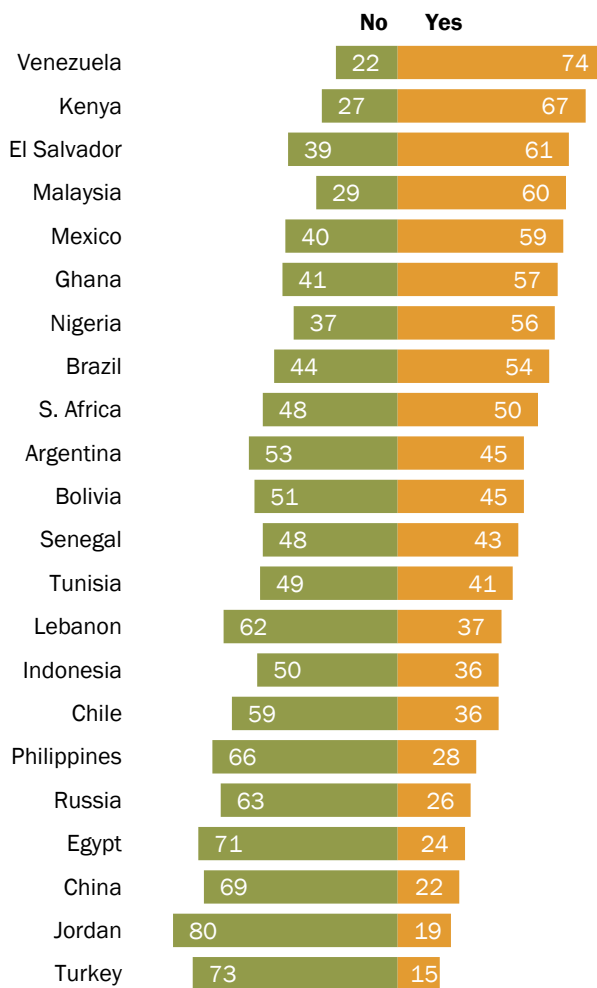
Across 22 countries, a median of 38% among social networkers say they share views about politics using social media sites. While not as popular as staying in touch with friends or sharing music and movies, political discourse online is particularly popular in the Middle East and sub-Saharan Africa. In Lebanon, 72% of social networkers say they share views about politics. Six-in-ten or more in Egypt (64%), Jordan (63%) and Tunisia (60%) say they talk about politics on social networks. This activity is also popular in Kenya (68%) and Nigeria (62%).

Religion, like politics, is not at the top of the list of topics for social network users in emerging and developing nations. A median of 43% say they share views about religion on websites like Facebook and Twitter. But again, this activity is more popular in the Middle East and sub-Saharan Africa. Six-in-ten or more social networkers in Nigeria (69%), Jordan (64%), Egypt (60%), and Kenya (60%) share views about religion online. Elsewhere in Asia and Latin America, the practice is less common.

For many in emerging and developing nations, online political dialogue leads to discoveries about the political leanings of people they know. In nine countries, half or more of social networkers say they have learned that someone's political beliefs were different than they thought, based on something that person posted on a site like Facebook or Twitter. This type of discovery is particularly common in sub-Saharan Africa and Latin America. It happens less often in Egypt, China, Jordan and Turkey.

Social Networks Reveal Political Beliefs, Sometimes

% of social networking users who learned that someone's political beliefs were different than they thought, based on something they posted on a social networking site



Based on those who say they use social networking sites like Facebook, Twitter, etc. (Q72). Pakistan and Uganda not shown due to insufficient sample size.

Source: Spring 2013 Global Attitudes survey. Q75.

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Appendix

Country Specific Examples of “Smartphones” and Social Networking Sites

Country	Q68 (“Smartphones”)	Q72 (Social Networking Sites)
Argentina	iPhone, Blackberry	Facebook, Sonico, Twitter, LinkedIn, etc.
Bolivia	iPhone, Blackberry, Samsung Galaxy	Facebook, Twitter
Brazil	iPhone, Blackberry, Samsung Galaxy, etc.	Facebook, Twitter, Orkut é, etc.
Chile	iPhone, Blackberry	Facebook, Twitter
China	iPhone, Blackberry, Lenovo music phone, Samsung, HTC, and other brands of smart phones	Facebook, kaixin.com, renren.com, Myspace, microblogging
Egypt	iPhone, Blackberry, Samsung Galaxy	Facebook, Twitter
El Salvador	iPhone, Blackberry, Samsung Galaxy, etc.	Facebook, Twitter, Myspace, Instagram
Ghana	iPhone, Blackberry, Samsung Galaxy, Nokia Asha, HTC	Facebook, Twitter, LinkedIn, Instagram
Indonesia	iPhone, Blackberry	Facebook, Twitter, etc.
Jordan	iPhone, Blackberry, Samsung Galaxy	Facebook, Myspace, Twitter, etc.
Kenya	iPhone, Blackberry, HTC, Samsung Galaxy, Android phones	Facebook, Twitter, Myspace, Google+, Instagram
Lebanon	iPhone, Blackberry, Samsung Galaxy	Facebook, Myspace, Twitter, etc.
Malaysia	iPhone, Blackberry	Facebook, Twitter
Mexico	iPhone, Blackberry, Samsung Galaxy, etc.	Facebook, Twitter, Myspace, Instagram
Nigeria	iPhone, Blackberry, Samsung Galaxy, etc.	Facebook, Twitter, Naira land, etc.
Pakistan	iPhone, Blackberry, etc.	Facebook, Orkut
Philippines	iPhone, Blackberry, Samsung S3, Sony Ericsson Xperia, HTC	Facebook, Twitter, Plurk, Google+, LinkedIn
Russia	iPhone, Blackberry, Samsung Galaxy, HTC	Facebook, Odnoklassniki, Vkontakte, Moikrug
Senegal	iPhone, Blackberry	Facebook, Twitter
S. Africa	iPhone, Blackberry	Facebook, Twitter
Tunisia	iPhone, Blackberry	Facebook, Twitter
Turkey	iPhone, Blackberry, Samsung Galaxy, Nokia E5	Hi5, Facebook, Twitter, Myspace
Uganda	iPhone, Blackberry	Facebook, Twitter, etc.
Venezuela	iPhone, Blackberry, Android	Facebook, Twitter, etc.

Source: Spring 2013 Global Attitudes survey.

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Selected Age Break Tables

Below are selected age break tables for internet access, social networking usage, and cell phone and smartphone ownership, all based on total sample. Significant differences are represented by bolded figures.

Internet Access by Age

% who access the internet or own a smartphone

	18-29	30-49	50+	Oldest- youngest gap
	%	%	%	
China	92	55	15	-77
Lebanon	81	67	19	-62
Tunisia	70	31	12	-58
Malaysia	76	46	19	-57
Russia	92	82	36	-56
Argentina	92	77	37	-55
Bolivia	70	39	15	-55
Brazil	72	54	18	-54
Jordan	67	43	14	-53
Venezuela	79	63	28	-51
Turkey	67	37	19	-48
Egypt	63	39	19	-44
Chile	85	71	43	-42
Mexico	65	47	23	-42
Nigeria	45	31	4	-41
Philippines	52	33	15	-37
Indonesia	43	17	6	-37
El Salvador	45	27	10	-35
Senegal	46	33	13	-33
Ghana	38	18	11	-27
S. Africa	46	51	24	-22
Uganda	18	9	5	-13
Pakistan	14	5	2	-12

Based on total sample. Kenya not shown due to insufficient sample size. **Bolded figures** represent significant differences between 18-29 year-olds and 50+.

Source: Spring 2013 Global Attitudes survey. Q66 & Q68.

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Social Networking by Age

% who use online social networking sites

	18-29	30-49	50+	Oldest- youngest gap
	%	%	%	
Russia	89	70	25	-64
Lebanon	69	46	5	-64
Argentina	80	57	18	-62
Malaysia	68	32	6	-62
Venezuela	73	52	15	-58
Tunisia	64	25	6	-58
China	59	21	3	-56
Bolivia	58	24	4	-54
Chile	77	53	24	-53
Brazil	58	38	10	-48
Turkey	60	25	13	-47
Egypt	61	32	15	-46
Jordan	57	35	12	-45
Mexico	58	34	14	-44
Indonesia	40	13	1	-39
Philippines	48	28	10	-38
Nigeria	39	25	2	-37
El Salvador	39	17	4	-35
S. Africa	35	32	5	-30
Ghana	32	12	5	-27
Senegal	37	22	11	-26
Uganda	12	4	1	-11
Pakistan	6	2	1	-5

Based on total sample. Kenya not shown due to insufficient sample size. **Bolded figures** represent significant differences between 18-29 year-olds and 50+.

Source: Spring 2013 Global Attitudes survey. Q72.

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Cell Phone Ownership by Age

% who own a cell phone

	18-29	30-49	50+	Oldest- youngest gap
	%	%	%	
Philippines	83	77	46	-37
Mexico	75	72	38	-37
Indonesia	90	79	55	-35
Bolivia	89	86	62	-27
Malaysia	98	94	72	-26
Argentina	92	92	66	-26
Turkey	98	86	75	-23
Brazil	87	87	64	-23
El Salvador	86	82	66	-20
Senegal	86	84	67	-19
Tunisia	94	90	76	-18
Nigeria	82	80	64	-18
Pakistan	58	51	40	-18
Chile	96	96	81	-15
China	99	97	86	-13
S. Africa	94	94	81	-13
Lebanon	90	91	77	-13
Ghana	88	76	75	-13
Venezuela	88	90	77	-11
Russia	98	98	88	-10
Egypt	92	86	82	-10
Uganda	59	62	51	-8
Jordan	95	95	92	-3

Based on total sample. Kenya not shown due to insufficient sample size. **Bolded figures** represent significant differences between 18-29 year-olds and 50+.

Source: Spring 2013 Global Attitudes survey. Q67.

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Smartphone Ownership by Age

% who own a smartphone

	18-29	30-49	50+	Oldest- youngest gap
	%	%	%	
China	69	34	7	-62
Lebanon	62	55	14	-48
Jordan	53	35	10	-43
Russia	46	25	7	-39
Malaysia	49	30	11	-38
Argentina	50	37	16	-34
Venezuela	45	33	11	-34
Chile	55	41	22	-33
Turkey	35	13	3	-32
Mexico	31	23	7	-24
Nigeria	24	19	1	-23
Tunisia	25	8	3	-22
Brazil	25	17	4	-21
Ghana	27	8	7	-20
S. Africa	34	41	17	-17
Egypt	32	20	15	-17
Bolivia	21	7	4	-17
Philippines	24	18	9	-15
Indonesia	18	9	3	-15
El Salvador	15	12	4	-11
Senegal	14	14	7	-7
Uganda	7	2	1	-6
Pakistan	5	2	1	-4

Based on total sample. Kenya not shown due to insufficient sample size. **Bolded figures** represent significant differences between 18-29 year-olds and 50+.

Source: Spring 2013 Global Attitudes survey. Q68.

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Survey Methods

About the 2013 Spring Pew Global Attitudes Survey

Results for the survey are based on face-to-face interviews conducted under the direction of Princeton Survey Research Associates International. Survey results are based on national samples. For further details on sample designs, see below.

The descriptions below show the margin of sampling error based on all interviews conducted in that country. For results based on the full sample in a given country, one can say with 95% confidence that the error attributable to sampling and other random effects is plus or minus the margin of error. In addition to sampling error, one should bear in mind that question wording and practical difficulties in conducting surveys can introduce error or bias into the findings of opinion polls.

Country: **Argentina**
 Sample design: Multi-stage cluster sample stratified by locality size
 Mode: Face-to-face adults 18 plus
 Languages: Spanish
 Fieldwork dates: March 6 – March 26, 2013
 Sample size: 819
 Margin of Error: ± 4.7 percentage points
 Representative: Adult population (excluding dispersed rural population, or 8.8% of the population)

Country: **Bolivia**
 Sample design: Multi-stage cluster sample stratified by department and urbanity
 Mode: Face-to-face adults 18 plus
 Languages: Spanish
 Fieldwork dates: March 12 – April 18, 2013
 Sample size: 800
 Margin of Error: ± 4.5 percentage points
 Representative: Adult population (excluding dispersed rural population, or 10% of the population)

Country:	Brazil
Sample design:	Multi-stage cluster sample stratified by Brazil's five regions and size of municipality
Mode:	Face-to-face adults 18 plus
Languages:	Portuguese
Fieldwork dates:	March 4 – April 21, 2013
Sample size:	960
Margin of Error:	±4.1 percentage points
Representative:	Adult population
Country:	Chile
Sample design:	Multi-stage cluster sample stratified by region and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	Spanish
Fieldwork dates:	March 4 – March 19, 2013
Sample size:	800
Margin of Error:	±5.2 percentage points
Representative:	Adult population (excluding Chiloe and other islands, or 3% of the population)
Country:	China
Sample design:	Multi-stage cluster sample stratified by China's three regional-economic zones and urbanity. Twelve cities, 12 towns and 12 villages were sampled covering central, east, and west China.
Mode:	Face-to-face adults 18 plus
Languages:	Chinese (Mandarin, Hebei, Shandong, Yunnan, Chongqing, Guangdong, Hubei, Henan, Hunan, Jiangsu, Gandu, Sichuan, Shaanxi, Anhui, Shanghai, Jilin, Jiangxi, Zhejiang, and Beijing dialects)
Fieldwork dates:	March 4 – April 6, 2013
Sample size:	3,226
Margin of Error:	±3.5 percentage points
Representative:	Adult population (excluding Tibet, Xinjiang, Hong Kong and Macau, or roughly 2% of the population). Disproportionately urban. The data were weighted to reflect the actual urbanity distribution in China.
Note:	The results cited are from Horizonkey's self-sponsored survey.

Country: **Egypt**
 Sample design: Multi-stage cluster sample stratified by governorates and urbanity
 Mode: Face-to-face adults 18 plus
 Languages: Arabic
 Fieldwork dates: March 3 – March 23, 2013
 Sample size: 1,000
 Margin of Error: ± 4.3 percentage points
 Representative: Adult population (excluding Frontier governorates, or about 2% of the population)

Country: **El Salvador**
 Sample design: Multi-stage cluster sample stratified by department and urbanity
 Mode: Face-to-face adults 18 plus
 Languages: Spanish
 Fieldwork dates: April 18 – May 1, 2013
 Sample size: 792
 Margin of Error: ± 5.3 percentage points
 Representative: Adult population

Country: **Ghana**
 Sample design: Multi-stage cluster sample stratified by region and settlement size
 Mode: Face-to-face adults 18 plus
 Languages: Akan (Twi), English, Dagbani, Ewe
 Fieldwork dates: March 20 – April 3, 2013
 Sample size: 799
 Margin of Error: ± 4.7 percentage points
 Representative: Adult population

Country: **Indonesia**
 Sample design: Multi-stage cluster sample stratified by province and urbanity
 Mode: Face-to-face adults 18 plus
 Languages: Bahasa Indonesian
 Fieldwork dates: March 9 – March 27, 2013
 Sample size: 1,000
 Margin of Error: ± 4.0 percentage points
 Representative: Adult population (excluding Papua and remote areas or provinces with small populations, or 12% of the population)

Country:	Jordan
Sample design:	Multi-stage cluster sample stratified by Jordan's 12 governorates and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	Arabic
Fieldwork dates:	March 4 – March 23, 2013
Sample size:	1,000
Margin of Error:	±4.5 percentage points
Representative:	Adult population
Country:	Kenya
Sample design:	Multi-stage cluster sample stratified by province and settlement size
Mode:	Face-to-face adults 18 plus
Languages:	Kiswahili, English
Fieldwork dates:	March 13 – March 30, 2013
Sample size:	798
Margin of Error:	±4.3 percentage points
Representative:	Adult population
Country:	Lebanon
Sample design:	Multi-stage cluster sample stratified by Lebanon's seven regions and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	Arabic
Fieldwork dates:	March 4 – March 22, 2013
Sample size:	1,000
Margin of Error:	±4.0 percentage points
Representative:	Adult population (excluding a small area in Beirut controlled by a militia group and a few villages in the south of Lebanon, which border Israel and are inaccessible to outsiders, or about 2% of the population)

Country: **Malaysia**
Sample design: Multi-stage cluster sample stratified by state and urbanity
Mode: Face-to-face adults 18 plus
Languages: Malay, Mandarin Chinese, English
Fieldwork dates: March 4 – April 3, 2013
Sample size: 822
Margin of Error: ±4.3 percentage points
Representative: Adult population (excluding difficult to access areas in Sabah and Sarawak, or about 7% of the population)

Country: **Mexico**
Sample design: Multi-stage cluster sample stratified by region and urbanity
Mode: Face-to-face adults 18 plus
Languages: Spanish
Fieldwork dates: March 4 – March 17, 2013
Sample size: 1,000
Margin of Error: ±4.1 percentage points
Representative: Adult population

Country: **Nigeria**
Sample design: Multi-stage cluster sample stratified by region and urbanity
Mode: Face-to-face adults 18 plus
Languages: English, Hausa, Yoruba, Igbo
Fieldwork dates: March 6 – April 4, 2013
Sample size: 1,031
Margin of Error: ±4.0 percentage points
Representative: Adult population (excluding Borno, Yobe and some areas in Taraba, or about 5% of the population)

Country: **Pakistan**
Sample design: Multi-stage cluster sample stratified by province and urbanity
Mode: Face-to-face adults 18 plus
Languages: Urdu, Pashto, Punjabi, Saraiki, Sindhi
Fieldwork dates: March 11 – March 31, 2013
Sample size: 1,201
Margin of Error: ±4.3 percentage points
Representative: Adult population (excluding the Federally Administered Tribal Areas, Gilgit-Baltistan, Azad Jammu and Kashmir for security reasons as well as areas of instability in Khyber Pakhtunkhwa [formerly the North-West Frontier Province] and Baluchistan, or roughly 18% of the population). Disproportionately urban. The data were weighted to reflect the actual urbanity distribution in Pakistan.

Country: **Philippines**
Sample design: Multi-stage cluster sample stratified by region and urbanity
Mode: Face-to-face adults 18 plus
Languages: Tagalog, Cebuano, Ilonggo, Ilocano, Bicolano
Fieldwork dates: March 10 – April 3, 2013
Sample size: 804
Margin of Error: ±4.5 percentage points
Representative: Adult population

Country: **Russia**
Sample design: Multi-stage cluster sample stratified by Russia's eight regions plus Moscow and St. Petersburg and urbanity
Mode: Face-to-face adults 18 plus
Languages: Russian
Fieldwork dates: March 5 – March 21, 2013
Sample size: 996
Margin of Error: ±3.6 percentage points
Representative: Adult population (excluding High North regions, the Chechen Republic, and the Ingush Republic, or about 3% of the population)

Country:	Senegal
Sample design:	Multi-stage cluster sample stratified by region and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	Wolof, French
Fieldwork dates:	March 6 – March 30, 2013
Sample size:	800
Margin of Error:	±4.1 percentage points
Representative:	Adult population
Country:	South Africa
Sample design:	Multi-stage cluster sample stratified by metropolitan area, province and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	English, Zulu, Xhosa, South Sotho, Afrikaans
Fieldwork dates:	March 18 – April 12, 2013
Sample size:	815
Margin of Error:	±4.1 percentage points
Representative:	Adult population
Country:	Tunisia
Sample design:	Multi-stage cluster sample stratified by governorate and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	Tunisian Arabic
Fieldwork dates:	March 4 – March 19, 2013
Sample size:	1,000
Margin of Error:	±4.0 percentage points
Representative:	Adult population
Country:	Turkey
Sample design:	Multi-stage cluster sample stratified by the 26 regions (based on geographical location and level of development (NUTS 2)) and urbanity
Mode:	Face-to-face adults 18 plus
Languages:	Turkish
Fieldwork dates:	March 5 – March 24, 2013
Sample size:	1,000
Margin of Error:	±7.7 percentage points
Representative:	Adult population

Country: **Uganda**
Sample design: Multi-stage cluster sample stratified by region and urbanity
Mode: Face-to-face adults 18 plus
Languages: Luganda, English, Runyankole/Rukiga, Luo, Runyoro/Rutoro, Ateso, Lugbara
Fieldwork dates: March 15 – March 29, 2013
Sample size: 800
Margin of Error: ±4.3 percentage points
Representative: Adult population

Country: **Venezuela**
Sample design: Multi-stage cluster sample stratified by region and parish size
Mode: Face-to-face adults 18 plus
Languages: Spanish
Fieldwork dates: March 15 – April 27, 2013
Sample size: 1,000
Margin of Error: ±3.5 percentage points
Representative: Adult population (excluding remote areas, or about 4% of population)

**Pew Research Center's Global Attitudes Project
2013 Spring Survey Topline Results
February 13, 2014 Release**

Methodological notes:

- Survey results are based on national samples. For further details on sample designs, see Survey Methods section.
- Due to rounding, percentages may not total 100%. The topline “total” columns show 100%, because they are based on unrounded numbers.
- Since 2007, the Global Attitudes Project has used an automated process to generate topline. As a result, numbers may differ slightly from those published prior to 2007.
- Spring, 2011 survey in Pakistan was fielded before the death of Osama bin Laden (April 10 – April 26), while the Late Spring, 2011 survey was conducted afterwards (May 8 – May 15).
- For some countries, trends for certain years are omitted due to differences in sample design or population coverage. Omitted trends often reflect less representative samples than more recent surveys in the same countries. Trends that are omitted include:
 - Bolivia prior to 2013
 - Senegal prior to 2013
 - Venezuela prior to 2013
 - Brazil prior to 2010
 - Nigeria prior to 2010
 - South Africa in 2007
 - Indonesia prior to 2005
 - Egypt in Summer 2002
- Not all questions included in the Spring 2013 survey are presented in this topline. Omitted questions have either been previously released or will be released in future reports.

		Q66 Do you use the internet, at least occasionally?			
		Yes	No	DK/Refused	Total
Russia	Spring, 2013	65	35	0	100
	Spring, 2012	58	42	0	100
	Spring, 2011	50	49	1	100
	Spring, 2010	44	56	0	100
	Spring, 2007	25	74	1	100
Turkey	Spring, 2013	38	61	0	100
	Spring, 2012	43	56	1	100
	Spring, 2011	38	59	3	100
	Spring, 2010	39	60	1	100
	Spring, 2007	26	72	2	100
Egypt	Spring, 2013	42	58	0	100
	Spring, 2012	37	63	0	100
	Spring, 2011	33	66	1	100
	Spring, 2010	23	77	0	100
	Spring, 2007	20	79	1	100
Jordan	Spring, 2013	40	60	0	100
	Spring, 2012	35	65	0	100
	Spring, 2011	36	63	1	100
	Spring, 2010	32	68	0	100
	Spring, 2007	30	68	2	100
Lebanon	Spring, 2013	57	43	0	100
	Spring, 2012	49	51	0	100
	Spring, 2011	39	61	0	100
	Spring, 2010	35	65	0	100
	Spring, 2007	42	58	0	100
Tunisia	Spring, 2013	38	62	0	100
	Spring, 2012	41	57	1	100
China	Spring, 2013	50	49	0	100
	Spring, 2012	50	50	1	100
	Spring, 2011	56	44	0	100
	Spring, 2010	46	53	0	100
	Spring, 2008	38	62	0	100
	Spring, 2007	34	66	0	100
Indonesia	Spring, 2013	21	79	0	100
	Spring, 2011	13	86	1	100
	Spring, 2010	9	90	1	100
	Spring, 2007	7	93	0	100
Malaysia	Spring, 2013	42	57	1	100
	Spring, 2007	23	76	0	100
Pakistan	Spring, 2013	7	92	1	100
	Spring, 2012	5	94	1	100
	Late Spring, 2011	5	93	2	100
	Spring, 2011	4	94	1	100
	Spring, 2010	6	94	1	100
	Spring, 2007	6	90	5	100

		Q66 Do you use the internet, at least occasionally?			
		Yes	No	DK/Refused	Total
Philippines	Spring, 2013	30	69	1	100
Argentina	Spring, 2013	65	35	0	100
	Spring, 2010	47	52	1	100
	Spring, 2007	35	64	1	100
Bolivia	Spring, 2013	43	57	0	100
Brazil	Spring, 2013	48	52	0	100
	Spring, 2012	49	51	0	100
	Spring, 2010	43	57	0	100
Chile	Spring, 2013	62	38	0	100
	Spring, 2007	33	66	0	100
El Salvador	Spring, 2013	25	75	0	100
Mexico	Spring, 2013	43	57	1	100
	Spring, 2012	37	63	0	100
	Spring, 2011	37	63	0	100
	Spring, 2010	38	61	1	100
	Spring, 2007	31	68	1	100
Venezuela	Spring, 2013	56	44	0	100
Ghana	Spring, 2013	23	77	0	100
	Spring, 2007	20	74	5	100
Kenya	Spring, 2013	33	67	0	100
	Spring, 2011	27	72	1	100
	Spring, 2010	24	76	0	100
	Spring, 2007	11	88	1	100
Nigeria	Spring, 2013	31	68	1	100
	Spring, 2010	22	78	0	100
Senegal	Spring, 2013	31	67	2	100
South Africa	Spring, 2013	34	64	2	100
Uganda	Spring, 2013	11	88	1	100
	Spring, 2007	9	91	0	100

		Q66b ASK IF USES THE INTERNET: Overall, how often do you use the internet – several times a day, once a day, at least once a week, or less often?						
		Several times a day	Once a day	At least once a week	Less often	DK/Refused	Total	N=
Russia	Spring, 2013	47	30	17	5	0	100	669
Turkey	Spring, 2013	54	28	14	4	0	100	525
Egypt	Spring, 2013	40	42	17	1	0	100	420
Jordan	Spring, 2013	44	40	15	1	0	100	403
Lebanon	Spring, 2013	74	16	7	3	0	100	572
Tunisia	Spring, 2013	45	21	28	6	0	100	331
China	Spring, 2013	27	31	24	18	1	100	1665
Indonesia	Spring, 2013	39	19	25	17	0	100	209
Malaysia	Spring, 2013	37	17	23	22	1	100	334
Philippines	Spring, 2013	18	23	30	28	1	100	244
Argentina	Spring, 2013	50	24	21	6	0	100	536
Bolivia	Spring, 2013	13	20	46	21	0	100	323
Brazil	Spring, 2013	41	25	19	14	0	100	461
Chile	Spring, 2013	42	27	23	8	0	100	513
El Salvador	Spring, 2013	26	28	37	9	0	100	256
Mexico	Spring, 2013	33	34	21	13	0	100	442
Venezuela	Spring, 2013	28	28	26	18	0	100	558
Ghana	Spring, 2013	40	17	30	13	1	100	239
Kenya	Spring, 2013	47	15	26	13	0	100	292
Nigeria	Spring, 2013	47	13	24	15	1	100	358
Senegal	Spring, 2013	24	22	27	22	5	100	249
South Africa	Spring, 2013	47	21	18	15	0	100	307

		Q67 Do you own a cell phone?			
		Yes	No	DK/Refused	Total
Russia	Spring, 2013	94	6	0	100
	Spring, 2012	88	12	0	100
	Spring, 2011	86	14	0	100
	Spring, 2010	82	18	0	100
	Spring, 2007	65	35	1	100
	Summer, 2002	8	91	1	100
Turkey	Spring, 2013	87	12	1	100
	Spring, 2012	85	15	0	100
	Spring, 2011	84	16	0	100
	Spring, 2010	77	22	1	100
	Spring, 2007	73	26	1	100
	Summer, 2002	49	50	1	100
Egypt	Spring, 2013	88	13	0	100
	Spring, 2012	76	24	0	100
	Spring, 2011	71	29	0	100
	Spring, 2010	65	35	0	100
	Spring, 2007	60	40	0	100
Jordan	Spring, 2013	95	6	0	100
	Spring, 2012	94	6	0	100
	Spring, 2011	95	5	0	100
	Spring, 2010	94	5	0	100
	Spring, 2007	57	43	0	100
	Summer, 2002	35	65	0	100
Lebanon	Spring, 2013	86	14	0	100
	Spring, 2012	82	18	0	100
	Spring, 2011	79	21	0	100
	Spring, 2010	79	21	0	100
	Spring, 2007	84	16	0	100
	Summer, 2002	62	38	0	100
Tunisia	Spring, 2013	88	12	0	100
	Spring, 2012	91	9	0	100
China	Spring, 2013	95	5	0	100
	Spring, 2012	93	7	0	100
	Spring, 2011	93	7	0	100
	Spring, 2010	90	10	0	100
	Spring, 2007	67	33	1	100
	Summer, 2002	50	50	0	100
Indonesia	Spring, 2013	78	22	0	100
	Spring, 2011	55	45	0	100
	Spring, 2010	46	54	0	100
	Spring, 2007	27	73	0	100
Malaysia	Spring, 2013	89	10	0	100
	Spring, 2007	70	30	0	100

		Q67 Do you own a cell phone?			
		Yes	No	DK/Refused	Total
Pakistan	Spring, 2013	53	47	0	100
	Spring, 2012	52	48	0	100
	Late Spring, 2011	48	52	0	100
	Spring, 2011	47	52	1	100
	Spring, 2010	38	61	1	100
	Spring, 2007	34	65	1	100
	Summer, 2002	5	94	1	100
Philippines	Spring, 2013	71	29	0	100
	Summer, 2002	28	72	0	100
Argentina	Spring, 2013	83	17	0	100
	Spring, 2010	77	23	0	100
	Spring, 2007	63	36	1	100
	Summer, 2002	28	72	0	100
Bolivia	Spring, 2013	81	19	0	100
Brazil	Spring, 2013	80	20	0	100
	Spring, 2012	84	16	0	100
	Spring, 2010	73	27	0	100
Chile	Spring, 2013	91	9	0	100
	Spring, 2007	71	29	0	100
El Salvador	Spring, 2013	79	21	0	100
Mexico	Spring, 2013	63	37	0	100
	Spring, 2012	63	37	0	100
	Spring, 2011	57	42	1	100
	Spring, 2010	51	48	1	100
	Spring, 2007	44	56	0	100
	Summer, 2002	37	63	0	100
Venezuela	Spring, 2013	86	14	0	100
Ghana	Spring, 2013	79	21	1	100
	Spring, 2007	34	66	0	100
	Summer, 2002	8	91	1	100
Kenya	Spring, 2013	82	18	0	100
	Spring, 2011	74	25	0	100
	Spring, 2010	65	35	0	100
	Spring, 2007	33	66	1	100
	Summer, 2002	9	91	0	100
Nigeria	Spring, 2013	78	21	0	100
	Spring, 2010	74	26	0	100
Senegal	Spring, 2013	81	19	0	100
South Africa	Spring, 2013	91	9	0	100
	Summer, 2002	33	67	0	100
Uganda	Spring, 2013	59	41	0	100
	Spring, 2007	29	71	0	100
	Summer, 2002	10	89	1	100

		Q68 ASK IF CELL PHONE OWNER: Some cell phones are called "smartphones" because they can access the internet and apps. Is your cell phone a smartphone, such as an iPhone, a Blackberry (INSERT COUNTRY SPECIFIC EXAMPLES)?				
		Yes, smartphone	No, not a smartphone	DK/Refused	Total	N=
Russia	Spring, 2013	24	74	2	100	941
Turkey	Spring, 2013	20	80	1	100	902
Egypt	Spring, 2013	26	74	0	100	875
Jordan	Spring, 2013	40	60	0	100	945
Lebanon	Spring, 2013	52	48	0	100	864
Tunisia	Spring, 2013	14	86	0	100	864
China	Spring, 2013	39	61	0	100	3080
Indonesia	Spring, 2013	14	85	1	100	777
Malaysia	Spring, 2013	35	65	0	100	740
Pakistan	Spring, 2013	6	91	4	100	617
Philippines	Spring, 2013	25	74	1	100	567
Argentina	Spring, 2013	41	59	0	100	688
Bolivia	Spring, 2013	14	83	3	100	642
Brazil	Spring, 2013	19	80	1	100	771
Chile	Spring, 2013	43	56	1	100	719
El Salvador	Spring, 2013	14	80	6	100	630
Mexico	Spring, 2013	33	67	0	100	644
Venezuela	Spring, 2013	36	64	0	100	862
Ghana	Spring, 2013	19	79	2	100	663
Kenya	Spring, 2013	23	76	1	100	675
Nigeria	Spring, 2013	24	75	1	100	829
Senegal	Spring, 2013	16	82	3	100	649
South Africa	Spring, 2013	36	63	1	100	741
Uganda	Spring, 2013	7	93	1	100	471

		Q72 ASK IF INTERNET USER OR SMARTPHONE USER: Do you ever use online social networking sites like (Facebook, Twitter, INSERT COUNTRY SPECIFIC EXAMPLES)?				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	86	13	1	100	680
Turkey	Spring, 2013	79	20	1	100	544
Egypt	Spring, 2013	88	12	0	100	430
Jordan	Spring, 2013	84	16	0	100	472
Lebanon	Spring, 2013	72	28	0	100	572
Tunisia	Spring, 2013	85	14	2	100	348
China	Spring, 2013	48	51	1	100	1811
Indonesia	Spring, 2013	84	14	2	100	225
Malaysia	Spring, 2013	76	24	0	100	390
Philippines	Spring, 2013	86	14	0	100	277
Argentina	Spring, 2013	75	25	1	100	556
Bolivia	Spring, 2013	71	27	1	100	338
Brazil	Spring, 2013	73	27	0	100	469
Chile	Spring, 2013	76	19	5	100	542
El Salvador	Spring, 2013	75	25	0	100	280
Mexico	Spring, 2013	77	23	0	100	470
Venezuela	Spring, 2013	83	17	0	100	593
Ghana	Spring, 2013	77	22	1	100	270
Kenya	Spring, 2013	76	24	0	100	326
Nigeria	Spring, 2013	83	17	0	100	382
Senegal	Spring, 2013	75	25	0	100	269
South Africa	Spring, 2013	62	37	1	100	379

Twitter not asked in China and Russia. In Spring 2013, social networking usage was filtered by internet access (Q66) and smartphone ownership (Q68). In the past, results were shown only filtered by internet users. Therefore, no trends for Spring 2012, 2011, 2010 are shown.

		Q73 ASK IF USES SOCIAL NETWORKING SITES: Do you ever use social networking sites like Facebook, Twitter (INSERT COUNTRY SPECIFIC EXAMPLES) to stay in touch with family and friends or not?				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	97	2	1	100	593
Turkey	Spring, 2013	93	7	0	100	448
Egypt	Spring, 2013	91	9	0	100	380
Jordan	Spring, 2013	95	5	0	100	396
Lebanon	Spring, 2013	100	0	0	100	409
Tunisia	Spring, 2013	92	7	0	100	288
China	Spring, 2013	74	26	0	100	880
Indonesia	Spring, 2013	99	1	0	100	189
Malaysia	Spring, 2013	94	5	1	100	289
Philippines	Spring, 2013	97	3	0	100	238
Argentina	Spring, 2013	97	3	0	100	416
Bolivia	Spring, 2013	93	6	1	100	236
Brazil	Spring, 2013	96	4	0	100	342
Chile	Spring, 2013	96	4	0	100	420
El Salvador	Spring, 2013	96	4	0	100	214
Mexico	Spring, 2013	94	6	0	100	355
Venezuela	Spring, 2013	97	3	0	100	490
Ghana	Spring, 2013	95	5	0	100	215
Kenya	Spring, 2013	94	6	0	100	246
Nigeria	Spring, 2013	98	2	0	100	323
Senegal	Spring, 2013	97	3	0	100	203
South Africa	Spring, 2013	98	2	0	100	240

		Q74a ASK IF USES SOCIAL NETWORKING SITES: And do you ever use social networking sites like Facebook, Twitter (INSERT COUNTRY SPECIFIC EXAMPLES) to share your views about a. religion or not?				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	11	86	2	100	593
Turkey	Spring, 2013	42	55	2	100	448
Egypt	Spring, 2013	60	40	0	100	380
Jordan	Spring, 2013	64	36	0	100	396
Lebanon	Spring, 2013	17	83	0	100	409
Tunisia	Spring, 2013	56	44	0	100	288
China	Spring, 2013	9	90	2	100	880
Indonesia	Spring, 2013	44	54	2	100	189
Malaysia	Spring, 2013	48	51	1	100	289
Philippines	Spring, 2013	18	82	0	100	238
Argentina	Spring, 2013	25	75	0	100	416
Bolivia	Spring, 2013	35	65	1	100	236
Brazil	Spring, 2013	37	63	0	100	342
Chile	Spring, 2013	22	77	0	100	420
El Salvador	Spring, 2013	45	55	0	100	214
Mexico	Spring, 2013	28	71	0	100	355
Venezuela	Spring, 2013	37	63	0	100	490
Ghana	Spring, 2013	55	44	1	100	215
Kenya	Spring, 2013	60	37	2	100	246
Nigeria	Spring, 2013	69	31	1	100	323
Senegal	Spring, 2013	51	49	0	100	203
South Africa	Spring, 2013	43	57	0	100	240

In Spring 2013, social networking usage was filtered by internet access (Q66) and smartphone ownership (Q68). In the past, results were shown only filtered by internet users. Therefore, no trends for Spring 2012 are shown.

		Q74b ASK IF USES SOCIAL NETWORKING SITES: And do you ever use social networking sites like Facebook, Twitter (INSERT COUNTRY SPECIFIC EXAMPLES) to share your views about b. politics or not?				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	25	72	2	100	593
Turkey	Spring, 2013	42	56	2	100	448
Egypt	Spring, 2013	64	36	0	100	380
Jordan	Spring, 2013	63	37	0	100	396
Lebanon	Spring, 2013	72	28	0	100	409
Tunisia	Spring, 2013	60	39	0	100	288
China	Spring, 2013	35	63	2	100	880
Indonesia	Spring, 2013	22	75	3	100	189
Malaysia	Spring, 2013	30	69	1	100	289
Philippines	Spring, 2013	16	84	0	100	238
Argentina	Spring, 2013	32	68	0	100	416
Bolivia	Spring, 2013	34	66	1	100	236
Brazil	Spring, 2013	38	62	0	100	342
Chile	Spring, 2013	27	73	0	100	420
El Salvador	Spring, 2013	24	76	0	100	214
Mexico	Spring, 2013	36	64	0	100	355
Venezuela	Spring, 2013	49	51	0	100	490
Ghana	Spring, 2013	50	50	1	100	215
Kenya	Spring, 2013	68	31	1	100	246
Nigeria	Spring, 2013	62	38	0	100	323
Senegal	Spring, 2013	49	49	2	100	203
South Africa	Spring, 2013	37	63	1	100	240

In Spring 2013, social networking usage was filtered by internet access (Q66) and smartphone ownership (Q68). In the past, results were shown only filtered by internet users. Therefore, no trends for Spring 2012 are shown.

		Q74c ASK IF USES SOCIAL NETWORKING SITES: And do you ever use social networking sites like Facebook, Twitter (INSERT COUNTRY SPECIFIC EXAMPLES) to share your views about c. music and movies or not?				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	67	32	2	100	593
Turkey	Spring, 2013	76	23	1	100	448
Egypt	Spring, 2013	72	28	0	100	380
Jordan	Spring, 2013	69	31	0	100	396
Lebanon	Spring, 2013	47	53	0	100	409
Tunisia	Spring, 2013	69	31	0	100	288
China	Spring, 2013	82	16	2	100	880
Indonesia	Spring, 2013	74	24	2	100	189
Malaysia	Spring, 2013	80	19	1	100	289
Philippines	Spring, 2013	68	32	0	100	238
Argentina	Spring, 2013	69	30	1	100	416
Bolivia	Spring, 2013	79	20	1	100	236
Brazil	Spring, 2013	74	26	0	100	342
Chile	Spring, 2013	79	20	1	100	420
El Salvador	Spring, 2013	65	35	0	100	214
Mexico	Spring, 2013	78	22	0	100	355
Venezuela	Spring, 2013	79	21	0	100	490
Ghana	Spring, 2013	71	29	1	100	215
Kenya	Spring, 2013	82	16	2	100	246
Nigeria	Spring, 2013	72	27	1	100	323
Senegal	Spring, 2013	72	28	0	100	203
South Africa	Spring, 2013	75	25	0	100	240

In Spring 2013, social networking usage was filtered by internet access (Q66) and smartphone ownership (Q68). In the past, results were shown only filtered by internet users. Therefore, no trends for Spring 2012 are shown.

		Q75 ASK IF USES SOCIAL NETWORKING SITES: Have you ever learned that someone's political beliefs were different than you thought they were, based on something they posted on a social networking site, or has this never happened to you?				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	26	63	11	100	593
Turkey	Spring, 2013	15	73	12	100	448
Egypt	Spring, 2013	24	71	5	100	380
Jordan	Spring, 2013	19	80	1	100	396
Lebanon	Spring, 2013	37	62	1	100	409
Tunisia	Spring, 2013	41	49	9	100	288
China	Spring, 2013	22	69	8	100	880
Indonesia	Spring, 2013	36	50	14	100	189
Malaysia	Spring, 2013	60	29	12	100	289
Philippines	Spring, 2013	28	66	6	100	238
Argentina	Spring, 2013	45	53	2	100	416
Bolivia	Spring, 2013	45	51	4	100	236
Brazil	Spring, 2013	54	44	2	100	342
Chile	Spring, 2013	36	59	5	100	420
El Salvador	Spring, 2013	61	39	0	100	214
Mexico	Spring, 2013	59	40	1	100	355
Venezuela	Spring, 2013	74	22	3	100	490
Ghana	Spring, 2013	57	41	2	100	215
Kenya	Spring, 2013	67	27	6	100	246
Nigeria	Spring, 2013	56	37	7	100	323
Senegal	Spring, 2013	43	48	8	100	203
South Africa	Spring, 2013	50	48	1	100	240

		Q76a ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, please tell me if this is something you do regularly or not? a. Send text messages				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	78	22	0	100	941
	Spring, 2012	78	22	0	100	885
	Spring, 2011	75	25	0	100	857
Turkey	Spring, 2013	60	39	0	100	902
	Spring, 2012	60	40	0	100	885
	Spring, 2011	64	36	0	100	860
Egypt	Spring, 2013	77	23	0	100	875
	Spring, 2012	75	25	0	100	763
	Spring, 2011	72	28	0	100	713
Jordan	Spring, 2013	71	26	3	100	945
	Spring, 2012	68	32	0	100	936
	Spring, 2011	63	37	0	100	947
Lebanon	Spring, 2013	89	11	0	100	864
	Spring, 2012	90	10	0	100	817
	Spring, 2011	87	13	0	100	821
Tunisia	Spring, 2013	62	38	0	100	864
	Spring, 2012	69	31	0	100	911
China	Spring, 2013	80	20	0	100	3080
	Spring, 2012	75	24	1	100	2953
	Spring, 2011	80	20	0	100	3061
Indonesia	Spring, 2013	96	4	0	100	777
	Spring, 2011	96	4	0	100	559
Malaysia	Spring, 2013	89	11	0	100	740
Pakistan	Spring, 2013	38	61	0	100	617
	Spring, 2012	36	63	1	100	631
	Late Spring, 2011	44	56	0	100	591
	Spring, 2011	46	53	0	100	951
Philippines	Spring, 2013	99	1	0	100	567
Argentina	Spring, 2013	93	7	0	100	688
Bolivia	Spring, 2013	70	30	0	100	642
Brazil	Spring, 2013	70	30	0	100	770
	Spring, 2012	72	28	0	100	674
Chile	Spring, 2013	75	21	4	100	719
El Salvador	Spring, 2013	47	52	1	100	630
Mexico	Spring, 2013	82	17	1	100	644
	Spring, 2012	93	7	1	100	732
	Spring, 2011	82	15	2	100	445
Venezuela	Spring, 2013	94	5	0	100	862
Ghana	Spring, 2013	58	41	1	100	663
Kenya	Spring, 2013	91	9	0	100	675
	Spring, 2011	89	11	0	100	753
Nigeria	Spring, 2013	92	7	1	100	829
Senegal	Spring, 2013	75	25	0	100	649
South Africa	Spring, 2013	94	6	0	100	741
Uganda	Spring, 2013	62	38	0	100	471

The wording "...other than making calls", was added in Spring 2013.

		Q76b ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, please tell me if this is something you do regularly or not? b. Take pictures or video				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	58	42	0	100	941
	Spring, 2012	55	45	1	100	885
	Spring, 2011	50	49	1	100	857
Turkey	Spring, 2013	41	59	0	100	902
	Spring, 2012	39	61	0	100	885
	Spring, 2011	44	55	1	100	860
Egypt	Spring, 2013	64	36	0	100	875
	Spring, 2012	56	44	1	100	763
	Spring, 2011	58	41	0	100	713
Jordan	Spring, 2013	48	49	3	100	945
	Spring, 2012	47	53	0	100	936
	Spring, 2011	43	57	0	100	947
Lebanon	Spring, 2013	35	65	0	100	864
	Spring, 2012	31	69	0	100	817
	Spring, 2011	33	67	0	100	821
Tunisia	Spring, 2013	36	64	0	100	864
	Spring, 2012	31	69	1	100	911
China	Spring, 2013	64	34	1	100	3080
	Spring, 2012	49	48	3	100	2953
	Spring, 2011	54	44	1	100	3061
Indonesia	Spring, 2013	46	54	0	100	777
	Spring, 2011	38	61	0	100	559
Malaysia	Spring, 2013	51	49	1	100	740
Pakistan	Spring, 2013	19	81	0	100	617
	Spring, 2012	13	86	1	100	631
	Late Spring, 2011	9	89	2	100	591
	Spring, 2011	12	86	1	100	951
Philippines	Spring, 2013	54	45	1	100	567
Argentina	Spring, 2013	61	39	0	100	688
Bolivia	Spring, 2013	53	47	0	100	642
Brazil	Spring, 2013	64	36	0	100	770
	Spring, 2012	62	38	0	100	674
Chile	Spring, 2013	67	29	4	100	719
El Salvador	Spring, 2013	44	55	1	100	630
Mexico	Spring, 2013	62	32	6	100	644
	Spring, 2012	70	29	1	100	732
	Spring, 2011	61	32	7	100	445
Venezuela	Spring, 2013	77	22	0	100	862
Ghana	Spring, 2013	51	47	2	100	663
Kenya	Spring, 2013	48	51	0	100	675
	Spring, 2011	31	69	0	100	753
Nigeria	Spring, 2013	60	39	1	100	829
Senegal	Spring, 2013	59	41	0	100	649
South Africa	Spring, 2013	65	35	1	100	741
Uganda	Spring, 2013	27	72	1	100	471

The wording "...other than making calls", was added in Spring 2013.

		Q76c ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, please tell me if this is something you do regularly or not? c. Get political news and information				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	16	82	2	100	941
	Spring, 2012	9	89	1	100	885
Turkey	Spring, 2013	10	89	1	100	902
	Spring, 2012	13	86	1	100	885
Egypt	Spring, 2013	23	77	0	100	875
	Spring, 2012	19	80	1	100	763
Jordan	Spring, 2013	13	84	3	100	945
	Spring, 2012	10	88	2	100	936
Lebanon	Spring, 2013	24	76	0	100	864
	Spring, 2012	22	78	0	100	817
Tunisia	Spring, 2013	7	93	0	100	864
	Spring, 2012	9	90	1	100	911
China	Spring, 2013	31	66	4	100	3080
	Spring, 2012	20	76	4	100	2953
Indonesia	Spring, 2013	12	87	1	100	777
Malaysia	Spring, 2013	22	76	2	100	740
Pakistan	Spring, 2013	9	89	2	100	617
	Spring, 2012	4	95	1	100	631
Philippines	Spring, 2013	11	89	1	100	567
Argentina	Spring, 2013	16	84	0	100	688
Bolivia	Spring, 2013	11	88	1	100	642
Brazil	Spring, 2013	12	88	0	100	770
	Spring, 2012	11	89	0	100	674
Chile	Spring, 2013	12	84	5	100	719
El Salvador	Spring, 2013	10	89	1	100	630
Mexico	Spring, 2013	24	67	9	100	644
	Spring, 2012	13	86	2	100	732
Venezuela	Spring, 2013	39	61	0	100	862
Ghana	Spring, 2013	19	79	2	100	663
Kenya	Spring, 2013	27	72	1	100	675
Nigeria	Spring, 2013	29	70	1	100	829
Senegal	Spring, 2013	23	76	1	100	649
South Africa	Spring, 2013	19	79	2	100	741
Uganda	Spring, 2013	23	77	0	100	471

The wording "...other than making calls", was added in Spring 2013.

		Q76d ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, please tell me if this is something you do regularly or not? d. Access a social networking site				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	31	68	1	100	941
	Spring, 2012	22	76	1	100	885
Turkey	Spring, 2013	19	81	0	100	902
	Spring, 2012	19	81	1	100	885
Egypt	Spring, 2013	26	74	0	100	875
	Spring, 2012	27	73	0	100	763
Jordan	Spring, 2013	28	69	3	100	945
	Spring, 2012	25	73	2	100	936
Lebanon	Spring, 2013	36	64	0	100	864
	Spring, 2012	29	71	0	100	817
Tunisia	Spring, 2013	15	85	0	100	864
	Spring, 2012	13	86	1	100	911
China	Spring, 2013	20	76	4	100	3080
	Spring, 2012	12	84	4	100	2953
Indonesia	Spring, 2013	23	76	1	100	777
Malaysia	Spring, 2013	27	71	2	100	740
Pakistan	Spring, 2013	3	94	3	100	617
	Spring, 2012	1	97	2	100	631
Philippines	Spring, 2013	17	83	1	100	567
Argentina	Spring, 2013	32	68	0	100	688
Bolivia	Spring, 2013	17	82	1	100	642
Brazil	Spring, 2013	19	81	0	100	770
	Spring, 2012	17	83	0	100	674
Chile	Spring, 2013	37	58	5	100	719
El Salvador	Spring, 2013	18	81	1	100	630
Mexico	Spring, 2013	30	58	12	100	644
	Spring, 2012	25	73	3	100	732
Venezuela	Spring, 2013	37	63	0	100	862
Ghana	Spring, 2013	19	79	3	100	663
Kenya	Spring, 2013	28	71	1	100	675
Nigeria	Spring, 2013	34	65	1	100	829
Senegal	Spring, 2013	13	87	1	100	649
South Africa	Spring, 2013	31	66	3	100	741
Uganda	Spring, 2013	10	88	2	100	471

The wording "...other than making calls", was added in Spring 2013.

		Q76e ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, tell me if this is something you do regularly or not? e. Get consumer information such as prices or availability of products				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	28	71	1	100	941
	Spring, 2012	20	78	2	100	885
Turkey	Spring, 2013	8	91	1	100	902
	Spring, 2012	14	85	1	100	885
Egypt	Spring, 2013	9	91	0	100	875
	Spring, 2012	6	91	3	100	763
Jordan	Spring, 2013	15	82	3	100	945
	Spring, 2012	17	81	2	100	936
Lebanon	Spring, 2013	16	84	0	100	864
	Spring, 2012	19	81	0	100	817
Tunisia	Spring, 2013	5	95	0	100	864
	Spring, 2012	12	87	1	100	911
China	Spring, 2013	16	80	4	100	3080
	Spring, 2012	11	84	4	100	2953
Indonesia	Spring, 2013	15	84	1	100	777
Malaysia	Spring, 2013	16	82	3	100	740
Pakistan	Spring, 2013	5	92	3	100	617
	Spring, 2012	2	96	2	100	631
Philippines	Spring, 2013	13	86	1	100	567
Argentina	Spring, 2013	17	83	0	100	688
Bolivia	Spring, 2013	9	90	1	100	642
Brazil	Spring, 2013	14	86	0	100	770
	Spring, 2012	11	89	0	100	674
Chile	Spring, 2013	25	70	5	100	719
El Salvador	Spring, 2013	13	86	0	100	630
Mexico	Spring, 2013	17	72	12	100	644
	Spring, 2012	10	87	3	100	732
Venezuela	Spring, 2013	29	70	1	100	862
Ghana	Spring, 2013	9	88	3	100	663
Kenya	Spring, 2013	11	88	1	100	675
Nigeria	Spring, 2013	23	76	1	100	829
Senegal	Spring, 2013	16	83	1	100	649
South Africa	Spring, 2013	23	73	4	100	741
Uganda	Spring, 2013	16	84	0	100	471

The wording "...other than making calls", was added in Spring 2013.

		Q76f ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, tell me if this is something you do regularly or not? f. Get information about health and medicine for you or your family				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	15	84	1	100	941
Turkey	Spring, 2013	10	90	0	100	902
Egypt	Spring, 2013	23	77	0	100	875
Jordan	Spring, 2013	9	88	3	100	945
Lebanon	Spring, 2013	6	94	0	100	864
Tunisia	Spring, 2013	6	94	0	100	864
China	Spring, 2013	15	81	4	100	3080
Indonesia	Spring, 2013	14	85	1	100	777
Malaysia	Spring, 2013	15	82	3	100	740
Pakistan	Spring, 2013	20	77	3	100	617
Philippines	Spring, 2013	15	84	1	100	567
Argentina	Spring, 2013	14	86	0	100	688
Bolivia	Spring, 2013	11	88	1	100	642
Brazil	Spring, 2013	13	87	0	100	770
Chile	Spring, 2013	24	71	5	100	719
El Salvador	Spring, 2013	13	87	0	100	630
Mexico	Spring, 2013	18	71	11	100	644
Venezuela	Spring, 2013	30	69	1	100	862
Ghana	Spring, 2013	10	88	2	100	663
Kenya	Spring, 2013	13	86	1	100	675
Nigeria	Spring, 2013	28	72	1	100	829
Senegal	Spring, 2013	17	82	1	100	649
South Africa	Spring, 2013	22	75	3	100	741
Uganda	Spring, 2013	17	83	0	100	471

		Q76g ASK IF CELL PHONE OWNER: I am going to read you a list of things people do on cell phones, other than making calls. For each, please tell me if this is something you do regularly or not? g. Make or receive payments				
		Yes	No	DK/Refused	Total	N=
Russia	Spring, 2013	24	74	1	100	941
Turkey	Spring, 2013	4	95	0	100	902
Egypt	Spring, 2013	6	94	0	100	875
Jordan	Spring, 2013	5	92	3	100	945
Lebanon	Spring, 2013	4	96	0	100	864
Tunisia	Spring, 2013	3	96	0	100	864
China	Spring, 2013	10	86	4	100	3080
Indonesia	Spring, 2013	4	95	1	100	777
Malaysia	Spring, 2013	11	87	2	100	740
Pakistan	Spring, 2013	9	87	4	100	617
Philippines	Spring, 2013	11	89	1	100	567
Argentina	Spring, 2013	9	91	0	100	688
Bolivia	Spring, 2013	3	96	1	100	642
Brazil	Spring, 2013	5	95	0	100	770
Chile	Spring, 2013	11	84	5	100	719
El Salvador	Spring, 2013	5	95	1	100	630
Mexico	Spring, 2013	11	74	15	100	644
Venezuela	Spring, 2013	18	82	1	100	862
Ghana	Spring, 2013	11	86	2	100	663
Kenya	Spring, 2013	68	31	1	100	675
Nigeria	Spring, 2013	13	84	3	100	829
Senegal	Spring, 2013	24	75	1	100	649
South Africa	Spring, 2013	29	68	3	100	741
Uganda	Spring, 2013	50	50	0	100	471

		Q192 Do you have a working landline telephone in your house or not?			
		Yes, have landline phone	No, do not	DK/Refused	Total
Russia	Spring, 2013	52	46	2	100
Turkey	Spring, 2013	45	54	1	100
Egypt	Spring, 2013	32	68	0	100
Jordan	Spring, 2013	22	78	0	100
Lebanon	Spring, 2013	80	20	0	100
Tunisia	Spring, 2013	27	72	0	100
China	Spring, 2013	30	70	0	100
Indonesia	Spring, 2013	3	97	0	100
Malaysia	Spring, 2013	18	82	0	100
Pakistan	Spring, 2013	4	96	1	100
Philippines	Spring, 2013	8	91	1	100
Argentina	Spring, 2013	59	40	1	100
Bolivia	Spring, 2013	23	75	2	100
Brazil	Spring, 2013	40	60	0	100
Chile	Spring, 2013	38	61	1	100
El Salvador	Spring, 2013	21	78	0	100
Mexico	Spring, 2013	41	58	1	100
Venezuela	Spring, 2013	51	49	0	100
Ghana	Spring, 2013	1	98	1	100
Kenya	Spring, 2013	1	99	0	100
Nigeria	Spring, 2013	5	95	0	100
Senegal	Spring, 2013	6	94	0	100
South Africa	Spring, 2013	6	94	0	100
Uganda	Spring, 2013	2	98	1	100