

DIGITAL IN 2018 IN SOUTHERN ASIA

ESSENTIAL INSIGHTS INTO INTERNET, SOCIAL MEDIA, MOBILE, AND ECOMMERCE USE ACROSS THE REGION



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COUNTRIES INCLUDED IN EACH ASIA REPORT

DIGITAL IN 2018 IN WESTERN ASIA Etr "Induk	DIGITAL IN 2018 IN WESTERN ASIA Etr "wwate	DIGITAL IN 2018 IN CENTRAL ASIA Bu "Matak	DIGITAL IN 2018 IN SOUTHERN ASIA	DIGITAL IN 2018 IN SOUTHEAST ASIA	DIGITAL IN 2018 IN SOUTHEAST ASIA Bu Thurste	DIGITAL IN 2018 IN EASTERN ASIA Bu Thomas
WESTERN ASIA	WESTERN ASIA	CENTRAL	SOUTHERN	SOUTHEAST ASIA	SOUTHEAST ASIA	EASTERN
PART 1: NORTH-WEST	PART 2: SOUTH-EAST	ASIA	ASIA	PART 1: NORTH-WEST	PART 1: SOUTH-EAST	ASIA
ARMENIA	BAHRAIN	KAZAKHSTAN	AFGHANISTAN	CHINA	CAMBODIA	BRUNEI
AZERBAIJAN	IRAQ	KYRGYZSTAN	BANGLADESH	HONG KONG	LAOS	INDONESIA
CYPRUS	KUWAIT	TAJIKISTAN	BHUTAN	JAPAN	MYANMAR	MALAYSIA
GEORGIA	OMAN	TURKMENISTAN	INDIA	KOREA, NORTH	THAILAND	PHILIPPINES
ISRAEL	QATAR	UZBEKISTAN	IRAN	KOREA, SOUTH	VIETNAM	SINGAPORE
JORDAN	SAUDI ARABIA		MALDIVES	MACAU		TIMOR-LESTE
LEBANON	UNITED ARAB EMIRATES		NEPAL	MONGOLIA		
PALESTINE	УЕМЕN		PAKISTAN	TAIWAN		
SYRIA			SRI LANKA			
TURKEY						



CLICK THE COUNTRY NAMES BELOW TO ACCESS OUR IN-DEPTH COUNTRY REPORTS

GLOBAL YEARBOOK	BRUNEI	DOMINICAN REP.	GUYANA	LIBERIA	NEPAL	ST KITTS & NEVIS	TAJIKISTAN
AFGHANISTAN	BULGARIA	ECUADOR	HAITI	LIBYA	NETHERLANDS	ST LUCIA	TANZANIA
ALBANIA	BURKINA FASO	EGYPT	HONDURAS	LIECHTENSTEIN	NEW CALEDONIA	ST MARTIN	THAILAND
ALGERIA	BURUNDI	EL SALVADOR	HONG KONG	LITHUANIA	NEW ZEALAND	ST PIERRE & MIQUELON	TIMOR-LESTE
AMERICAN SAMOA	CABO VERDE	EQUATORIAL GUINEA	HUNGARY	LUXEMBOURG	NICARAGUA	ST VINCENT, GRENADINES	TOGO
ANDORRA	CAMBODIA	ERITREA	ICELAND	MACAU	NIGER	SAMOA	TOKELAU
ANGOLA	CAMEROON	ESTONIA	INDIA	TFYR MACEDONIA	NIGERIA	SAN MARINO	TONGA
ANGUILLA	CANADA	ETHIOPIA	INDONESIA	MADAGASCAR	NIUE	SÃO TOMÉ & PRÍNCIPE	TRINIDAD & TOBAGO
ANTIGUA & BARBUDA	CAYMAN IS.	FAROE IS.	IRAN	MALAWI	NORFOLK IS.	SAUDI ARABIA	TUNISIA
ARGENTINA	CENTRAL AFRICAN REP.	FALKLAND IS.	IRAQ	MALAYSIA	NORTHERN MARIANA IS.	SENEGAL	TURKEY
ARMENIA	CHAD	FIJI	IRELAND	MALDIVES	NORWAY	SERBIA	TURKMENISTAN
ARUBA	CHILE	FINLAND	ISLE OF MAN	MALI	OMAN	SEYCHELLES	TURKS & CAICOS IS.
AUSTRALIA	CHINA	FRANCE	ISRAEL	MALTA	PAKISTAN	SIERRA LEONE	TUVALU
AUSTRIA	CHRISTMAS IS.	FRENCH GUIANA	ITALY	MARSHALL IS.	PALAU	SINGAPORE	UGANDA
AZERBAIJAN	COCOS IS.	FRENCH POLYNESIA	JAMAICA	MARTINIQUE	PALESTINE	ST MAARTEN	UKRAINE
BAHAMAS	COLOMBIA	GABON	JAPAN	MAURITANIA	PANAMA	SLOVAKIA	U.A.E.
BAHRAIN	COMOROS	GAMBIA	JERSEY	MAURITIUS	PAPUA NEW GUINEA	SLOVENIA	U.K.
BANGLADESH	CONGO, DEM. REP.	GEORGIA	JORDAN	ΜΑΥΟΤΤΕ	PARAGUAY	SOLOMON IS.	U.S.A.
BARBADOS	CONGO, REP.	GERMANY	KAZAKHSTAN	MEXICO	PERU	SOMALIA	URUGUAY
BELARUS	COOK IS.	GHANA	КЕМУА	MICRONESIA	PHILIPPINES	SOUTH AFRICA	UZBEKISTAN
BELGIUM	COSTA RICA	GIBRALTAR	KIRIBATI	MOLDOVA	POLAND	SOUTH SUDAN	VANUATU
BELIZE	CÔTE D'IVOIRE	GREECE	KOREA, NORTH	MONACO	PORTUGAL	SPAIN	VENEZUELA
BENIN	CROATIA	GREENLAND	KOREA, SOUTH	MONGOLIA	PUERTO RICO	SRI LANKA	VIETNAM
BERMUDA	CUBA	GRENADA	KOSOVO	MONTENEGRO	QATAR	SUDAN	BRITISH VIRGIN IS.
BHUTAN	CURAÇAO	GUADELOUPE	KUWAIT	MONTSERRAT	RÉUNION	SURINAME	U.S. VIRGIN IS.
BOLIVIA	CYPRUS	GUAM	KYRGYZSTAN	MOROCCO	ROMANIA	SWAZILAND	WALLIS & FUTUNA
BONAIRE, ST EUSTATIUS, SABA	CZECH REP.	GUATEMALA	LAOS	MOZAMBIQUE	RUSSIA	SWEDEN	WESTERN SAHARA
BOSNIA & HERZEGOVINA	DENMARK	GUERNSEY	LATVIA	MYANMAR	RWANDA	SWITZERLAND	YEMEN
BOTSWANA	DJIBOUTI	GUINEA	LEBANON	NAMIBIA	ST BARTHÉLEMY	SYRIA	ZAMBIA
BRAZIL	DOMINICA	GUINEA-BISSAU	LESOTHO	NAURU	ST HELENA	TAIWAN	ZIMBABWE



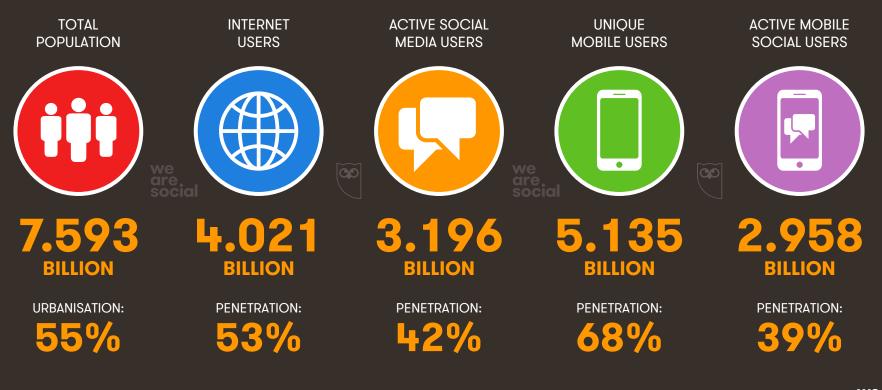
GLOBAL OVERVIEW



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DIGITAL AROUND THE WORLD IN 2018

KEY STATISTICAL INDICATORS FOR THE WORLD'S INTERNET, MOBILE, AND SOCIAL MEDIA USERS

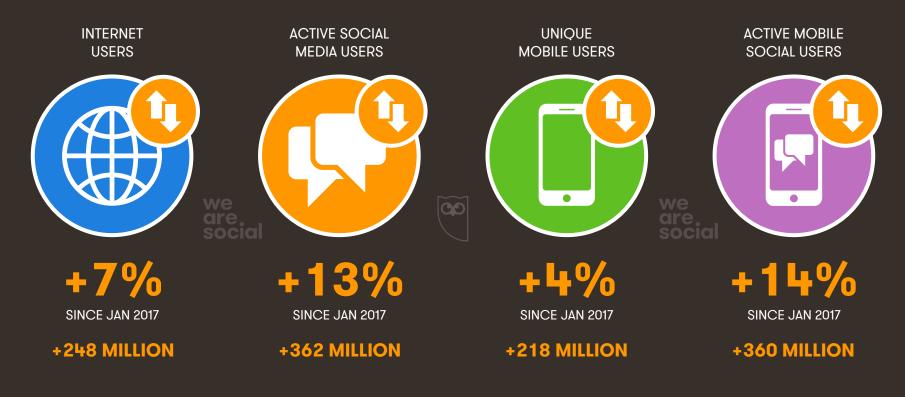


SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).



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ANNUAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS

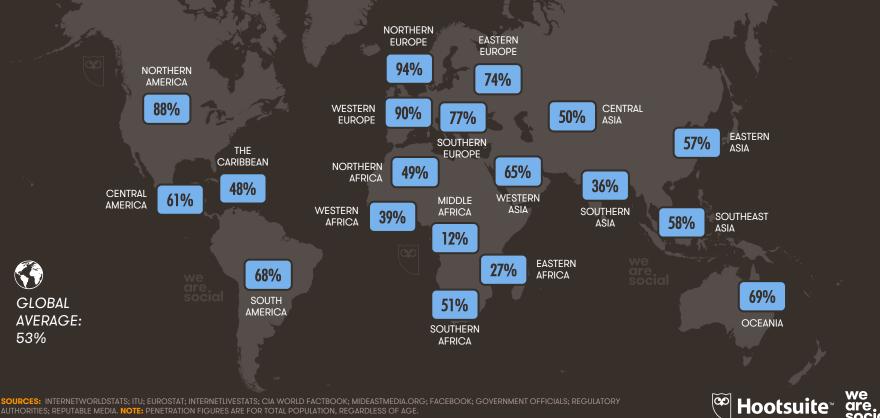


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INTERNET PENETRATION BY REGION

REGIONAL PENETRATION FIGURES. COMPARING INTERNET USERS TO TOTAL POPULATION



socia

AUTHORITIES: REPUTABLE MEDIA, NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

SOCIAL MEDIA PENETRATION BY REGION 2018

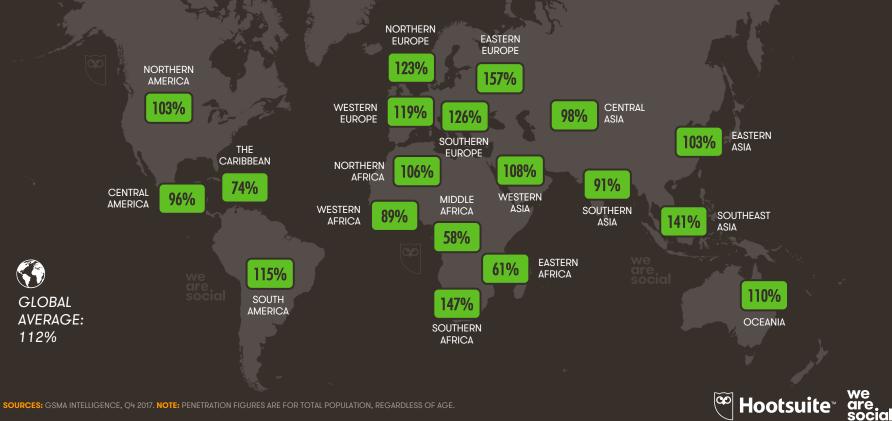
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TOTAL ACTIVE ACCOUNTS ON THE MOST ACTIVE SOCIAL NETWORK IN EACH COUNTRY, COMPARED TO POPULATION



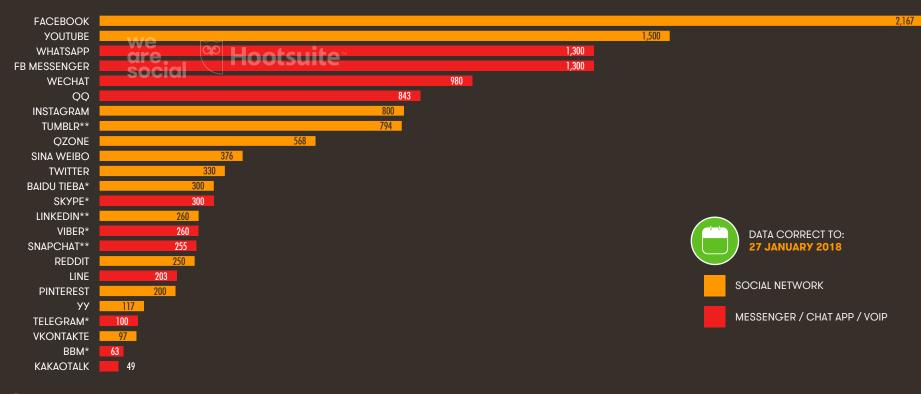
MOBILE CONNECTIVITY BY REGION

THE NUMBER OF MOBILE CONNECTIONS COMPARED TO POPULATION (NOTE: NOT UNIQUE USERS)



ACTIVE USERS OF KEY GLOBAL SOCIAL PLATFORMS

BASED ON THE MOST RECENTLY PUBLISHED MONTHLY ACTIVE USER ACCOUNTS FOR EACH PLATFORM, IN MILLIONS



SOURCES: KEPIOS ANALYSIS; LATEST COMPANY EARNINGS RELEASES, PRESS RELEASES OR MEDIA STATEMENTS; REPORTS IN REPUTABLE MEDIA; ALL AS OF JANUARY 2018. *ADVISORY: PLATFORMS IDENTIFIED BY (*) HAVE NOT PUBLISHED UPDATED USER FIGURES IN THE PAST 12 MONTHS, SO FIGURES MAY BE LESS RELIABLE. **NOTES: THESE PLATFORMS DO NOT PUBLISH MAU DATA. TUMBLR FIGURE IS FOR MONTHLY UNIQUE VISITORS IN DEC 2017, VIA SIMILARWEB. SNAPCHAT FIGURE VIA TECHCRUNCH, JUN 2017. LINKEDIN DATA VIA FORTUNE / APPTOPIA, APR 2017.

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TOP MESSENGER APPS BY COUNTRY JAN 2018

BASED ON THE GOOGLE PLAY STORE RANK FOR EACH COUNTRY IN DECEMBER 2017



SOURCE: SIMILARWEB, JANUARY 2018, BASED ON THE GOOGLE PLAY APP STORE RANK FOR DECEMBER 2017. FIGURES IN PARENTHESES



WE ARE SOCIAL'S ANALYSIS: DIGITAL IN 2018

With more than 4 billion people using the internet for an average of 6 hours each per day, digital has become an essential part of everyday life for most of us. We're using that connectivity in almost every aspect of our lives, whether it's chatting with friends, playing games, researching products, tracking our health, or even finding love. As a result, brands need to evolve beyond today's siloed approach to digital, and build seamless digital integration into everything they do – just as our audiences already have. Here are some tips to help with that:





Start with what people really need and want, and not just what the technology can do

Focus on creating mutual value at every opportunity, instead of simply 'selling more stuff'

Make it easy for people to buy online as soon as they're ready, wherever they are

Harness digital tools to keep the conversation going, even after you make a successful sale

To learn more about what these Digital, Social and Mobile trends mean for your brand, <u>click here to download our Think Forward report</u>.



HOOTSUITE'S PERSPECTIVE: 2018 SOCIAL TRENDS



The evolution of social ROI. It's the end of the road for vanity metrics. Expect to see more organisations evolve their metrics as they look to quantify social's contribution to tangible business challenges such as lowering costs, increasing revenue, mitigating risk, and attracting talent.



Mobile fuels the growth of social TV. In 2018, social networks will encourage brands to become broadcasters as mobile video and social-TV content take the spotlight. We advise caution here as the metrics that bump the stock price of social networks—such as mobile video views—might not help your organisation achieve your own business outcomes.



Trust declines, while peer influence rises. From Trump's tumultuous triumph over traditional media to the fake news phenomenon, we saw a shift in media culture in 2017. It's clear we're moving away from trusting traditional institutions—and moving towards smaller spheres of influence where customer communities and engaged employees matter more than ever.



Humans, meet Al. The machines have risen. And marketers have discovered they can be delightfully useful. But while marketers rush ahead with chatbots and Al-generated content, it's still unclear whether customers will value these human-less engagements.



The promise (and reality) of social data. From tying together analytics systems to CRM integrations, marketers underestimated the complexity of social data initiatives. Organisations must recalculate the effort and resources needed to turn social data into a true—and unified—source of customer insights.

<u>Click here to download our 2018 Social Media Trends Toolkit</u> to align your strategy with the year's key social network and digital trends.



CLICK HERE TO READ 'DIGITAL IN 2018', OUR MAIN GLOBAL OVERVIEW REPORT





IN-DEPTH COUNTRY PROFILES





AFGHANISTAN



JAN 2018 DIGITAL IN AFGHANISTAN A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS





SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).





ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS



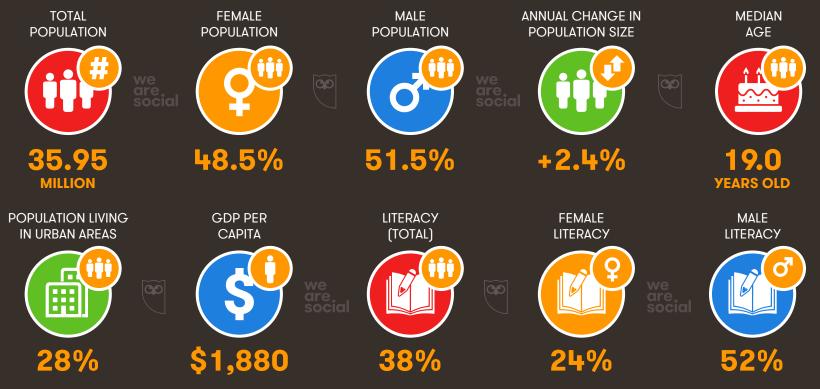


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POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS



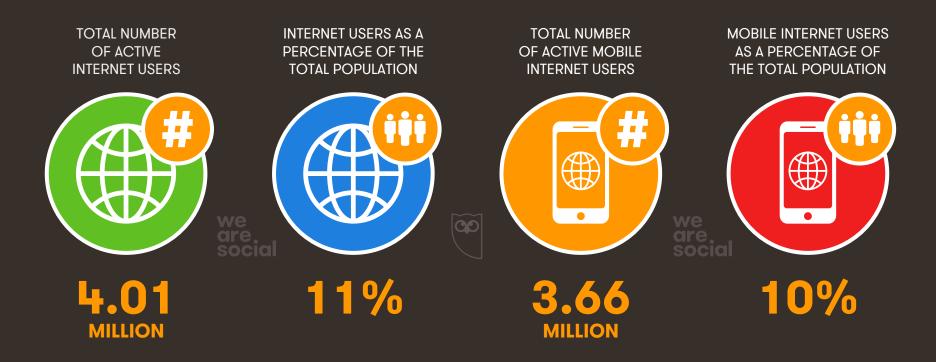




21

INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES

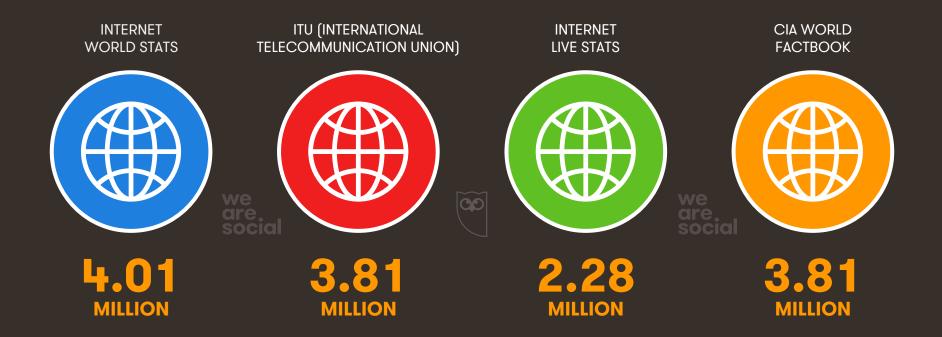






INTERNET USERS: DIFFERENT PERSPECTIVES

REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS

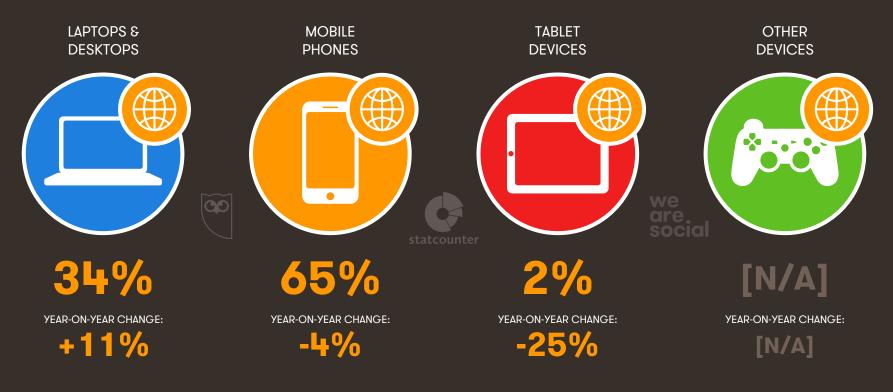




SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS





23 SOURCES: STATCOUNTER, JANUARY 2018, AND STATCOUNTER, JANUARY 2017.

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ALEXA'S RANKING OF TOP WEBSITES

RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.COM.AF	6M 24S	7.88	11 LIVE.COM	4M 03S	3.41
02 GOOGLE.COM	7M 32S	8.56	12 SAVEFROM.NET	3M 03S	1.32
03 YOUTUBE.COM	8M 18S	4.79	13 VARZESH3.COM	8M 08S	6.05
04 FACEBOOK.COM	10M 21S	4.00	14 BOOKSECURE.NET	10M 29S	7.45
05 УАНОО.СОМ	4M 02S	3.61	15 ASK.COM	1M 59S	1.92
06 ACBAR.ORG	9M 02S	7.10	16 AZADIRADIO.COM	7M 03S	4.49
07 BBC.COM	4M 09S	2.68	17 MSN.COM	3M 51S	2.53
08 WIKIPEDIA.ORG	4M 16S	3.31	18 ESPNCRICINFO.COM	6M 05S	3.34
09 JOBS.AF	4M 26S	2.89	19 SOFTONIC.COM	2M 21S	2.65
10 APARAT.COM	7M 08S	5.34	20 FLYARIANA.COM	14M 04S	4.71

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



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TOP GOOGLE SEARCH QUERIES IN 2017

RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY		INDEX
01 GOOGLE		100
02 FACEBOOK	we are	80
03	عكس	64
04	افغانستان	57
05 AFGHANISTAN		52
06 TRANSLATE		52
07 YOUTUBE		52
08	فلم	52
09 VIDEO		49
10 KABUL		40

#	QUERY		INDEX
11	GOOGLE TRANSLATE		39
12	WEATHER		34
13	GMAIL		29
14	(لباس	28
15	SEXY		26
16		فيلم	26
17	CRICINFO		23
18	NEWS		21
19	CRICKET		20
20	BBC		18

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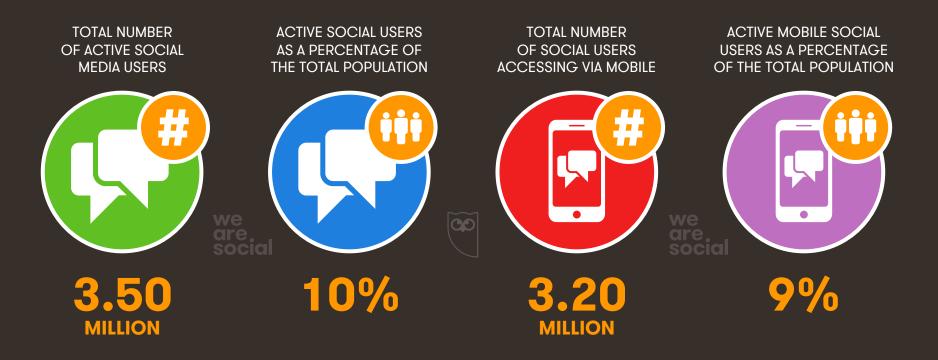
SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).



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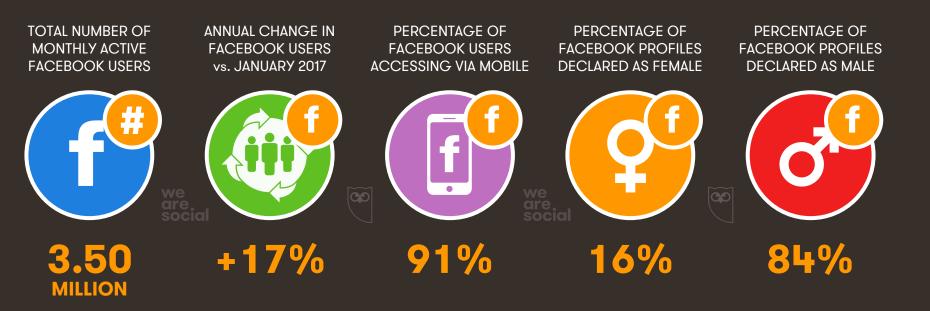
SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY





JAN 2018 FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS

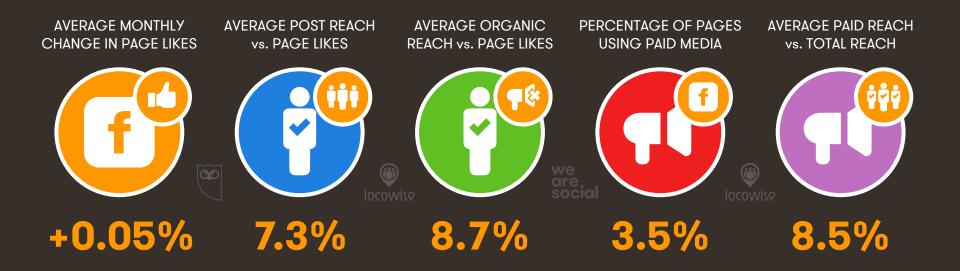




SOURCE: EXTRAPOLATION OF FACEBOOK DATA, JANUARY 2018.

JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA





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AVERAGE ENGAGEMENT



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AVERAGE ENGAGEMENT

AVERAGE ENGAGEMENT



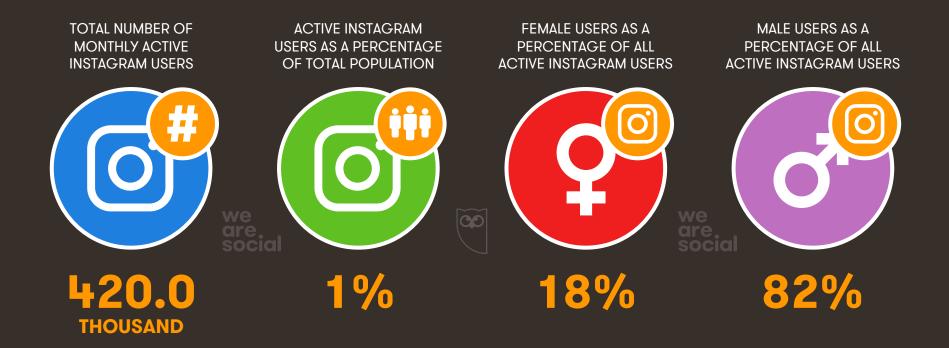


AVERAGE ENGAGEMENT



INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER

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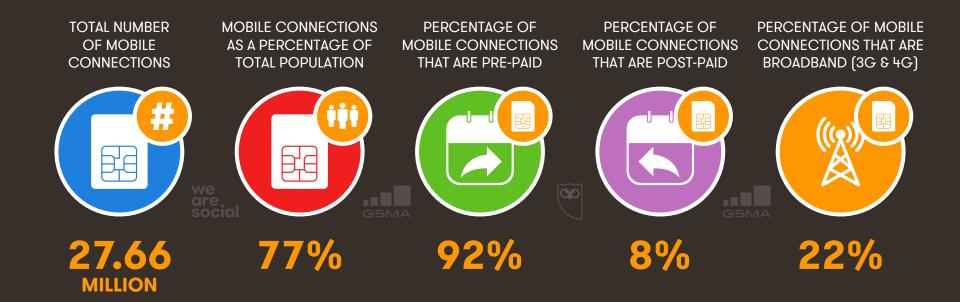


SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

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MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)



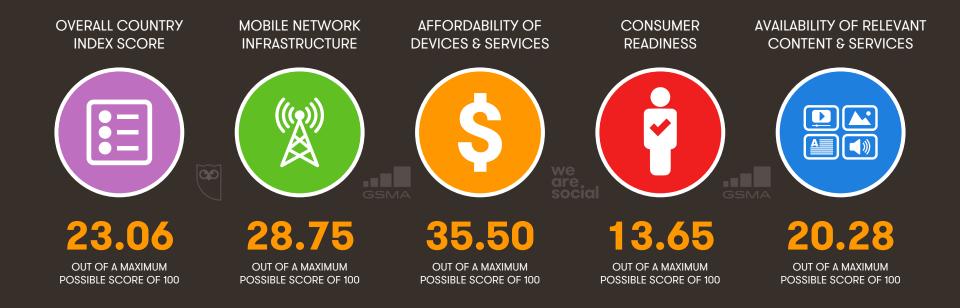




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MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY







FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE







BANGLADESH



JAN DIGITAL IN BANGLADESH A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS





SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).



ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS



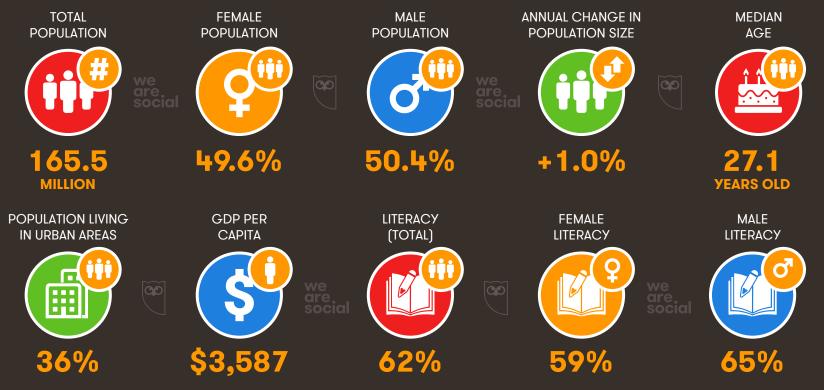


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POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS





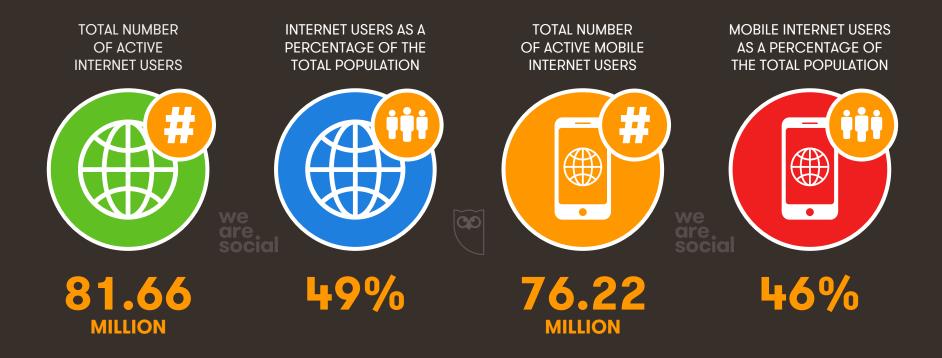
SOURCES: UNITED NATIONS; US CENSUS BUREAU; UNESCO; WORLD BANK, IMF; CIA WORLD FACTBOOK.



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INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES

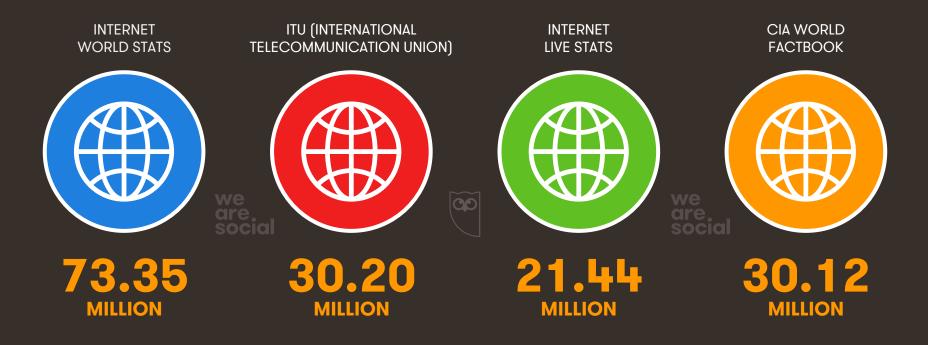






INTERNET USERS: DIFFERENT PERSPECTIVES

REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS



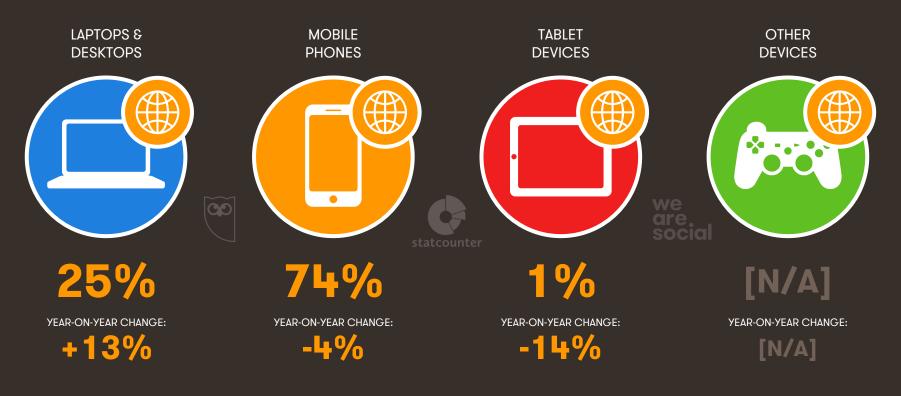


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40

SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS



41

ALEXA'S RANKING OF TOP WEBSITES



RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.COM	7M 32S	8.56	11 XVIDEOS.COM	14M 04S	10.15
02 YOUTUBE.COM	8M 18S	4.79	12 BDJOBS.COM	12M 41S	9.65
03 FACEBOOK.COM	10M 21S	4.00	13 BD-PRATIDIN.COM	13M 05S	4.56
04 GOOGLE.COM.BD	1M 50S	3.35	14 BLOGSPOT.COM	2M 38S	2.12
05 YAHOO.COM	4M 02S	3.61	15 TELETALK.COM.BD	8M 45S	4.73
06 KALERKANTHO.COM	6M 12S	2.64	16 PROTHOM-ALO.COM	10M 02S	5.66
07 BD24LIVE.COM	4M 10S	2.16	17 ZOOMBANGLA.COM	6M 03S	2.75
08 WIKIPEDIA.ORG	4M 16S	3.31	18 GRAMEENPHONE.COM	3M 30S	2.14
09 PROTHOMALO.COM	9M 51S	4.48	19 JAGONEWS24.COM	8M 43S	3.21
10 DARAZ.COM.BD	3M 05S	2.34	20 ESKIMI.COM	13M 35S	10.40

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



TOP GOOGLE SEARCH QUERIES IN 2017

RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX
01 BANGLA	100
02 VIDEO	86
03 SONG	65
04 BANGLADESH	47
05 FACEBOOK	33
06 YOUTUBE	22
07 WWW	20
08 GOOGLE	18
09 CRICBUZZ	14
10 CRICKET	14

#	QUERY	INDEX
11	BANGLA SONG	13
12	ΝΑΤΟΚ	13
13	FB	12
14	NEW SONG	11
15	TEER	11
16	GMAIL	10
17	СНОТІ	9
18	CRICKET LIVE	8
19	PROTHOM ALO	8
20	TRANSLATE	8

SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).

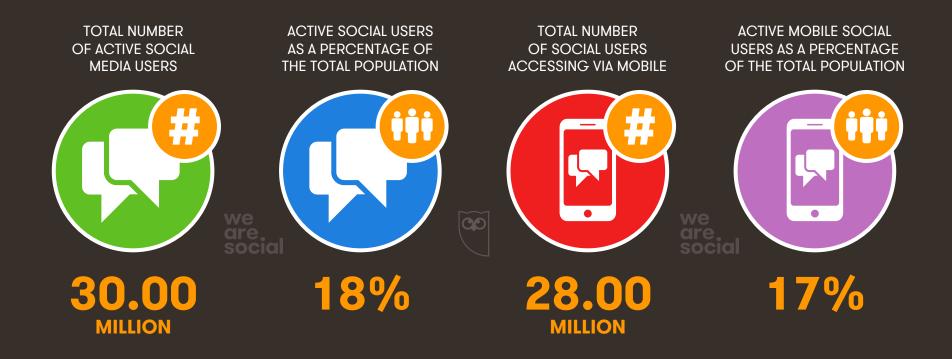


43

SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY

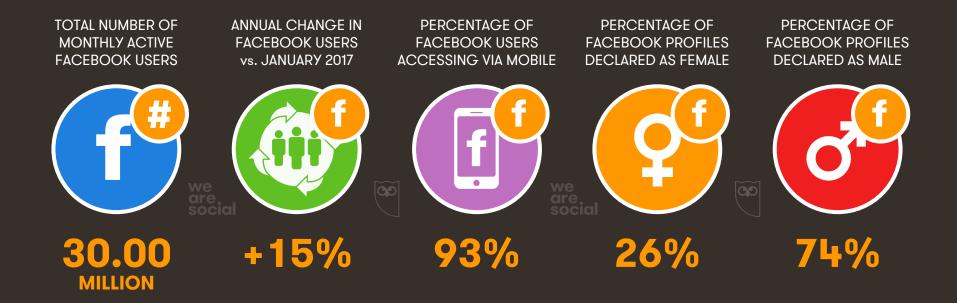






JAN 2018 FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS



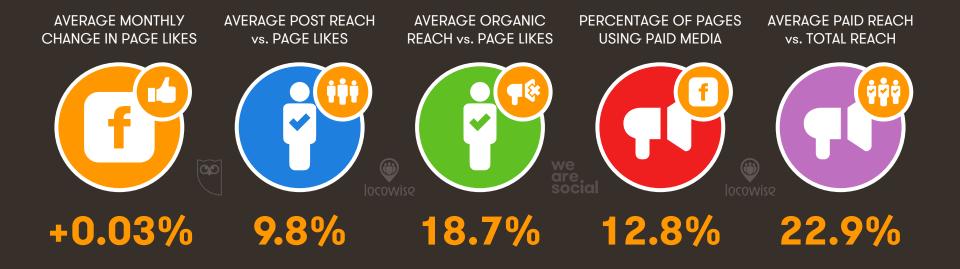




SOURCE: EXTRAPOLATION OF FACEBOOK DATA, JANUARY 2018.

JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA





SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: REACH FIGURES COMPARE THE NUMBER OF TIMES THAT A POST WAS SERVED IN USERS' NEWSFEEDS TO THE TOTAL NUMBER OF PAGE 'FANS' (I.E. USERS THAT HAD LIKED THE PAGE) AT THE TIME THAT THE POST WAS PUBLISHED.



4.16%

AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

PAGE POSTS (ALL TYPES)

5.44%

AVERAGE ENGAGEMENT

4.27%

3.9

3.96%





AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE PHOTO POSTS

AVERAGE FACEBOOK ENGAGEMENT RATES

THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE LINK POSTS AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE STATUS POSTS

SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: ENGAGEMENT RATES COMPARE THE NUMBER OF PEOPLE WHO INTERACTED WITH A POST TO THE TOTAL NUMBER OF UNIQUE USERS TO WHOM THAT POST WAS SERVED, REGARDLESS OF WHETHER THOSE USERS WERE FANS OF THE PAGE AT THAT TIME.



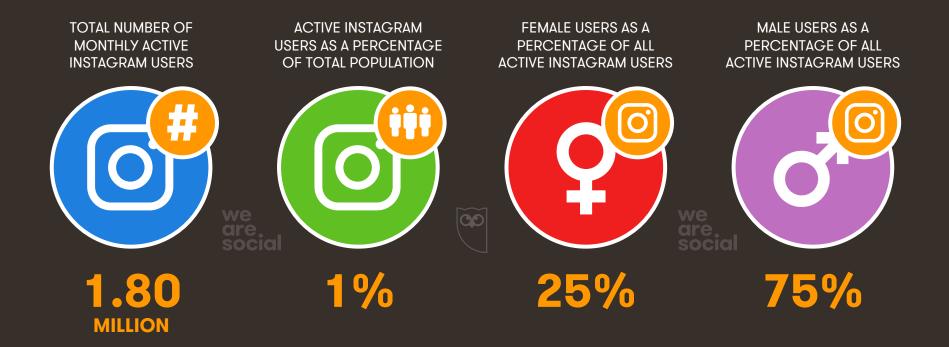
46

JAN 2018



INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER





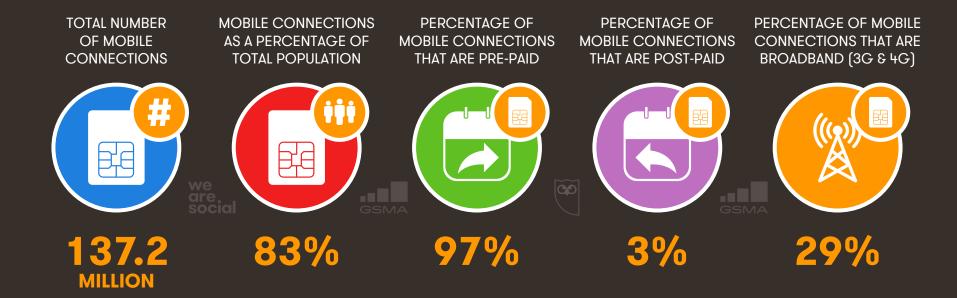


SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

48

MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)







49

MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY







FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE







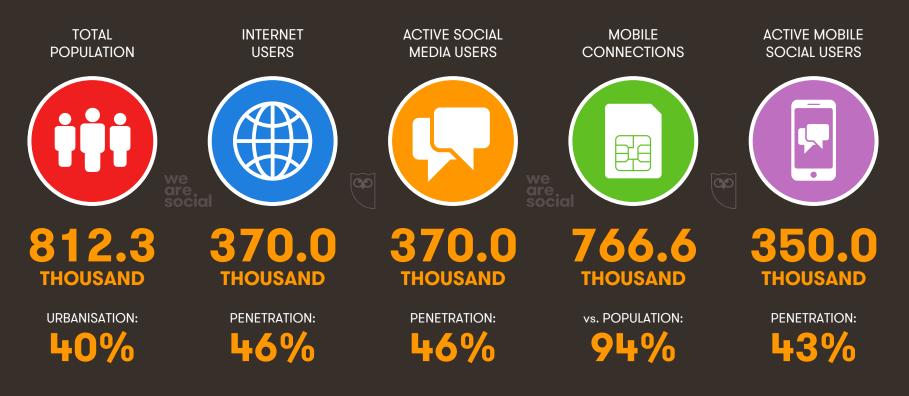
BHUTAN



JAN DIC 2018 A SNAPSHO

DIGITAL IN BHUTAN A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS





SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING-TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).





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ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS



INTERNET **ACTIVE SOCIAL** MOBILE **ACTIVE MOBILE** USERS **MEDIA USERS** CONNECTIONS SOCIAL USERS 00 00 +18% +28% +3% +30% SINCE JAN 2017 SINCE JAN 2017 SINCE JAN 2017 SINCE JAN 2017 +56 THOUSAND +80 THOUSAND +21 THOUSAND +80 THOUSAND

SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.

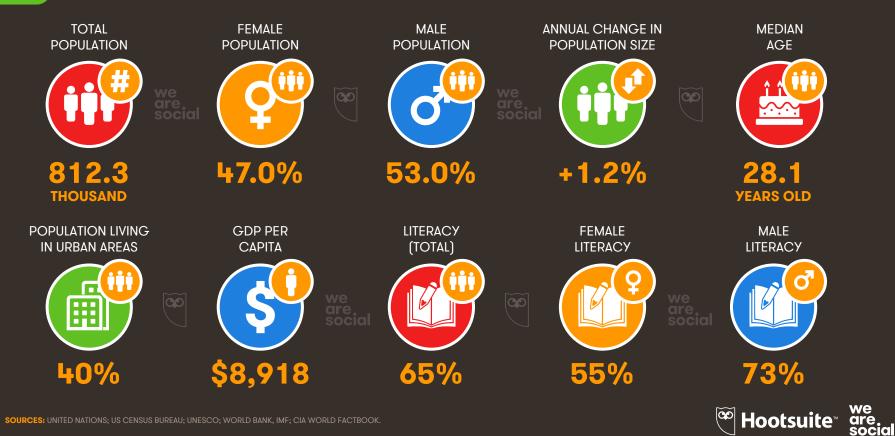


54

POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS



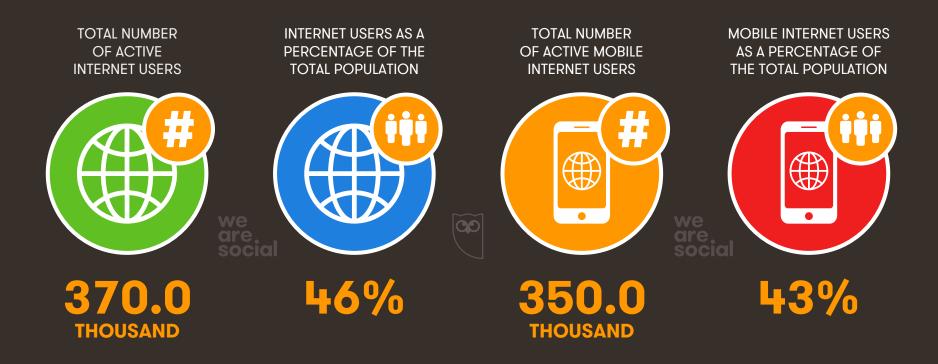




55

INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES



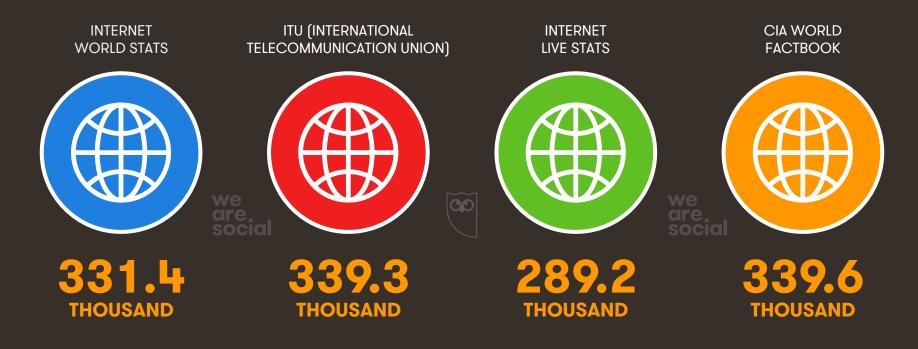




INTERNET USERS: DIFFERENT PERSPECTIVES



REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS





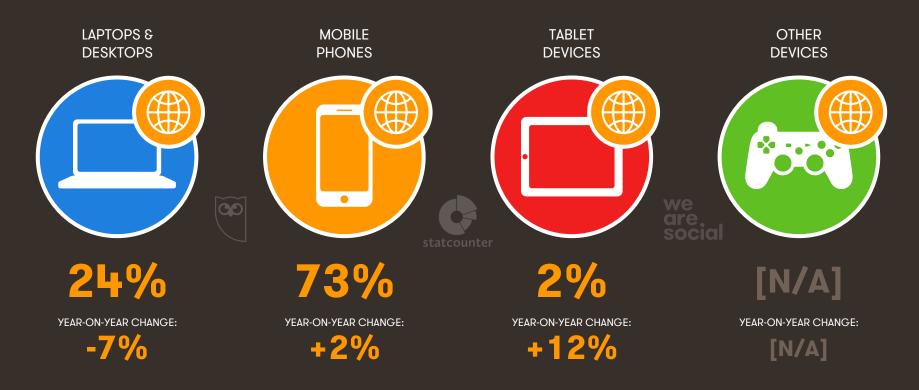
SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

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SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS







ALEXA'S RANKING OF TOP WEBSITES



RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.BT	6M 44S	8.35	11 ASK.COM	1M 59S	1.92
02 GOOGLE.COM	7M 32S	8.56	12 GOOGLE.CO.IN	7M 04S	10.45
03 YOUTUBE.COM	8M 18S	4.79	13 BBS.BT	3M 35S	2.50
04 FACEBOOK.COM	10M 21S	4.00	14 MYRBPEMS.BT	2M 20S	10.00
05 YAHOO.COM	4M 02S	3.61	15 BT.BT	3M 54S	2.60
06 RCSC.GOV.BT	5M 25S	3.78	16 MOF.GOV.BT	5M 26S	4.40
07 KUENSELONLINE.COM	5M 28S	2.52	17 CITIZENSERVICES.GOV.BT	10M 07S	4.10
08 WIKIPEDIA.ORG	4M 16S	3.31	18 SAVEFROM.NET	^{al} 3M 03S	1.32
09 DRC.GOV.BT	12M 05S	4.60	19 BOB.BT	4M 41S	3.10
10 GOOGLEUSERCONTENT.COM	2M 42S	1.86	20 DELOTON.COM	1M 02S	1.52

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



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TOP GOOGLE SEARCH QUERIES IN 2017



RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX
O1 BHUTAN	100
02 FACEBOOK	47
03 DOWNLOAD	46
04 VIDEO	35
05 QUOTES	23
06 YOU	19
07 FACEBOOK LOGIN	19
08 GOOGLE	17
09 LOVE	17
10 YOUTUBE	16

11 SEXУ 15 12 FUCK 12 13 GMAIL 11 14 TEER 9 15 JAPANESE 9 16 WWW 8 17 EPL 8 18 WWW.FACEBOOK.COM 7 19 GAME 7	#	QUERY	INDEX
13GMAIL1114TEER915JAPANESE916WWW817EPL818WWW.FACEBOOK.COM719GAME7	11	SEXY	15
14TEER915JAPANESE916WWW817EPL818WWW.FACEBOOK.COM719GAME7	12	FUCK	12
15JAPANESE916WWW817EPL818WWW.FACEBOOK.COM719GAME7	13	GMAIL	11
16WWW817EPL818WWW.FACEBOOK.COM719GAME7	14	TEER	9
17 EPL 8 18 WWW.FACEBOOK.COM 7 19 GAME 7	15	JAPANESE	9
18 WWW.FACEBOOK.COM 7 19 GAME 7	16	WWW	8
19 GAME 7	17	EPL	8
	18	WWW.FACEBOOK.COM	7
	19	GAME	7
20 GAMES 7	20	GAMES	7

SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).

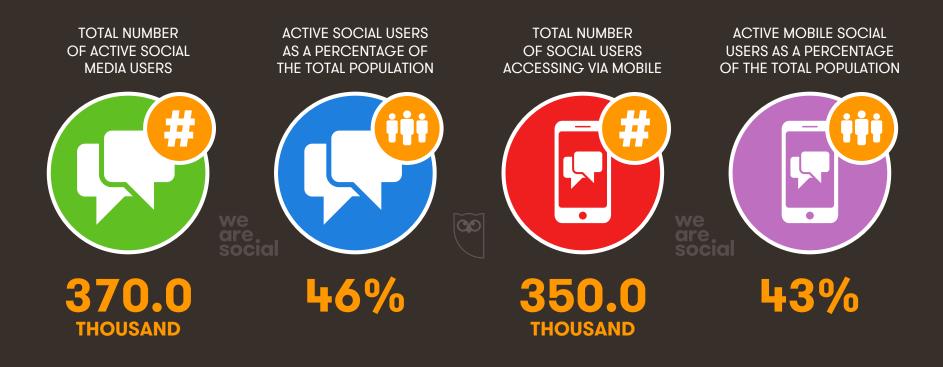


60

SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY

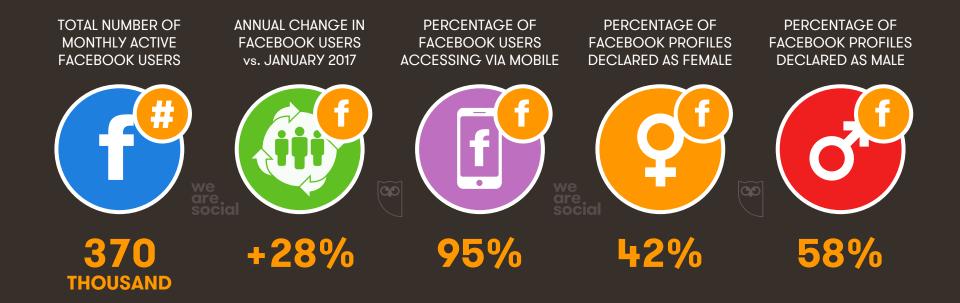






JAN 2018 FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS



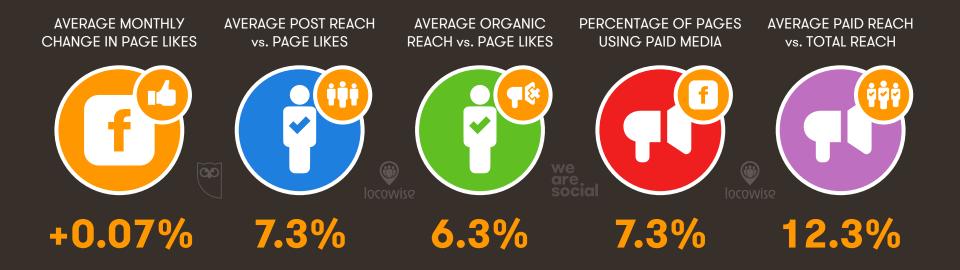




SOURCE: EXTRAPOLATION OF FACEBOOK DATA, JANUARY 2018.

JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA







AVERAGE ENGAGEMENT AVERAGE ENGAGEMENT AVERAGE ENGAGEMENT AVERAGE ENGAGEMENT AVERAGE ENGAGEMENT RATE FOR FACEBOOK RATE FOR FACEBOOK RATE FOR FACEBOOK RATE FOR FACEBOOK

AVERAGE FACEBOOK ENGAGEMENT RATES

THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

PAGE POSTS (ALL TYPES) PAGE VIDEO POSTS PAGE PHOTO POSTS PAGE LINK POSTS PAGE STATUS POSTS 1.28% 1.12% 2.38% 3.37% 3.00%





RATE FOR FACEBOOK



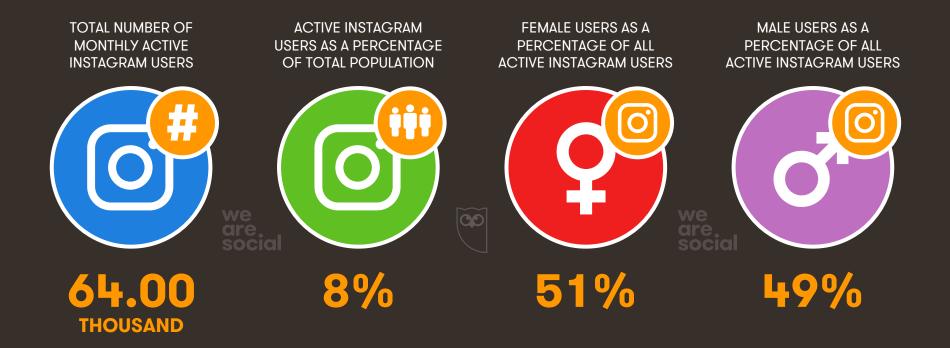
63

JAN 2018



INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER



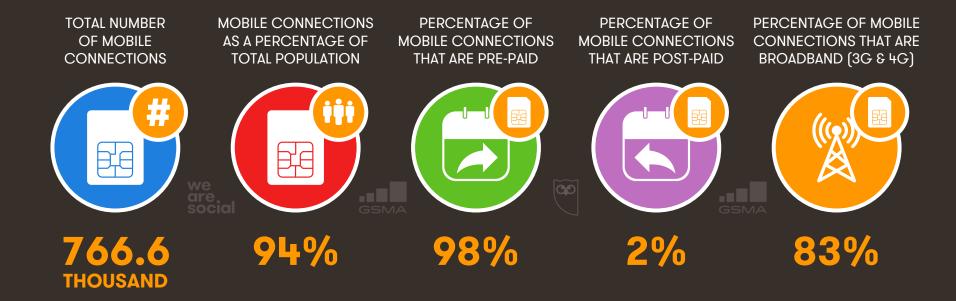




65

MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)



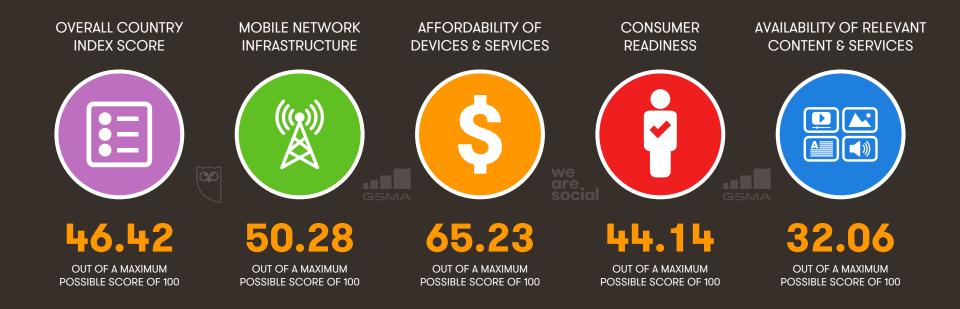




66

MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY







FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE





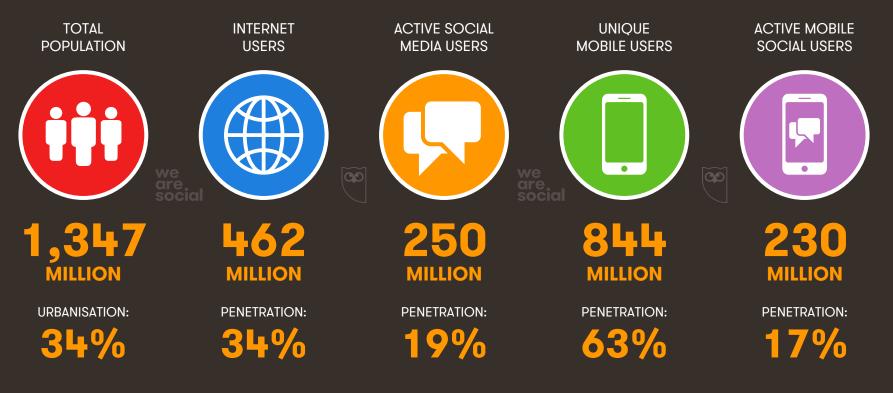








DIGITAL IN INDIA 2018 A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS



SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE; GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).

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ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS



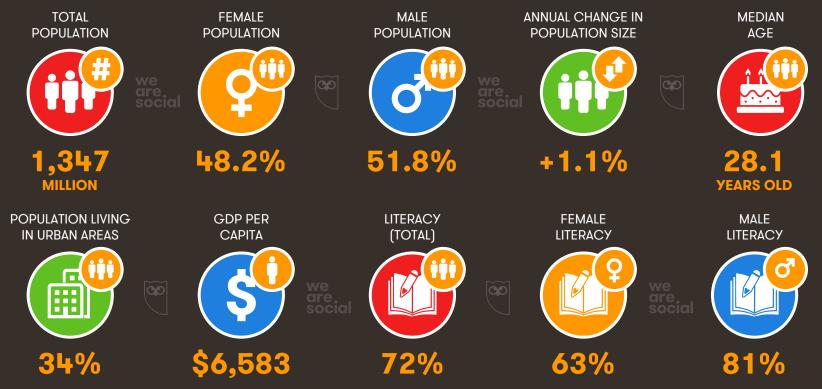


SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.



POPULATION & ECONOMIC INDICATORS JAN 2018

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS





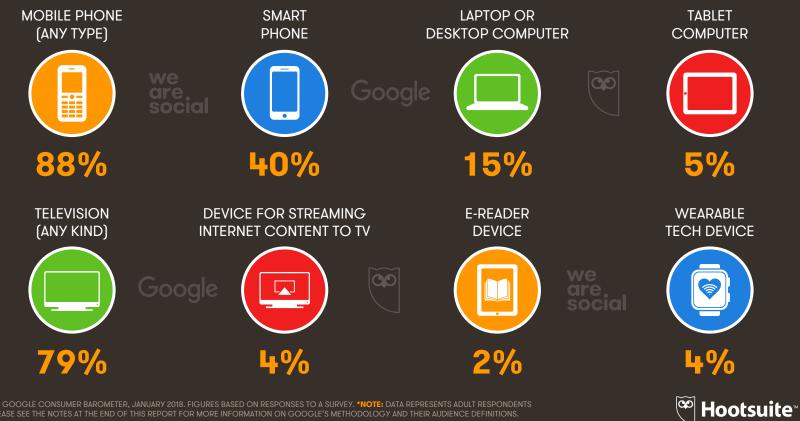
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SOURCES: UNITED NATIONS: US CENSUS BUREAU: UNESCO: WORLD BANK, IMF: CIA WORLD FACTBOOK.

72

DEVICE USAGE

PERCENTAGE OF THE ADULT POPULATION* THAT CURRENTLY USES EACH KIND OF DEVICE [SURVEY-BASED]

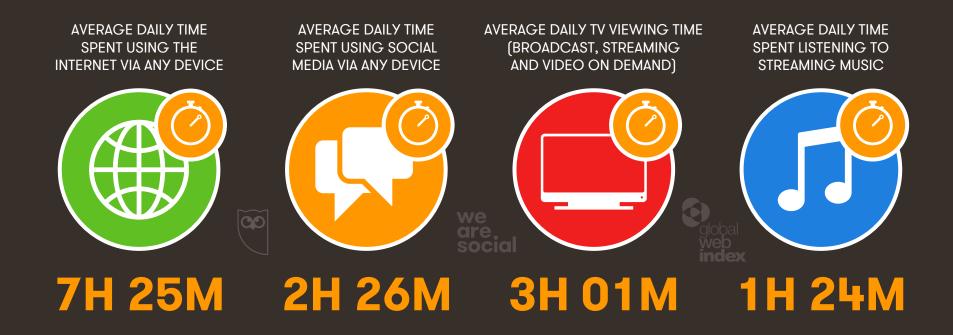


SOURCE: GOOGLE CONSUMER BAROMETER, JANUARY 2018. FIGURES BASED ON RESPONSES TO A SURVEY. *NOTE: DATA REPRESENTS ADULT RESPONDENTS ONLY: PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE INFORMATION ON GOOGLE'S METHODOLOGY AND THEIR AUDIENCE DEFINITIONS.

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TIME SPENT WITH MEDIA SURVEY-BASED DATA: FIGURES REPRESENT RESPONDENTS' SELF-REPORTED ACTIVITY

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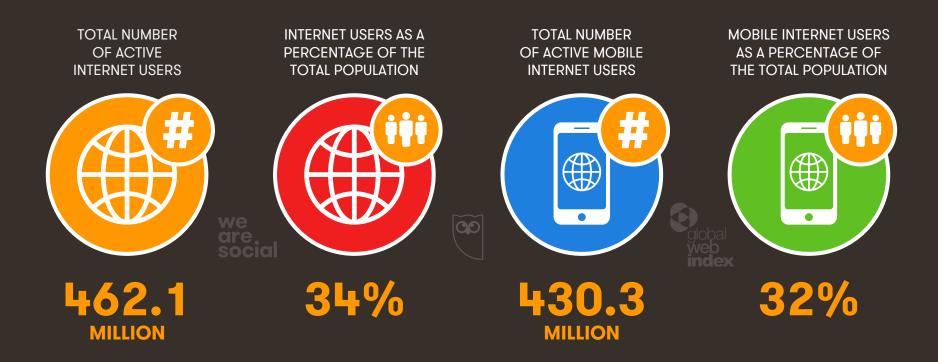
ATTITUDES TOWARDS DIGITAL HOW INTERNET USERS* PERCEIVE THE ROLE OF TECHNOLOGY, AND THEIR PERSPECTIVE ON PRIVACY ISSUES





INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND USER-CLAIMED MOBILE INTERNET USE





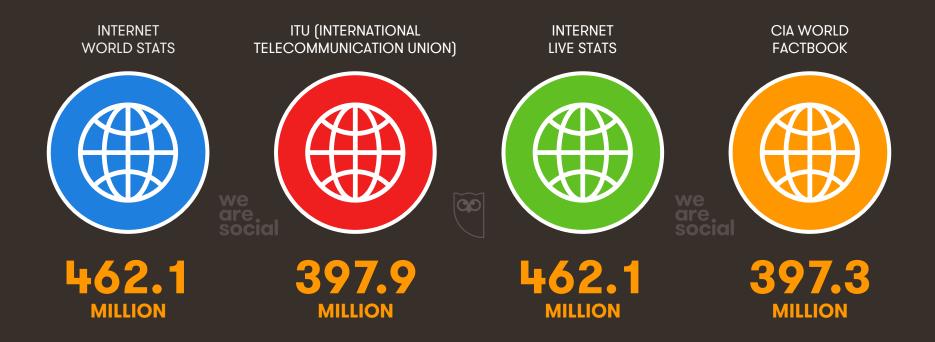
75

SOURCES: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; GLOBALWEBINDEX, O2 & O3 2017. NOTES: GLOBALWEBINDEX DATA IS BASED ON A SURVEY OF INTERNET USERS AGED 16-64, BUT DATA HAS BEEN REBASED TO SHOW TOTAL NATIONAL PENETRATION, REGARDLESS OF AGE, PENETRATION FIGURES BASED ON POPULATION DATA FROM THE UNITED NATIONS AND THE U.S. CENSUS BUREAU.



INTERNET USERS: DIFFERENT PERSPECTIVES

REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS



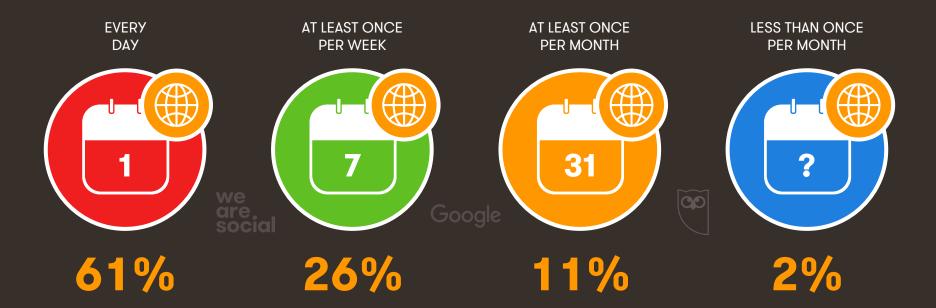


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SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

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FREQUENCY OF INTERNET USE HOW OFTEN INTERNET USERS ACCESS THE INTERNET FOR PERSONAL REASONS (ANY DEVICE)





INTERNET CONNECTIONS: SPEED & DEVICES AVERAGE INTERNET CONNECTION SPEEDS, AND THE DEVICE THAT PEOPLE USE MOST OFTEN TO ACCESS THE INTERNET



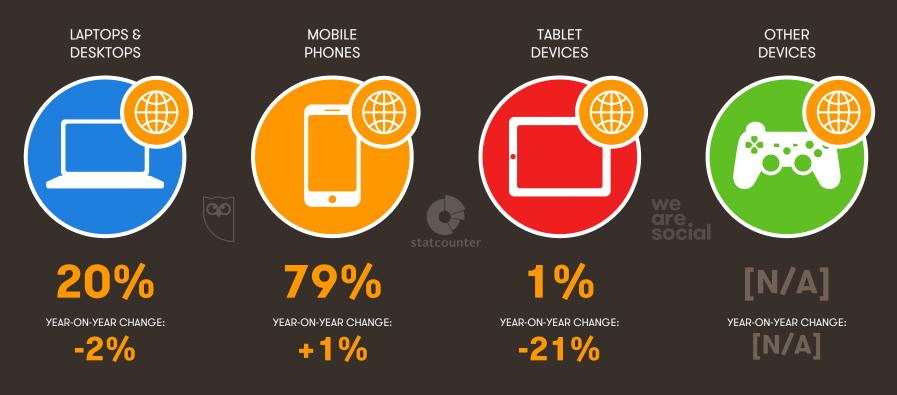
ACCESS THE INTERNET ACCESS EQUALLY VIA **ACCESS THE INTERNET** AVERAGE INTERNET AVERAGE INTERNET SPEED VIA FIXED SPEED VIA MOBILE MOST OFTEN VIA A **A SMARTPHONE AND** MOST OFTEN VIA A CONNECTIONS CONNECTIONS COMPUTER OR TABLET COMPUTER OR TABLET **SMARTPHONE** Ĩ ()11% 72% 19.66 4% 9.14 **MBPS MBPS**

SOURCES: OOKLA SPEEDTEST, NOVEMBER 2017; GOOGLE CONSUMER BAROMETER, JANUARY 2018. GOOGLE'S FIGURES BASED ON RESPONSES TO A SURVEY. NOTES: DATA REPRESENTS ADULT RESPONDENTS ONLY; PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE INFORMATION ON GOOGLE'S METHODOLOGY AND THEIR AUDIENCE DEFINITIONS. DEVICE USAGE PERCENTAGES MAY NOT SUM TO 100% DUE TO "DON'T KNOW" OR INCOMPLETE ANSWERS.



SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS





SIMILARWEB'S RANKING OF TOP WEBSITES



RANKINGS BASED ON AVERAGE MONTHLY TRAFFIC TO EACH WEBSITE IN Q4 2017

# WEBSITE	CATEGORY	MONTHLY TRAFFIC	TIME PER VISIT	PAGES PER VISIT
01 GOOGLE.CO.IN	SEARCH	5,291,200,000	7M 56S	6.7
02 GOOGLE.COM	SEARCH	2,221,100,000	5M 59S	7.0
03 FACEBOOK.COM	SOCIAL	1,892,100,000	11M 25S	12.4
04 YOUTUBE.COM	TV & VIDEO	1,177,100,000	15M 22S	8.2
05 GOOGLEWEBLIGHT.COM	SEARCH	937,500,000	5M 13S	4.2
06 XVIDEOS.COM	ADULT	804,900,000	13M 14S	9.8
07 XNXX.COM	ADULT	786,100,000	13M 18S	10.4
08 AMAZON.IN	SHOPPING	443,300,000	6M 02S	8.0
09 WIKIPEDIA.ORG	REFERENCE	356,700,000	3M 39S	2.6
10 FLIPKART.COM	SHOPPING	218,900,000	6M 01S	8.2

SOURCE: SIMILARWEB, JANUARY 2018, BASED ON AVERAGE MONTHLY DATA FOR Q4 2017. NOTES: MONTHLY TRAFFIC REPRESENTS TOTAL VISITS TO EACH SITE, NOT UNIQUE VISITORS. DATA FOR SOME COUNTRIES REPRESENTS DESKTOP TRAFFIC, WHILST OTHERS REPRESENTS TRAFFIC FROM BOTH DESKTOP AND MOBILE DEVICES. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



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ALEXA'S RANKING OF TOP WEBSITES

RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.CO.IN	7M 04S	10.45	11 IRCTC.CO.IN	11M 30S	6.32
02 YOUTUBE.COM	8M 18S	4.79	12 INDIATIMES.COM	5M 57S	2.90
03 GOOGLE.COM	7M 32S	8.56	13 WITTYFEED.COM	3M 53S	3.22
04 FACEBOOK.COM	10M 21S	4.00	14 BLOGSPOT.IN	2M 29S	2.06
05 AMAZON.IN	9M 02S	8.07	15 XVIDEOS.COM	14M 04S	10.15
06 YAHOO.COM	4M 02S	3.61	16 HDFCBANK.COM	5M 30S	3.59
07 ONLINESBI.COM	6M 43S	7.81	17 LINKEDIN.COM	5M 19S	4.19
08 WIKIPEDIA.ORG	4M 16S	3.31	18 UIDAI.GOV.IN	Social 9M 19S	4.02
09 FLIPKART.COM	5M 46S	3.62	19 INSTAGRAM.COM	5M 23S	3.34
10 NEWSTREND.NEWS	3M 41S	1.84	20 HOTSTAR.COM	2M 41S	1.77

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



WEEKLY ONLINE ACTIVITIES BY DEVICE PERCENTAGE OF THE TOTAL POPULATION* ENGAGING IN EACH ACTIVITY AT LEAST ONCE PER WEEK [SURVEY-BASED]





SOURCE: GOOGLE CONSUMER BAROMETER, JANUARY 2018. FIGURES BASED ON RESPONSES TO A SURVEY. *NOTES: DATA BASED ON SURVEY RESPONSES FROM ADULT INTERNET USERS ONLY; PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE INFORMATION ON GOOGLE'S METHODOLOGY AND THEIR AUDIENCE DEFINITIONS. DATA HAS BEEN REBASED TO SHOW TOTAL NATIONAL PENETRATION, REGARDLESS OF AGE.



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JAN

TOP GOOGLE SEARCH QUERIES IN 2017

RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX
01 VIDEO	100
02 DOWNLOAD	94
03 SONG	84
04 FACEBOOK	34
05 FB	31
06 GOOGLE	25
07 MOVIES	25
08 YOUTUBE	24
09 NEWS	20
10 WEATHER	17

QUERY	INDEX
SATTA	16
GMAIL	14
CRICBUZZ	14
FACEBOOK LOGIN	14
SBI	12
HINDI MOVIE	12
CRICKET	12
YOU	12
ΜΑΤΚΑ	11
www	10
	SATTA GMAIL CRICBUZZ FACEBOOK LOGIN SBI HINDI MOVIE CRICKET YOU

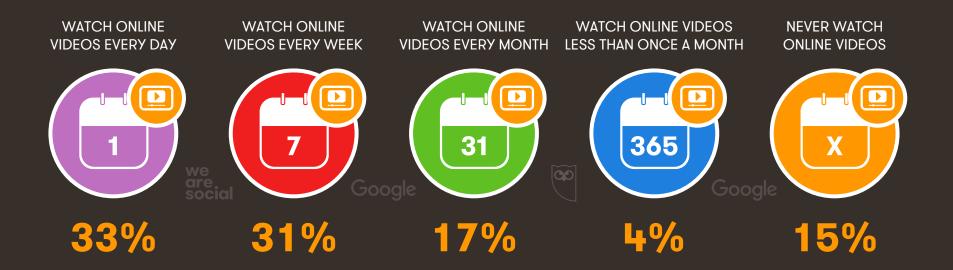
SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).











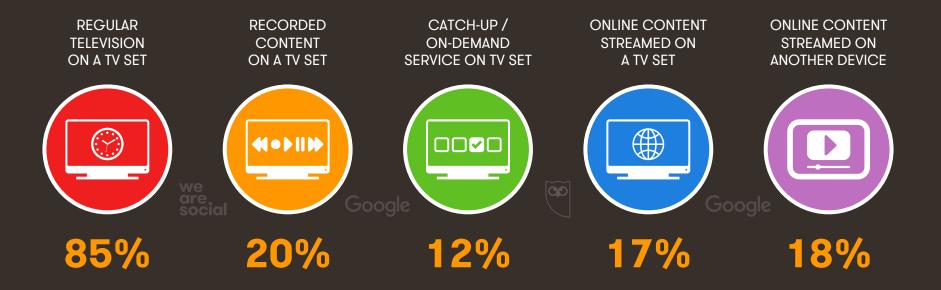


84

JAN

85

HOW INTERNET USERS WATCH TELEVISION COMPARISON OF THE METHODS AND DEVICES USED FOR ACCESSING AND DISPLAYING "TELEVISION" CONTENT

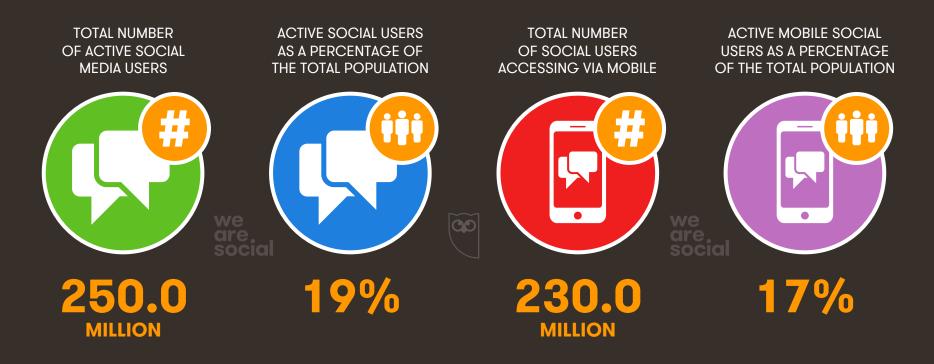




86

SOCIAL MEDIA USE

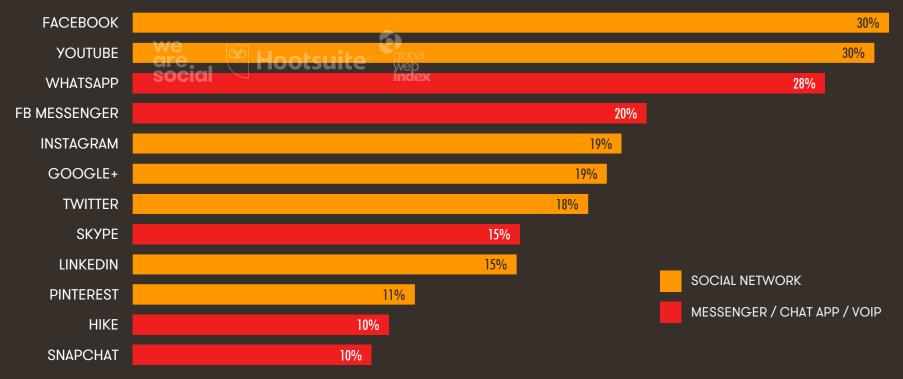
BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY





MOST ACTIVE SOCIAL MEDIA PLATFORMS

SURVEY-BASED DATA: FIGURES REPRESENT USERS' OWN CLAIMED / REPORTED ACTIVITY



87

JAN

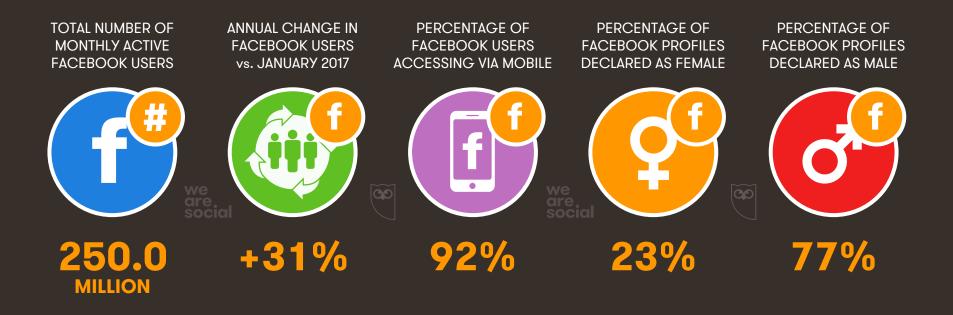
2018

SOURCE: GLOBALWEBINDEX, Q2 & Q3 2017. BASED ON A SURVEY OF INTERNET USERS AGED 16-64. NOTES: DATA FOR PLATFORMS WITH AN ASTERISK (*) IS COLLECTED IN A DIFFERENT PART OF THE SURVEY TO OTHER PLATFORM DATA. ALL DATA HAS BEEN REBASED TO SHOW TOTAL NATIONAL PENETRATION, REGARDLESS OF AGE. ADVISORY: FIGURES ARE BASED ON RESPONSES TO A SURVEY, AND MAY NOT CORRELATE TO SOCIAL MEDIA PENETRATION FIGURES SHOWN ELSEWHERE IN THIS REPORT; FOR FULL DETAILS, SEE THE NOTES AT THE END OF THIS REPORT.

Hootsuite socia

FACEBOOK USAGE ANALYSIS JAN 2018 A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS



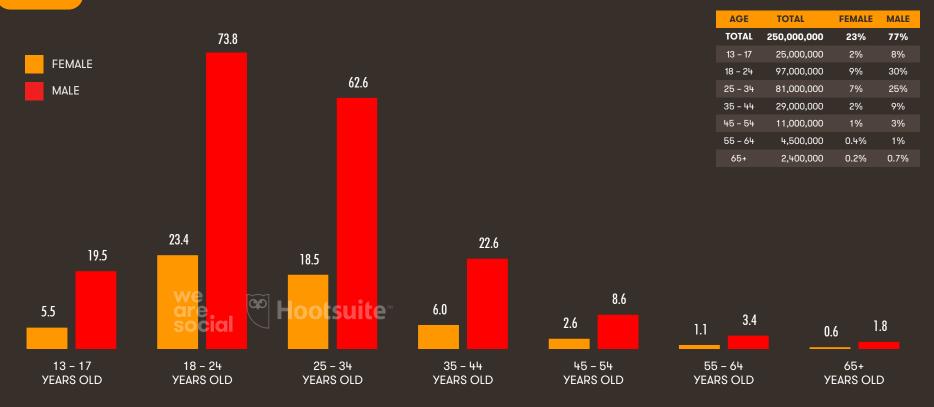


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PROFILE OF FACEBOOK USERS

A BREAKDOWN OF THE COUNTRY'S FACEBOOK'S USERS BY AGE AND GENDER, IN MILLIONS

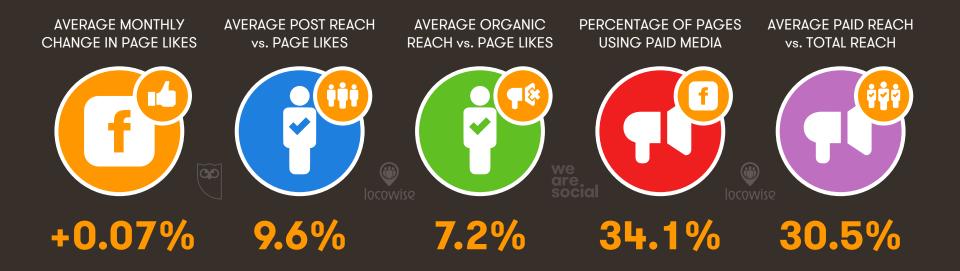




SOURCE: EXTRAPOLATION OF FACEBOOK DATA, JANUARY 2018. NOTES: THE 'TOTAL' COLUMN OF THE INSET TABLE SHOWS ORIGINAL VALUES, WHILE GRAPH VALUES HAVE BEEN DIVIDED BY ONE MILLION. TABLE PERCENTAGES REPRESENT THE RESPECTIVE GENDER AND AGE GROUP'S SHARE OF TOTAL NATIONAL FACEBOOK USERS. TABLE VALUES MAY NOT SUM EXACTLY DUE TO ROUNDING IN THE SOURCE DATA.

JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA







AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

PAGE PHOTO POSTS

AVERAGE ENGAGEMENT AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE VIDEO POSTS

RATE FOR FACEBOOK PAGE POSTS (ALL TYPES)

AVERAGE FACEBOOK ENGAGEMENT RATES JAN 2018 THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: ENGAGEMENT RATES COMPARE THE NUMBER OF PEOPLE WHO INTERACTED WITH A POST TO THE TOTAL NUMBER OF UNIQUE USERS TO WHOM THAT POST WAS SERVED, REGARDLESS OF WHETHER THOSE USERS WERE FANS OF THE PAGE AT THAT TIME.

5.90%

91

3.75%



4.93%

7.94%

AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

PAGE LINK POSTS





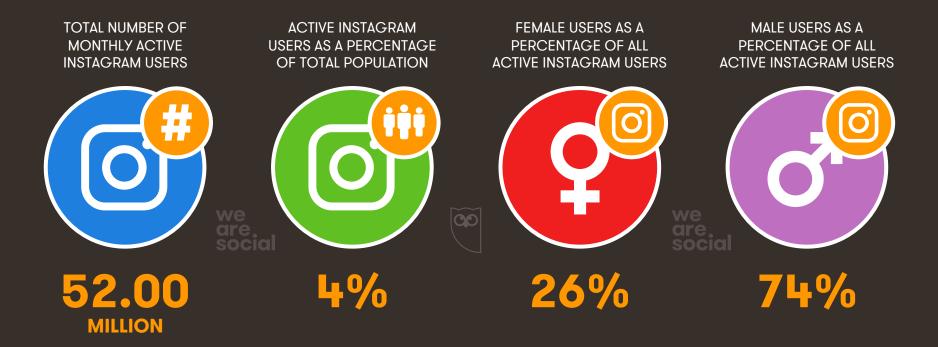
AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE STATUS POSTS





INSTAGRAM USAGE ANALYSIS

AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER





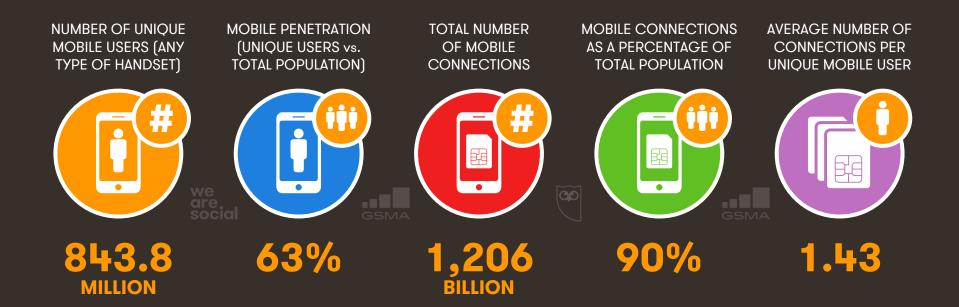
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SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

93

MOBILE USERS vs. MOBILE CONNECTIONS



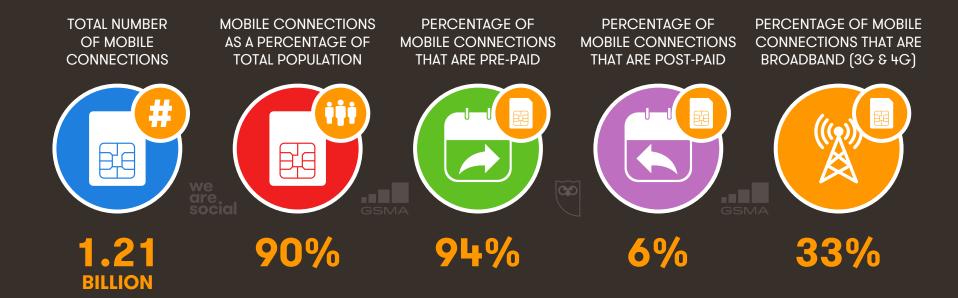




94

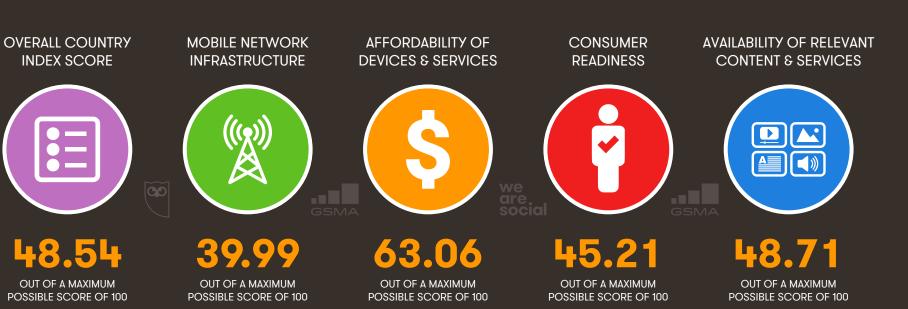
MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)





SOURCE: GSMA INTELLIGENCE, Q4 2017. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY



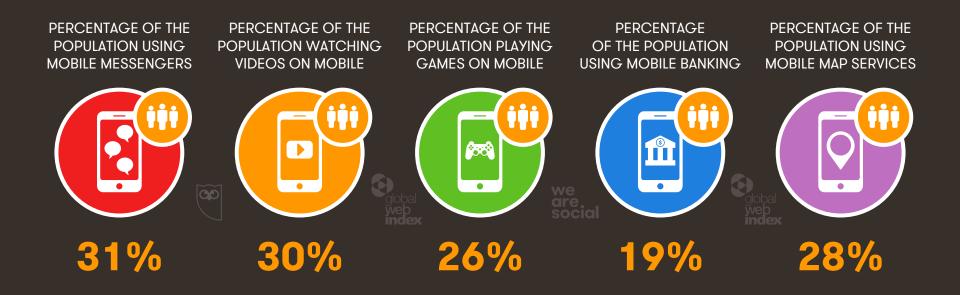


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96

MOBILE ACTIVITIES SURVEY-BASED DATA: FIGURES REPRESENT RESPONDENTS' SELF-REPORTED ACTIVITY







97

SMARTPHONE LIFE MANAGEMENT ACTIVITIES

PERCENTAGE OF THE TOTAL POPULATION USING A SMARTPHONE TO PERFORM EACH TASK [SURVEY-BASED]





98

TOP APP RANKINGS

RANKINGS OF TOP MOBILE APPS BY MONTHLY ACTIVE USERS AND BY NUMBER OF DOWNLOADS

RANKING OF MOBILE APPS BY MONTHLY ACTIVE USERS

#		DEVELOPER / COMPANY
01	WHATSAPP MESSENGER	FACEBOOK
02	FACEBOOK	FACEBOOK
03	FACEBOOK MESSENGER	FACEBOOK
04	TRUECALLER	TRUECALLER
05	SHAREIT	SHAREIT
06	MX PLAYER	J2 INTERACTIVE
07	UC BROWSER	ALIBABA GROUP
08	AMAZON	AMAZON
09	РАУТМ	ONE97
10	INSTAGRAM	FACEBOOK

RANKING OF MOBILE APPS BY NUMBER OF DOWNLOADS

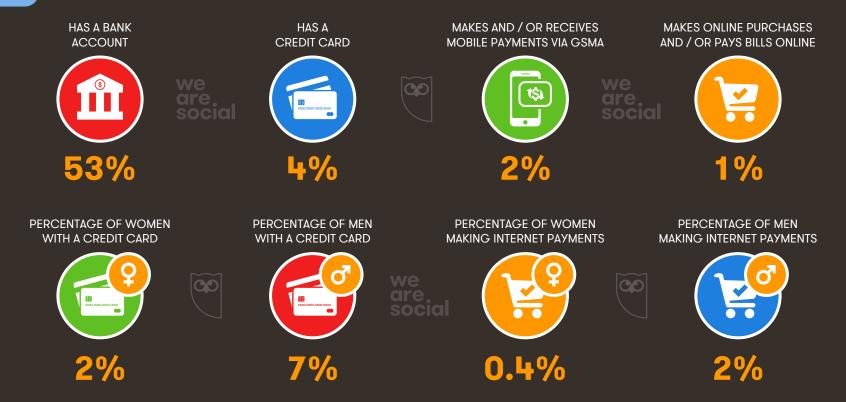
#		DEVELOPER / COMPANY
01	FACEBOOK	FACEBOOK
02	WHATSAPP MESSENGER	FACEBOOK
03	UC BROWSER	ALIBABA GROUP
04	FACEBOOK MESSENGER	FACEBOOK
05	HOTSTAR	21ST CENTURY FOX
06	SHAREIT	SHAREIT
07	МУЈЮ	RELIANCE INDUSTRIES
08	TRUECALLER	TRUECALLER
09	MX PLAYER	J2 INTERACTIVE
10	JIOTV	RELIANCE INDUSTRIES

SOURCE: APP ANNIE, JANUARY 2018, BASED ON DATA IN THE APP ANNIE 2017 RETROSPECTIVE REPORT. FOR MORE DETAILS, VISIT HTTPS://WWW.APPANNIE.COM/ NOTES: RANKINGS ARE BASED ON COMBINED DATA FOR BOTH THE APPLE IOS APP STORE AND THE GOOGLE PLAY APP STORE. MONTHLY ACTIVE USER RANKINGS ARE BASED ON MONTHLY AVERAGES FOR FULL-YEAR 2017. NOTE: RANKINGS EXCLUDE PRE-INSTALLED APPS, SUCH AS YOUTUBE ON ANDROID DEVICES, AND SAFARI ON APPLE DEVICES.



FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE





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100

SEARCHED ONLINE

FOR A PRODUCT

OR SERVICE TO BUY

E-COMMERCE ACTIVITIES IN PAST 30 DAYS SURVEY-BASED DATA: FIGURES REPRESENT RESPONDENTS' SELF-REPORTED ACTIVITY





MADE AN ONLINE PURCHASE VIA A MOBILE DEVICE



30% 26% 33% 20%



E-COMMERCE SPEND BY CATEGORY

TOTAL ANNUAL AMOUNT SPENT ON CONSUMER E-COMMERCE CATEGORIES, IN UNITED STATES DOLLARS





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SOURCES: STATISTA DIGITAL MARKET OUTLOOK, E-COMMERCE INDUSTRY, E-TRAVEL INDUSTRY, AND DIGITAL MEDIA INDUSTRY, ALL ACCESSED JANUARY 2018. NOTE: FIGURES ARE BASED ON ESTIMATES OF FULL-YEAR CONSUMER SPEND IN 2017, AND DO NOT INCLUDE B2B SPEND.

E-COMMERCE GROWTH BY CATEGORY

ANNUAL CHANGE IN THE TOTAL AMOUNT SPENT ON CONSUMER E-COMMERCE CATEGORIES, IN UNITED STATES DOLLARS





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SOURCES: STATISTA DIGITAL MARKET OUTLOOK, E-COMMERCE INDUSTRY, E-TRAVEL INDUSTRY, AND DIGITAL MEDIA INDUSTRY, ALL ACCESSED JANUARY 2018. NOTE: FIGURES ARE BASED ON ESTIMATES OF FULL-YEAR CONSUMER SPEND IN 2017, AND DO NOT INCLUDE B2B SPEND.

E-COMMERCE DETAIL: CONSUMER GOODS AN OVERVIEW OF THE E-COMMERCE MARKET FOR CONSUMER GOODS, WITH VALUES IN UNITED STATES DOLLARS





+18%

103

SOURCE: STATISTA DIGITAL MARKET OUTLOOK, E-COMMERCE INDUSTRY, ACCESSED JANUARY 2018. NOTES: FIGURES REPRESENT SALES OF PHYSICAL GOODS VIA DIGITAL CHANNELS ON ANY DEVICE TO PRIVATE END USERS, AND DO NOT INCLUDE DIGITAL MEDIA, DIGITAL SERVICES SUCH AS TRAVEL OR SOFTWARE, B2B PRODUCTS AND SERVICES, RESALE OF USED GOODS, OR SALES BETWEEN PRIVATE PERSONS (P2P COMMERCE). PENETRATION FIGURE REPRESENTS PERCENTAGE OF TOTAL POPULATION, REGARDLESS OF AGE.

Hootsuite are

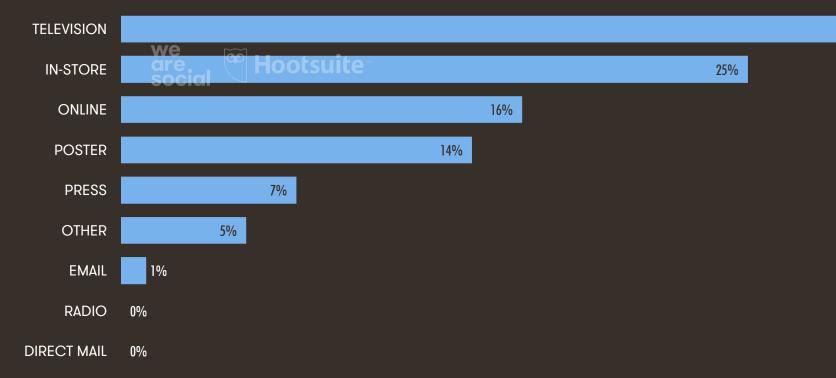
104

ADVERTISING MEDIA: FIRST AWARENESS

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31%

THE CHANNEL THAT FIRST INTRODUCED INTERNET USERS* TO A PRODUCT OR SERVICE THAT THEY SUBSEQUENTLY PURCHASED











JAN 2018 DIGITAL IN IRAN A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS

106



SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA; FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DINC TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).



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ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS

ACTIVE SOCIAL MOBILE **ACTIVE MOBILE MEDIA USERS** CONNECTIONS SOCIAL USERS 00



+135%

SINCE JAN 2017

+23 MILLION

(Ū)

00 +135% 0% SINCE JAN 2017

(UNCHANGED)

INTERNET

USERS

SINCE JAN 2017

+23 MILLION

SINCE JAN 2017

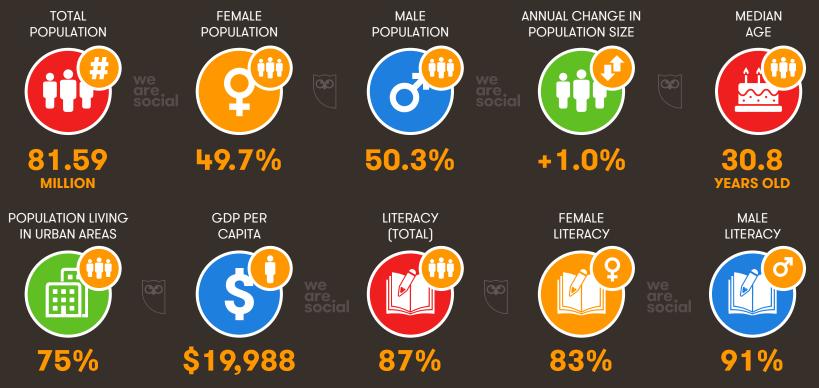
+4 MILLION

+3%

SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE; GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.

POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS

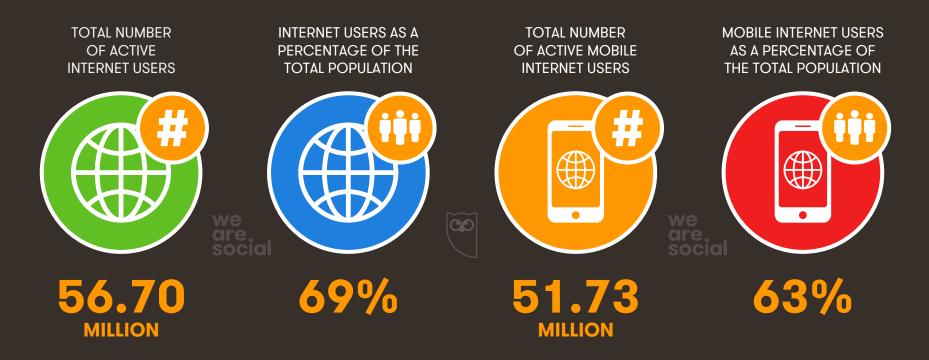


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109

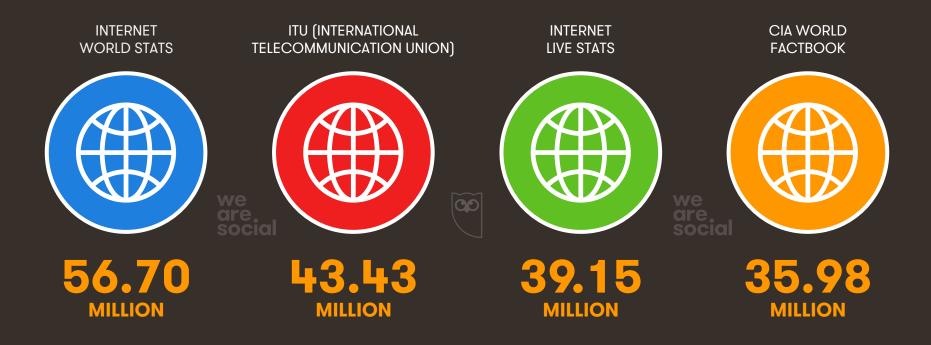
INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES





INTERNET USERS: DIFFERENT PERSPECTIVES

REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS



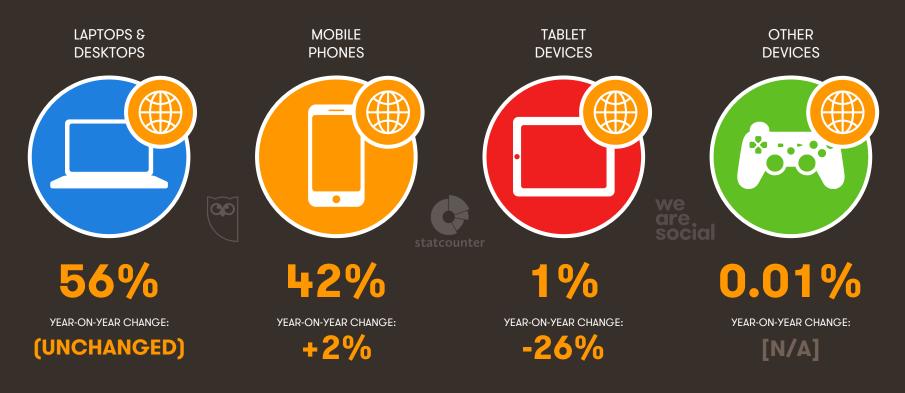


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SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS





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111 SOURCES: STATCOUNTER, JANUARY 2018, AND STATCOUNTER, JANUARY 2017.

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ALEXA'S RANKING OF TOP WEBSITES

RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.COM	7M 32S	8.56	11 BEYTOOTE.COM	2M 48S	2.09
02 APARAT.COM	7M 08S	5.34	12 DIVAR.IR	11M 48S	10.00
03 DIGIKALA.COM	9M 46S	7.59	13 BLOGFA.COM	2M 27S	2.17
04 VARZESH3.COM	8M 08S	6.05	14 BANKMELLAT.IR	10M 35S	5.65
05 УАНОО.СОМ	4M 02S	3.61	15 NAMASHA.COM	4M 08S	3.29
06 WIKIPEDIA.ORG	4M 16S	3.31	16 NINISITE.COM	8M 40S	5.09
07 SHAPARAK.IR	2M 00S	1.81	17 BAMILO.COM	8M 08S	7.38
08 INSTAGRAM.COM	5M 23S	3.34	18 TELEGRAM.ORG	^{al} 4M 43S	2.95
09 TELEWEBION.COM	3M 40S	2.29	19 TEBYAN.NET	2M 23S	1.76
10 NAMNAK.COM	2M 32S	1.98	20 YJC.IR	4M 07S	2.89

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



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TOP GOOGLE SEARCH QUERIES IN 2017

RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX	# QUERY		INDEX
دانلود 01	100	11	ورزش	8
عکس 02	47	12	ورزش3	8
فيلم 03	40	13	گل	8
تلگرام 04	17	14	عشق	8
بازى 05	17	15	خبر	8
دانلود فيلم 06	16	16	طلف	7
07 GOOGLE	11	17 TRANSLATE		6
اخبار 08	10	18	گوگل	6
عاشقانه 09	9	19	عکس پروفایل	6
ديوار 10	8	20	اينستاگرام	5

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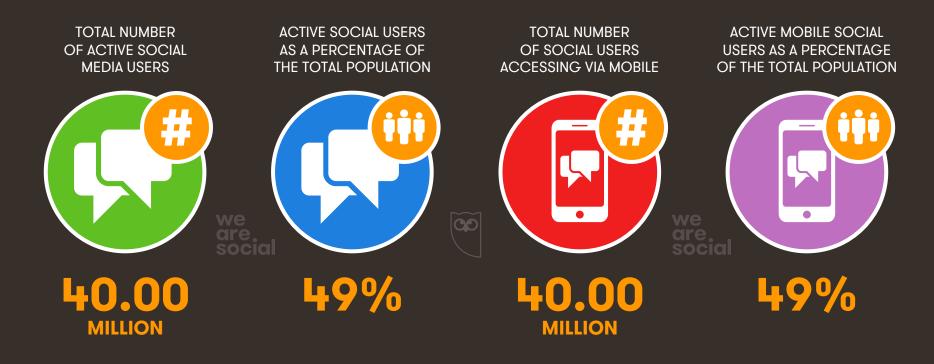
SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).



114

SOCIAL MEDIA USE

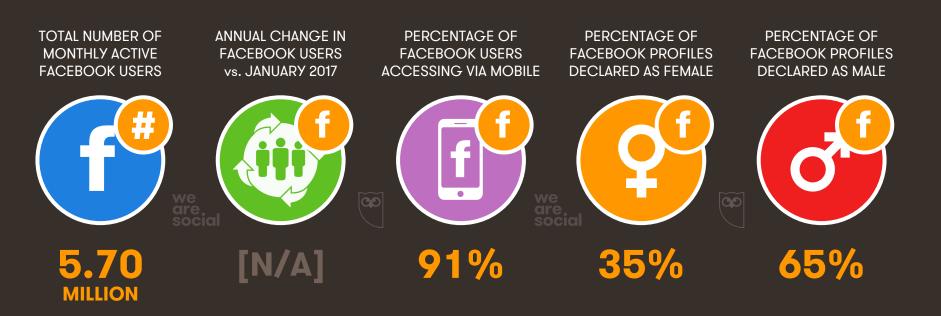
BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY





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FACEBOOK USAGE ANALYSIS A BREAKDOWN OF FACEBOOK USERS BY DEVICE, FREQUENCY OF USE, AND GENDER OF USER



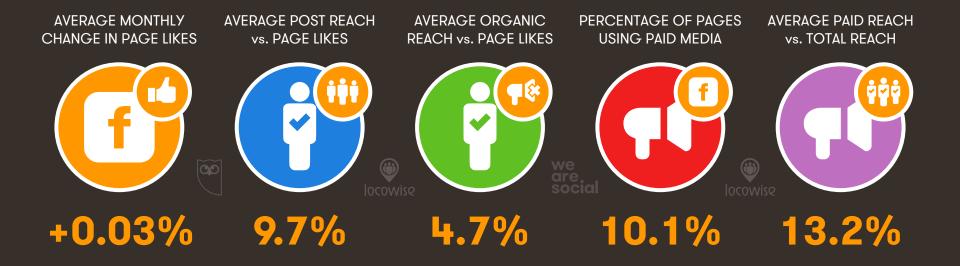


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5 SOURCE: BASED ON DATA FROM TECHRASA, JUNE 2017.

JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA







SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: ENGAGEMENT RATES COMPARE THE NUMBER OF PEOPLE WHO INTERACTED

WITH A POST TO THE TOTAL NUMBER OF UNIQUE USERS TO WHOM THAT POST WAS SERVED, REGARDLESS OF WHETHER THOSE USERS WERE FANS OF THE PAGE AT THAT TIME.

8.90% 2.13%

4.41% 8.64%



AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

PAGE POSTS (ALL TYPES)



AVERAGE ENGAGEMENT

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE PHOTO POSTS

AVERAGE FACEBOOK ENGAGEMENT RATES

THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE LINK POSTS AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE STATUS POSTS

1.92%

🗢 Hootsuite





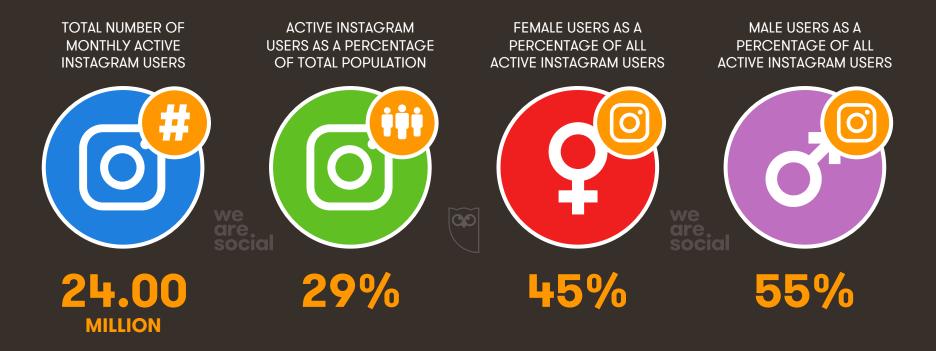
117

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INSTAGRAM USAGE ANALYSIS

AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER



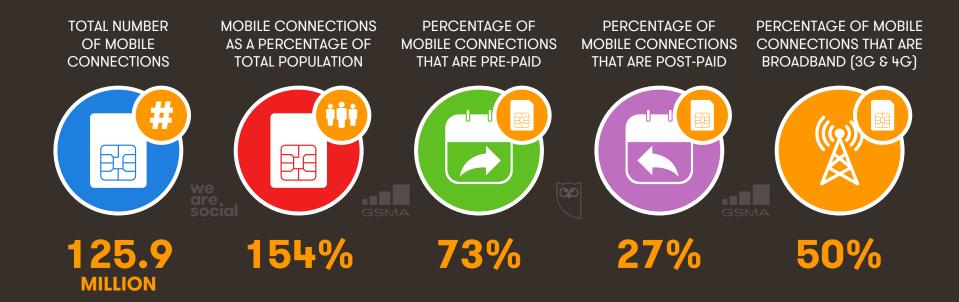


 (\mathbf{I})

118 SOURCE: BASED ON DATA FROM TECHRASA, JUNE 2017.

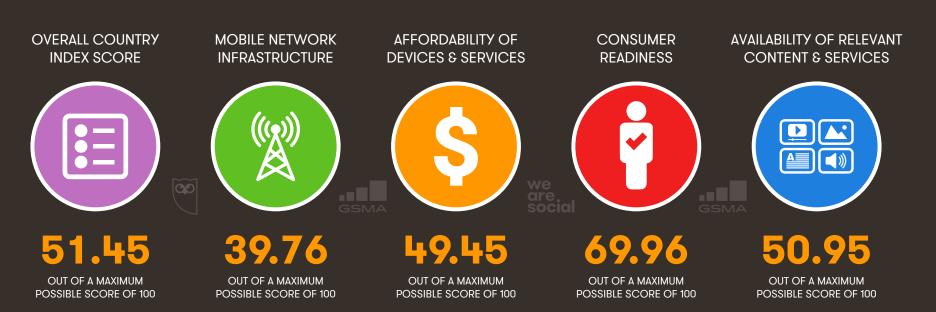
MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)







MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY





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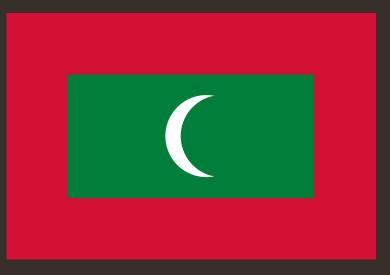
FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE





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MALDIVES

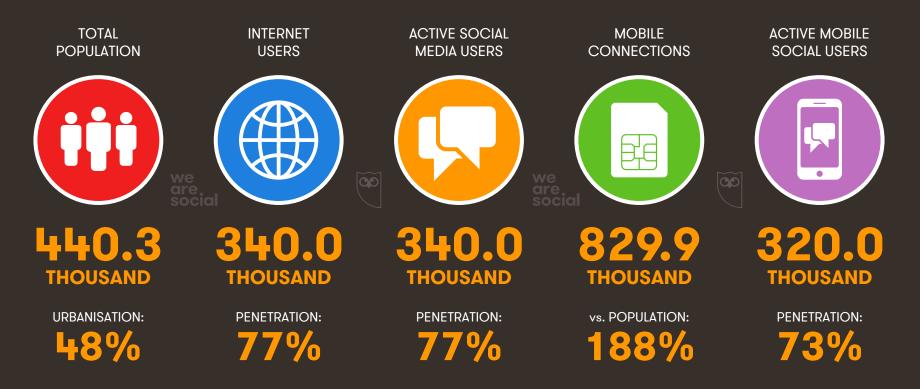




123

DIGITAL IN THE MALDIVES A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS





SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES). Hootsuite[™] are social

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ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS





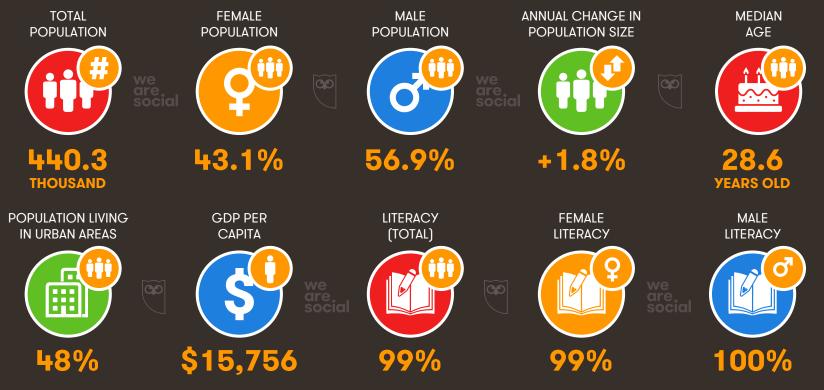
SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.



JAN 2018 ES

POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS





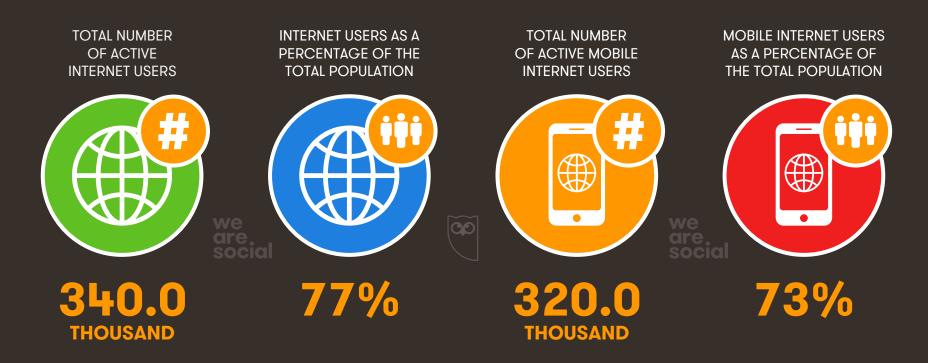
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126

INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES

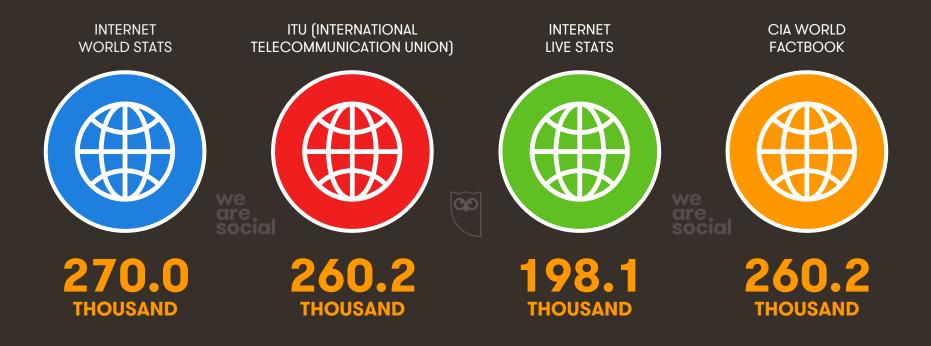






INTERNET USERS: DIFFERENT PERSPECTIVES

REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS

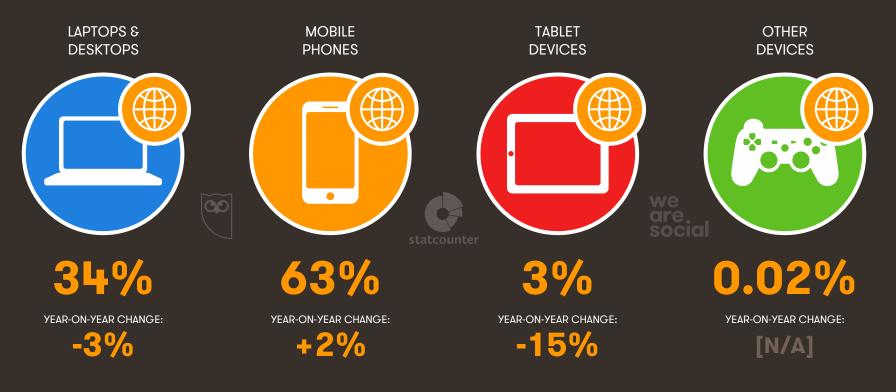




SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS





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ALEXA'S RANKING OF TOP WEBSITES



RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 SUN.MV	5M 37S	3.00	11 VAGUTHU.MV	7M 01S	4.00
02 AVAS.MV	5M 59S	2.50	12 BONGACAMS.COM	4M 22S	2.03
03 MIHAARU.COM	7M 02S	3.60	13 EBAY.COM	9M 41S	7.22
04 GOOGLE.MV	6M 41S	7.72	14 WIKIPEDIA.ORG	4M 16S	3.31
05 IBAY.COM.MV	10M 14S	5.30	15 PROVIDR.COM	3M 40S	3.26
06 YOUTUBE.COM	8M 18S	4.79	16 BANKOFMALDIVES.COM.MV	4M 32S	2.80
07 GOOGLE.COM	7M 32S	8.56	17 УАНОО.СОМ	4M 02S	3.61
08 RAAJJE.MV	4M 56S	5.20	18 ALIEXPRESS.COM	14M 15S	11.29
09 FACEBOOK.COM	10M 21S	4.00	19 WITTYFEED.COM	3M 53S	3.22
10 DHUVAS.MV	9M 07S	6.90	20 MANORAMAONLINE.COM	10M 04S	5.51

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



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TOP GOOGLE SEARCH QUERIES IN 2017

RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX
01 MALDIVES	100
02 FACEBOOK	32
03 YOUTUBE	32
04 GOOGLE	29
05 NEWS	20
06 YOU	20
07 ІВАУ	18
08 QUOTES	18
09 VAGUTHU	15
10 GMAIL	15

#	QUERY	INDEX
11	MIHAARU	14
12	SUN	13
13	FACEBOOK LOGIN	9
14	ЕВАУ	9
15	SUN ONLINE	8
16	MALDIVIAN	8
17	DRESS	7
18	BML	7
19	WEATHER	7
20	INTERNET BANKING	7

SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).



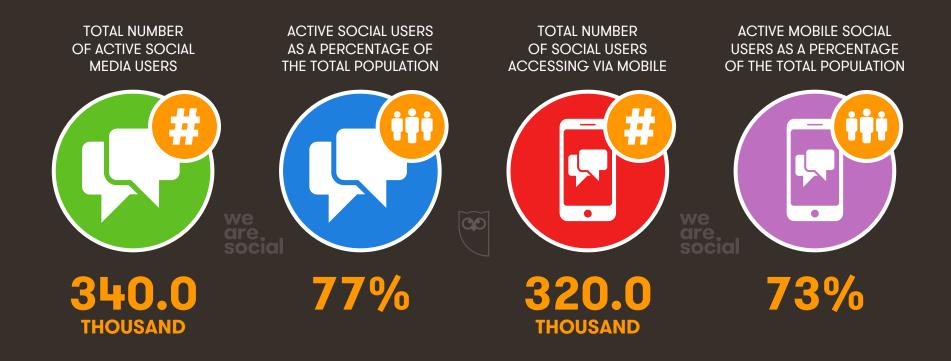
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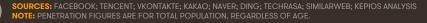
131

SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY



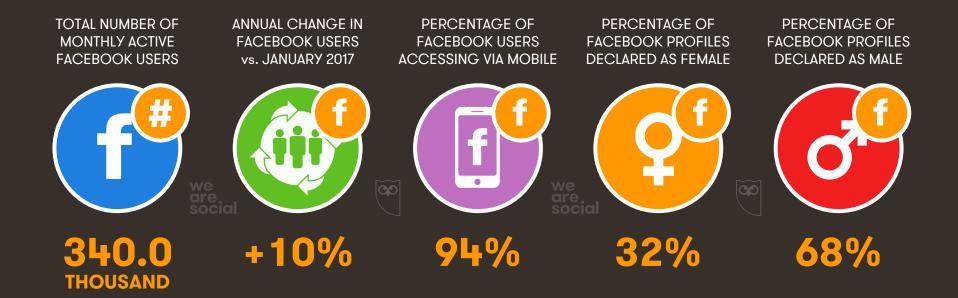






JAN 2018 FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS

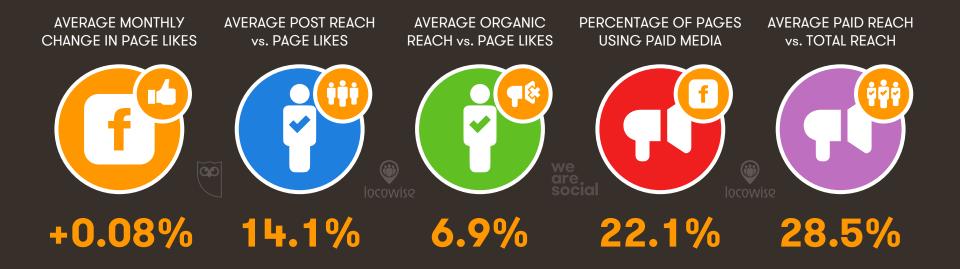






JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS VS. PAGE LIKES, AND PAID MEDIA











2018

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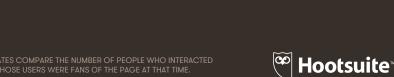
AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE PHOTO POSTS

AVERAGE FACEBOOK ENGAGEMENT RATES

THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE LINK POSTS

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE STATUS POSTS

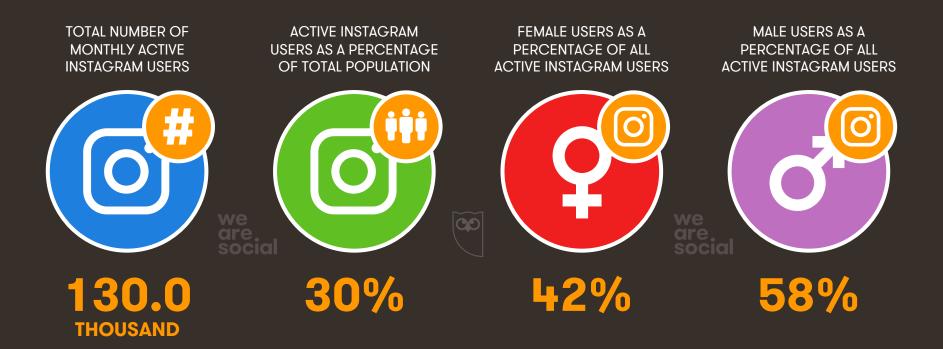






INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER





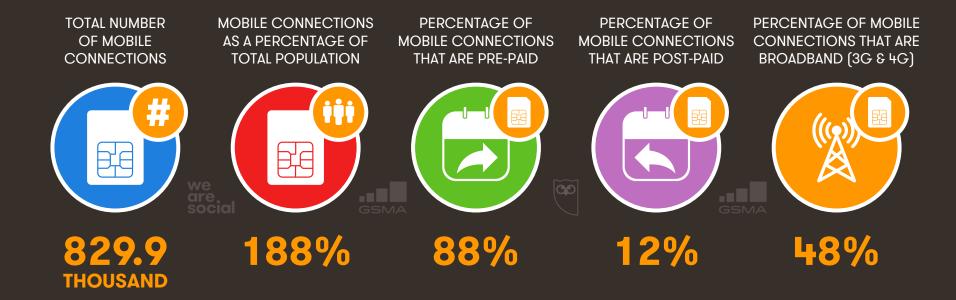


SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

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MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)









NEPAL



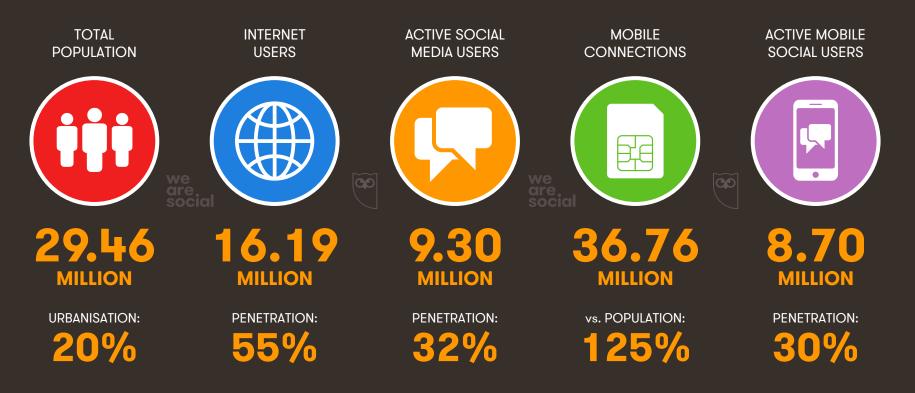
DIGITAL IN NEPAL A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS

JAN

2018

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SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).

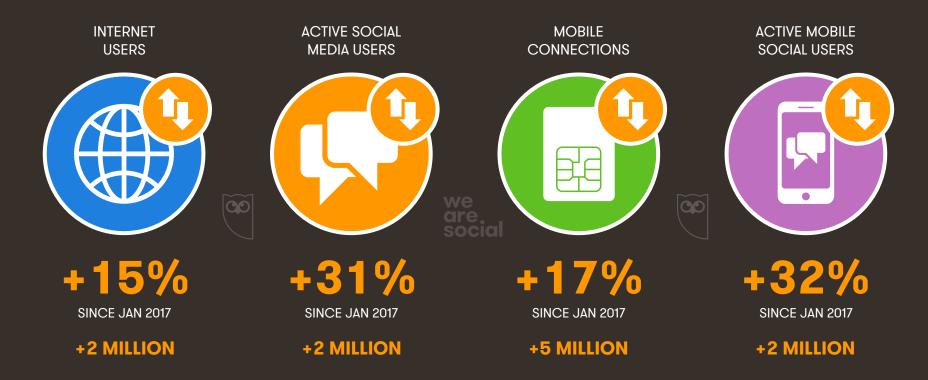




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ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS



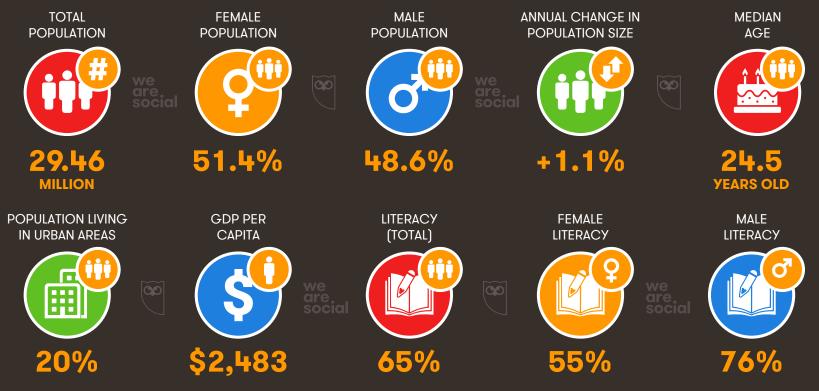


SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.



POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS





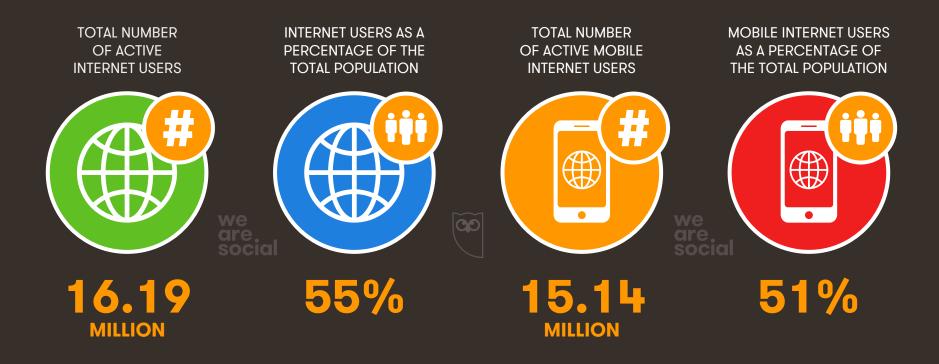
SOURCES: UNITED NATIONS; US CENSUS BUREAU; UNESCO; WORLD BANK, IMF; CIA WORLD FACTBOOK.



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INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES

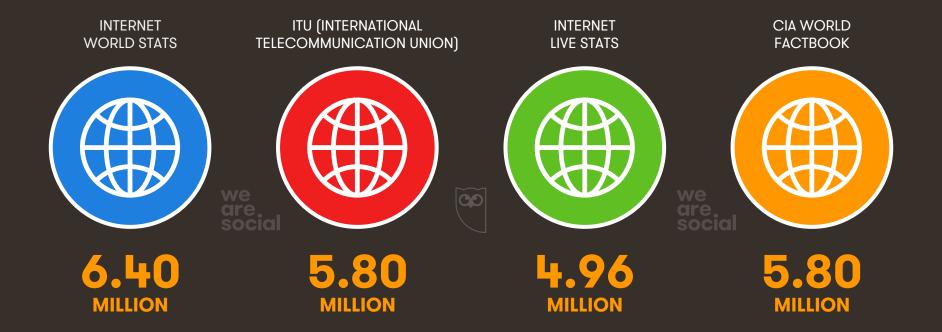






INTERNET USERS: DIFFERENT PERSPECTIVES



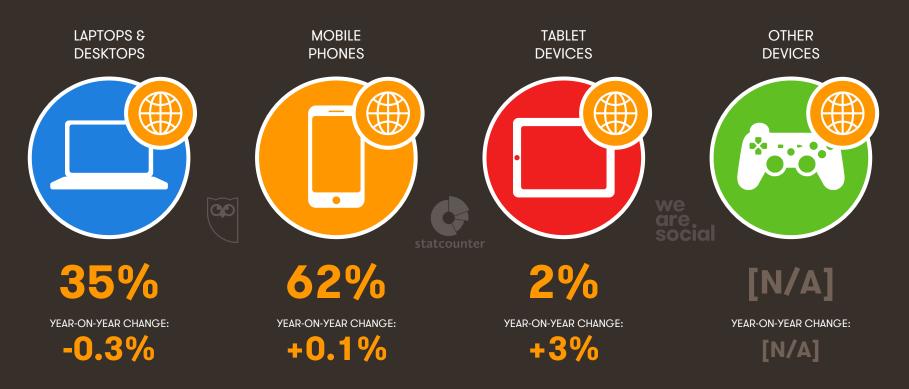




SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS



ALEXA'S RANKING OF TOP WEBSITES



RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 YOUTUBE.COM	8M 18S	4.79	11 УАНОО.СОМ	4M 02S	3.61
02 GOOGLE.COM.NP	6M 12S	8.70	12 BONGACAMS.COM	4M 22S	2.03
03 ONLINEKHABAR.COM	10M 01S	4.25	13 NAGARIKNEWS.COM	4M 17S	2.24
04 GOOGLE.COM	7M 32S	8.56	14 DCNEPAL.COM	5M 25S	3.72
05 KANTIPURDAILY.COM	4M 05S	2.30	15 OSNEPAL.COM	4M 06S	1.97
06 FACEBOOK.COM	10M 21S	4.00	16 LOKAANTAR.COM	5M 42S	5.30
07 NEWS24NEPAL.TV	5M 33S	2.51	17 WIKIPEDIA.ORG	4M 16S	3.31
08 RATOPATI.COM	5M 42S	2.95	18 ETAJAKHABAR.COM	4M 54S	1.80
09 HAMROBAZAAR.COM	11M 57S	13.20	19 BAAHRAKHARI.COM	5M 41S	5.30
10 ANNAPURNAPOST.COM	5M 06S	2.70	20 KOSHIONLINE.COM	3M 09S	1.70

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.





TOP GOOGLE SEARCH QUERIES IN 2017



RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX
01 NEPAL	100
02 NEPALI	83
03 VIDEO	64
04 FACEBOOK	46
05 YOUTUBE	28
06 SONGS	21
07 GOOGLE	21
08 FB	17
09 YOU	15
10 SEXY	14

#	QUERY	INDEX
11	WWW	12
12	HINDI MOVIE	12
13	ONLINEKHABAR	10
14	GMAIL	10
15	NEPALI SONG	9
16		9
17	NEPALI MOVIE	9
18	WWW.FACEBOOK.COM	9
19	GAME	8
20	GAMES	7

10 01

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SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).

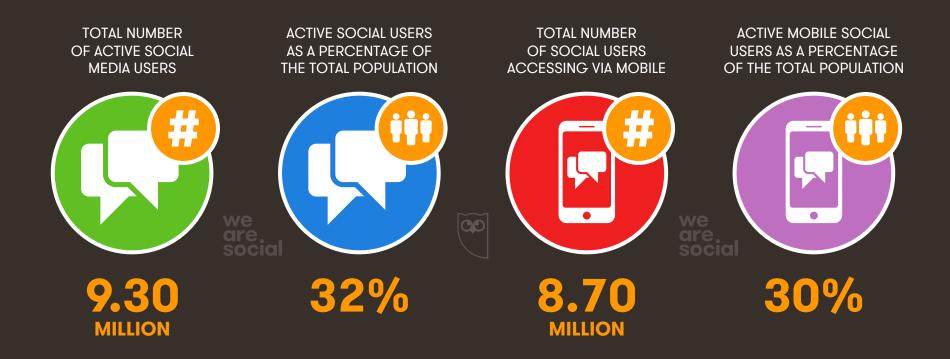


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SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY

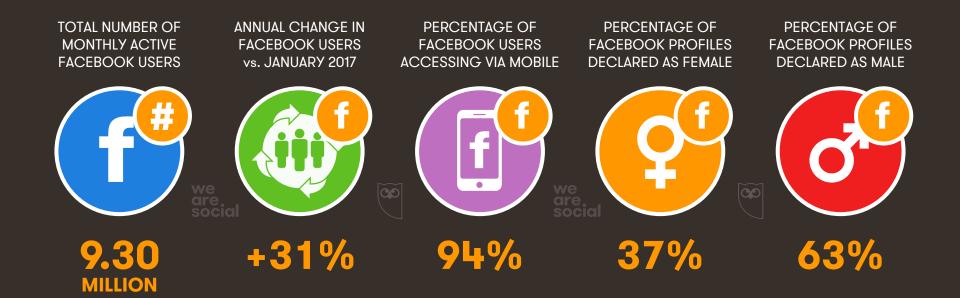






JAN 2018 FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS

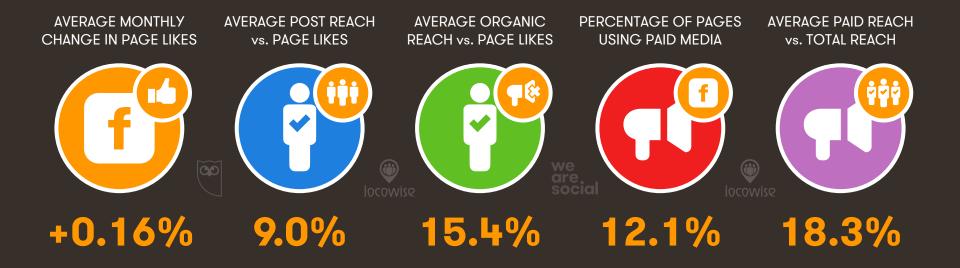






JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA





SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: REACH FIGURES COMPARE THE NUMBER OF TIMES THAT A POST WAS SERVED IN USERS' NEWSFEEDS TO THE TOTAL NUMBER OF PAGE 'FANS' (I.E. USERS THAT HAD LIKED THE PAGE) AT THE TIME THAT THE POST WAS PUBLISHED.



RATE FOR FACEBOOK PAGE VIDEO POSTS PAGE PHOTO POSTS PAGE LINK POSTS

PAGE POSTS (ALL TYPES)

AVERAGE ENGAGEMENT

4.33%

RATE FOR FACEBOOK

AVERAGE ENGAGEMENT

AVERAGE ENGAGEMENT RATE FOR FACEBOOK

AVERAGE FACEBOOK ENGAGEMENT RATES

THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

AVERAGE ENGAGEMENT RATE FOR FACEBOOK

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE STATUS POSTS

SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: ENGAGEMENT RATES COMPARE THE NUMBER OF PEOPLE WHO INTERACTED WITH A POST TO THE TOTAL NUMBER OF UNIQUE USERS TO WHOM THAT POST WAS SERVED, REGARDLESS OF WHETHER THOSE USERS WERE FANS OF THE PAGE AT THAT TIME.







6.17%



2.19%



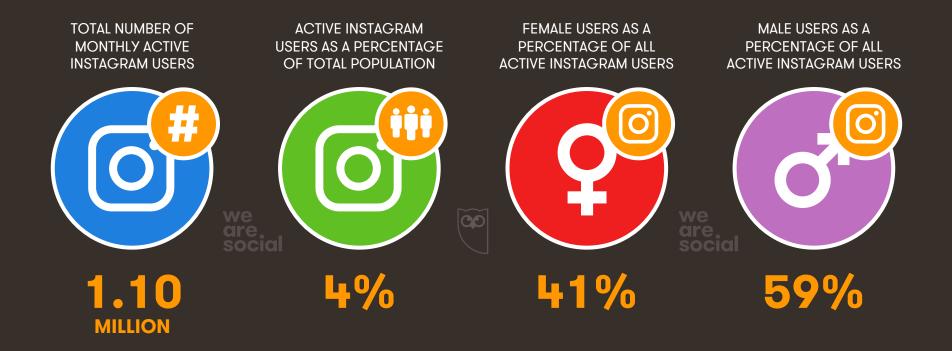


JAN 2018



INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER





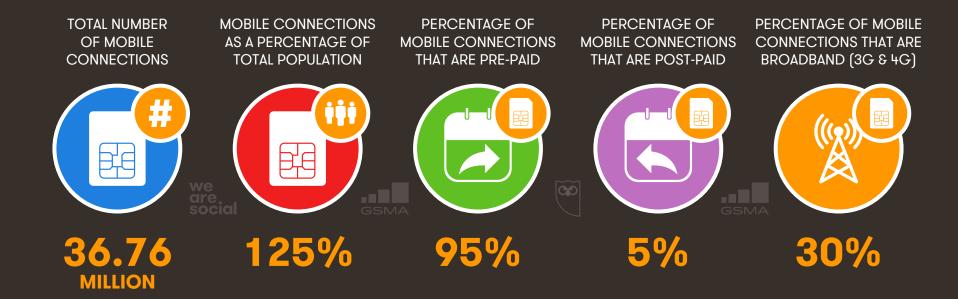


SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

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MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)



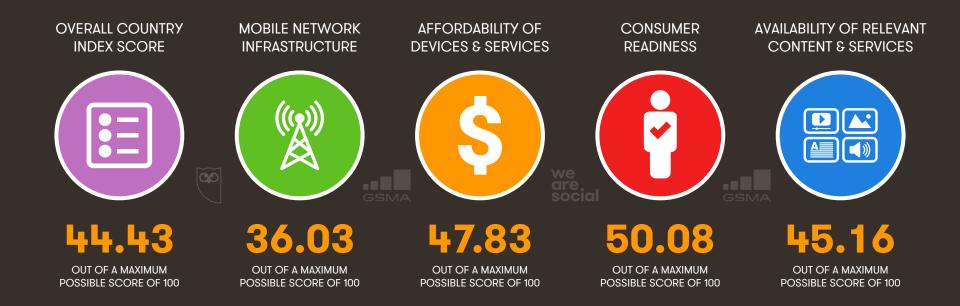




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MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY







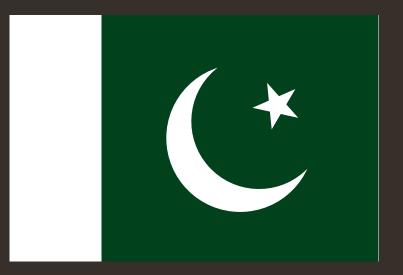
FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE









PAKISTAN



JAN 2018 DIGITAL IN PAKISTAN A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS



TOTAL INTERNET **ACTIVE SOCIAL** UNIOUE **ACTIVE MOBILE** POPULATION **USERS MEDIA USERS** MOBILE USERS SOCIAL USERS • 198.9 32.044.6 35.009.5 MILLION MILLION MILLION MILLION MILLION **URBANISATION: PENETRATION: PENETRATION: PENETRATION: PENETRATION:** 40% 22% 18% 55% 16%

SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).





ANNUAL DIGITAL GROWTH



INTERNET **ACTIVE SOCIAL** UNIQUE **ACTIVE MOBILE** USERS **MEDIA USERS MOBILE USERS** SOCIAL USERS 00 CO +27% +13% +14% [N/A] SINCE JAN 2017 SINCE JAN 2017 SINCE JAN 2017 SINCE JAN 2017 +10 MILLION +4 MILLION [N/A] +4 MILLION

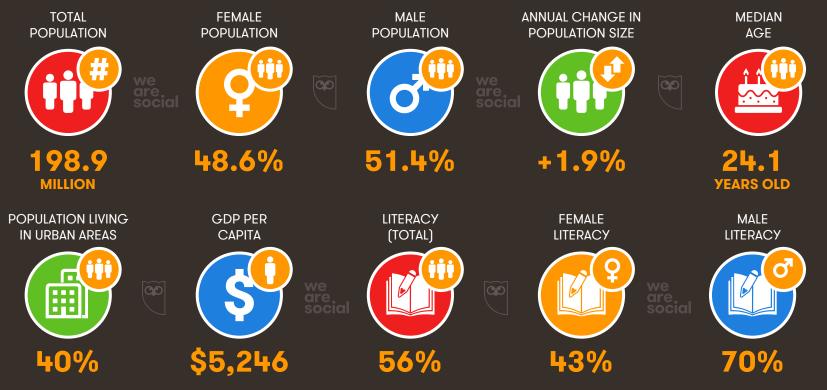
SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.



JAN PO 2018 ESSENTIAL

POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS





(

DEVICE USAGE

PERCENTAGE OF THE ADULT POPULATION* THAT CURRENTLY USES EACH KIND OF DEVICE [SURVEY-BASED]





(

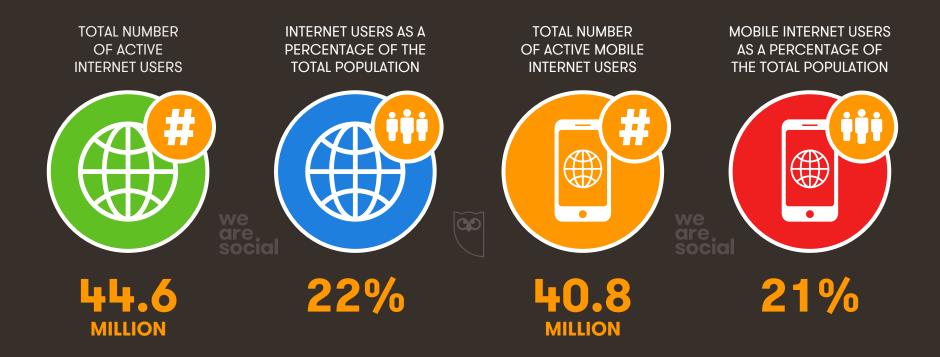
SOURCE: GOOGLE CONSUMER BAROMETER, JANUARY 2018. FIGURES BASED ON RESPONSES TO A SURVEY. *NOTE: DATA REPRESENTS ADULT RESPONDENTS ONLY; PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE INFORMATION ON GOOGLE'S METHODOLOGY AND THEIR AUDIENCE DEFINITIONS.



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INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES

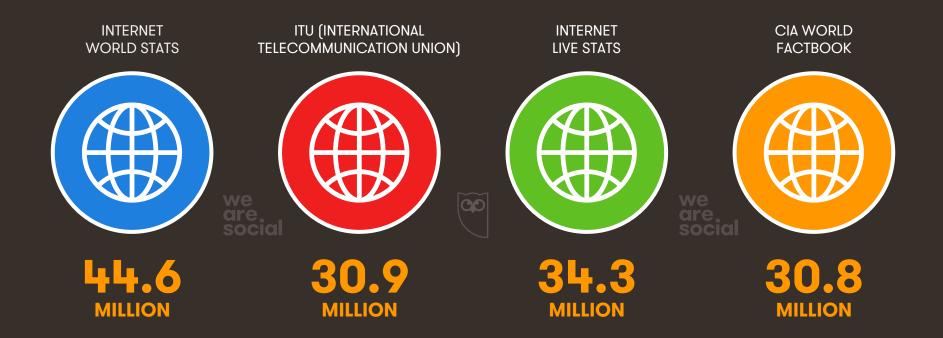






INTERNET USERS: DIFFERENT PERSPECTIVES

REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS





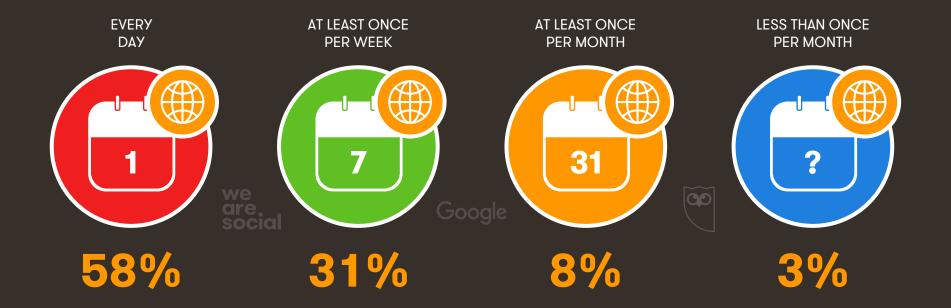
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SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

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FREQUENCY OF INTERNET USE HOW OFTEN INTERNET USERS ACCESS THE INTERNET FOR PERSONAL REASONS (ANY DEVICE)







INTERNET CONNECTIONS: SPEED & DEVICES AVERAGE INTERNET CONNECTION SPEEDS, AND THE DEVICE THAT PEOPLE USE MOST OFTEN TO ACCESS THE INTERNET



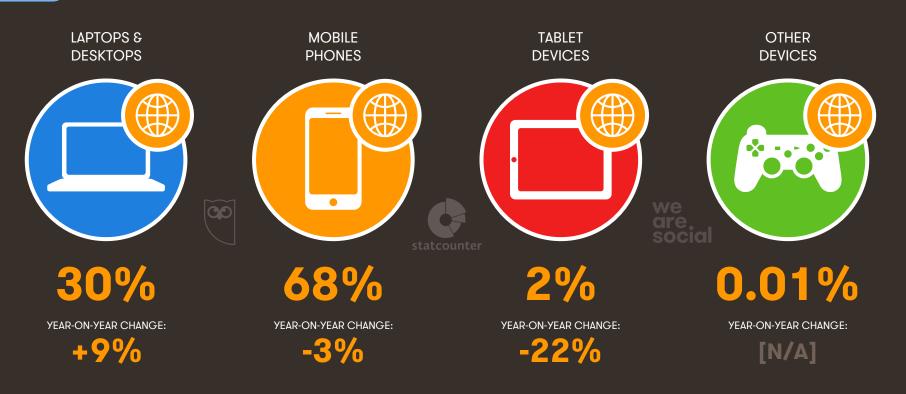
ACCESS THE INTERNET ACCESS EQUALLY VIA **ACCESS THE INTERNET** AVERAGE INTERNET AVERAGE INTERNET SPEED VIA FIXED SPEED VIA MOBILE MOST OFTEN VIA A **A SMARTPHONE AND** MOST OFTEN VIA A CONNECTIONS CONNECTIONS COMPUTER OR TABLET COMPUTER OR TABLET **SMARTPHONE** Ĩ ()71% 14.22 8% 8% 6.14 **MBPS MBPS**

SOURCES: OOKLA SPEEDTEST, NOVEMBER 2017; GOOGLE CONSUMER BAROMETER, JANUARY 2018. GOOGLE'S FIGURES BASED ON RESPONSES TO A SURVEY. NOTES: DATA REPRESENTS ADULT RESPONDENTS ONLY; PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE INFORMATION ON GOOGLE'S METHODOLOGY AND THEIR AUDIENCE DEFINITIONS. DEVICE USAGE PERCENTAGES MAY NOT SUM TO 100% DUE TO "DON'T KNOW" OR INCOMPLETE ANSWERS.



SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS





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163 SOURCES: STATCOUNTER, JANUARY 2018, AND STATCOUNTER, JANUARY 2017.

SIMILARWEB'S RANKING OF TOP WEBSITES



RANKINGS BASED ON AVERAGE MONTHLY TRAFFIC TO EACH WEBSITE IN Q4 2017

# WEBSITE	CATEGORY	MONTHLY TRAFFIC	TIME PER VISIT	PAGES PER VISIT
01 GOOGLE.COM.PK	SEARCH	89,300,000	12M 03S	7.8
02 YOUTUBE.COM	TV & VIDEO	88,500,000	27M 51S	13.7
03 FACEBOOK.COM	SOCIAL	61,700,000	18M 51S	14.3
04 GOOGLE.COM	SEARCH	57,100,000	11M 26S	13.0
05 YAHOO.COM	NEWS & MEDIA	11,900,000	8M 25S	6.4
06 DARAZ.PK	SHOPPING	8,500,000	5M 33S	4.8
07 WIKIPEDIA.ORG	REFERENCE	8,000,000	4M 39S	3.3
08 LIVE.COM		6,300,000	10M 16S	8.9
09 TWITTER.COM	SOCIAL	5,500,000	10M 34S	7.1
10 WHATSAPP.COM	SOCIAL	5,200,000	2M 50S	2.1



SOURCE: SIMILARWEB, JANUARY 2018, BASED ON AVERAGE MONTHLY DATA FOR Q4 2017. NOTES: MONTHLY TRAFFIC REPRESENTS TOTAL VISITS TO EACH SITE, NOT UNIQUE VISITORS. DATA FOR SOME COUNTRIES REPRESENTS DESKTOP TRAFFIC, WHILST OTHERS REPRESENTS TRAFFIC FROM BOTH DESKTOP AND MOBILE DEVICES. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



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ALEXA'S RANKING OF TOP WEBSITES

C

RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.COM.PK	7M 39S	10.13	11 LIVE.COM	4M 03S	3.41
02 YOUTUBE.COM	8M 18S	4.79	12 BLOGSPOT.COM	2M 38S	2.12
03 GOOGLE.COM	7M 32S	8.56	13 OLX.COM.PK	11M 31S	9.64
04 FACEBOOK.COM	10M 21S	4.00	14 DAWN.COM	8M 10S	2.61
05 YAHOO.COM	4M 02S	3.61	15 BONGACAMS.COM	4M 22S	2.03
06 DARAZ.PK	4M 31S	3.30	16 NTS.ORG.PK	7M 33S	5.66
07 URDUPOINT.COM	5M 05S	4.12	17 EXPRESS.PK	8M 13S	3.75
08 WIKIPEDIA.ORG	4M 16S	3.31	18 EXPRESS.COM.PK	7M 25S	2.80
09 HAMARIWEB.COM	2M 53S	2.34	19 DELOTON.COM	1M 02S	1.52
10 DAILYPAKISTAN.COM.PK	6M 46S	3.96	20 DUNYANEWS.TV	3M 49S	2.51

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



WEEKLY ONLINE ACTIVITIES BY DEVICE PERCENTAGE OF THE TOTAL POPULATION* ENGAGING IN EACH ACTIVITY AT LEAST ONCE PER WEEK [SURVEY-BASED]





SOURCE: GOOGLE CONSUMER BAROMETER, JANUARY 2018. FIGURES BASED ON RESPONSES TO A SURVEY. *NOTES: DATA BASED ON SURVEY RESPONSES FROM ADULT INTERNET USERS ONLY; PLEASE SEE THE NOTES AT THE END OF THIS REPORT FOR MORE INFORMATION ON GOOGLE'S METHODOLOGY AND THEIR AUDIENCE DEFINITIONS. DATA HAS BEEN REBASED TO SHOW TOTAL NATIONAL PENETRATION, REGARDLESS OF AGE. Hootsuite[™] are socia

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JAN

TOP GOOGLE SEARCH QUERIES IN 2017



#	QUERY	INDEX	
01	DOWNLOAD	100	
02	PAKISTAN	93	
03	SONG	78	
04	VIDEO	72	
05	YOUTUBE	67	
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12	FB	26	
13	PICS	21	
14	FACEBOOK LOGIN	17	
15	www	17	
16	YOU	o 15	
17	GMAIL	14	
18	SAMSUNG	13	
19	GAMES	12	
20	HINDI MOVIE	12	

SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).



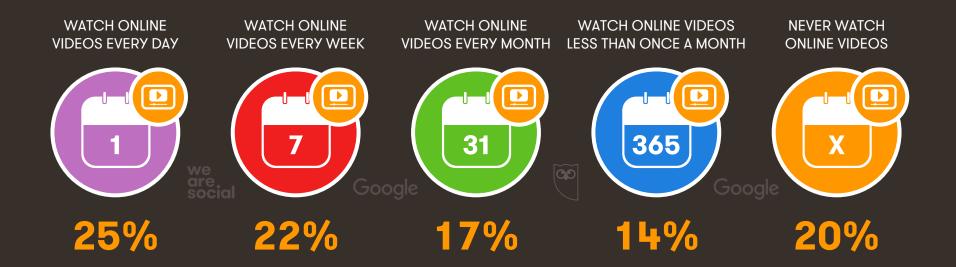
(*)



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FREQUENCY OF WATCHING ONLINE VIDEO HOW OFTEN INTERNET USERS WATCH ONLINE VIDEOS (ANY DEVICE)



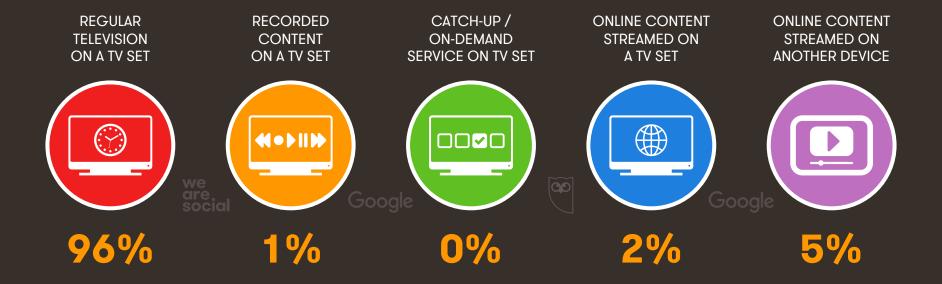




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HOW INTERNET USERS WATCH TELEVISION COMPARISON OF THE METHODS AND DEVICES USED FOR ACCESSING AND DISPLAYING "TELEVISION" CONTENT



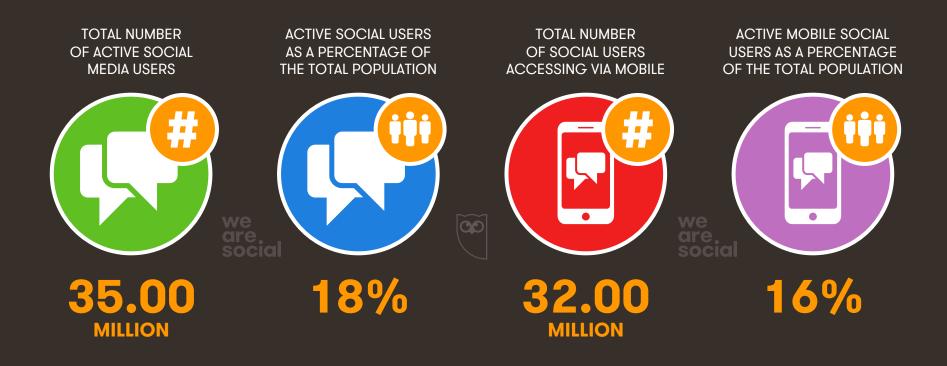


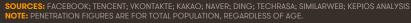


SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY



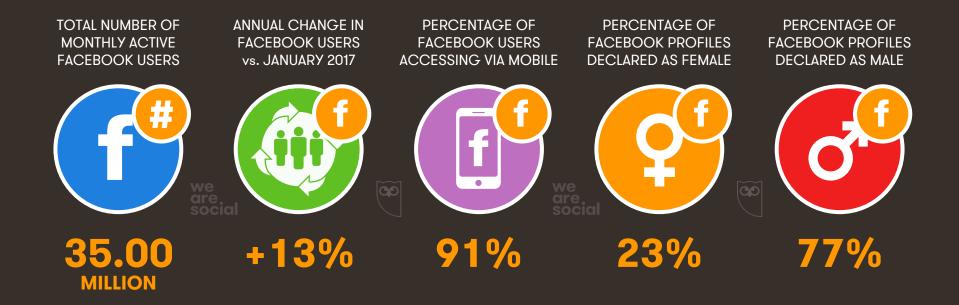






JAN 2018 FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS



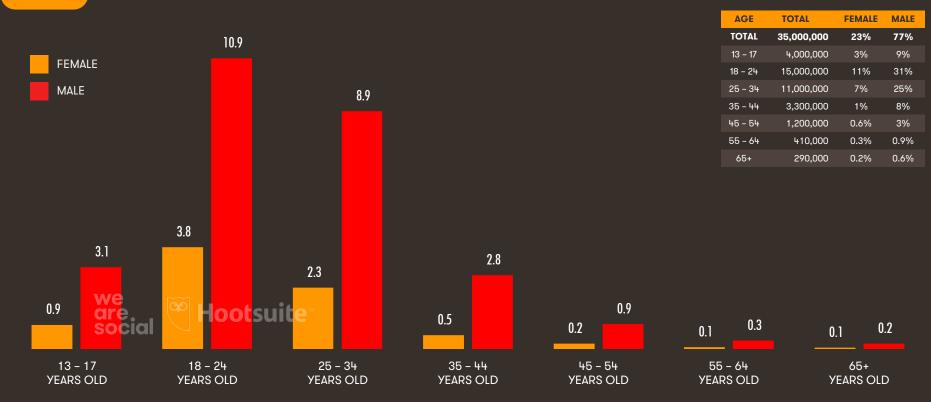




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PROFILE OF FACEBOOK USERS A BREAKDOWN OF THE COUNTRY'S FACEBOOK'S USERS BY AGE AND GENDER, IN MILLIONS

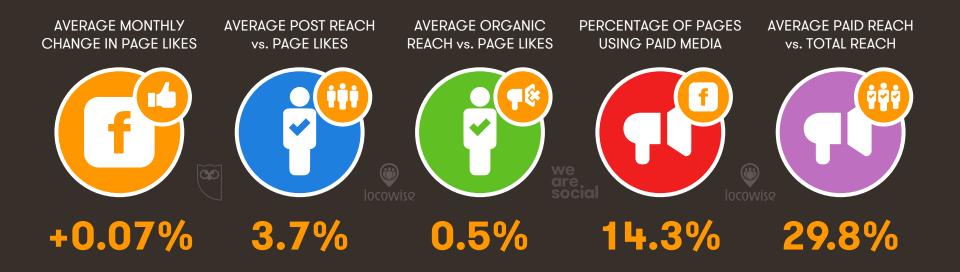




SOURCE: EXTRAPOLATION OF FACEBOOK DATA, JANUARY 2018. NOTES: THE 'TOTAL' COLUMN OF THE INSET TABLE SHOWS ORIGINAL VALUES, WHILE GRAPH VALUES HAVE BEEN DIVIDED BY ONE MILLION. TABLE PERCENTAGES REPRESENT THE RESPECTIVE GENDER AND AGE GROUP'S SHARE OF TOTAL NATIONAL FACEBOOK USERS. TABLE VALUES MAY NOT SUM EXACTLY DUE TO ROUNDING IN THE SOURCE DATA.

JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA







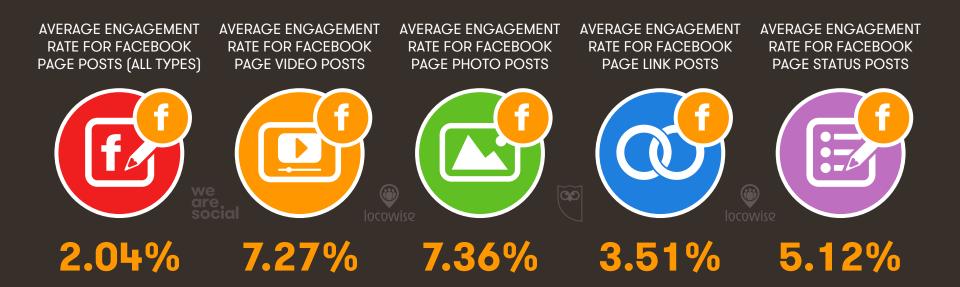
AVERAGE FACEBOOK ENGAGEMENT RATES THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

JAN

2018

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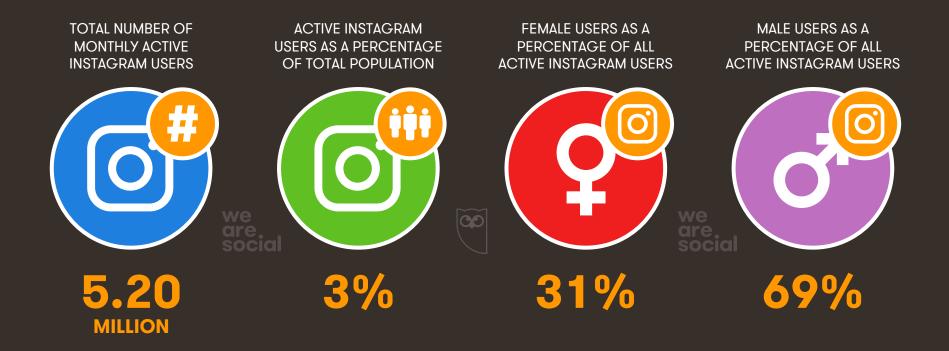
SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: ENGAGEMENT RATES COMPARE THE NUMBER OF PEOPLE WHO INTERACTED WITH A POST TO THE TOTAL NUMBER OF UNIQUE USERS TO WHOM THAT POST WAS SERVED, REGARDLESS OF WHETHER THOSE USERS WERE FANS OF THE PAGE AT THAT TIME.





INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER





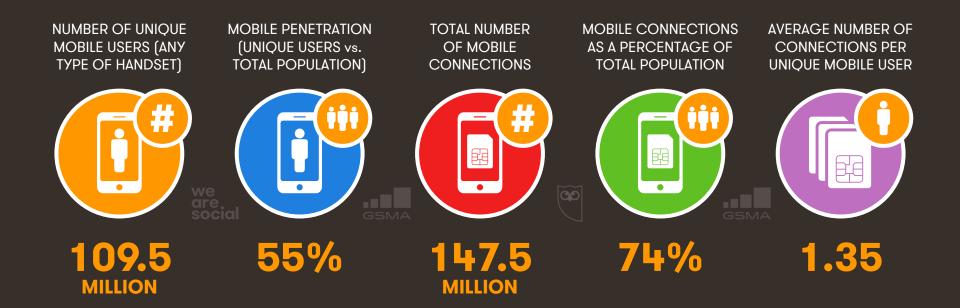


SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

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MOBILE USERS vs. MOBILE CONNECTIONS



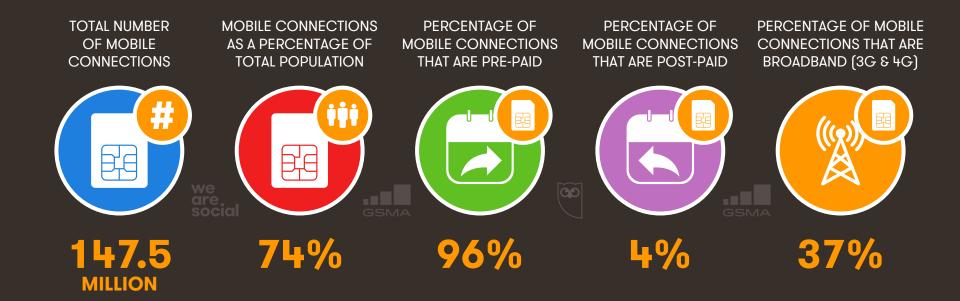




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MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)







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MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY







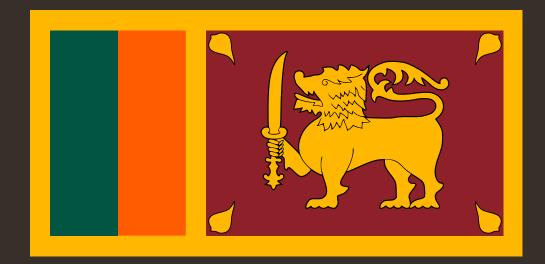
FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE









SRI LANKA

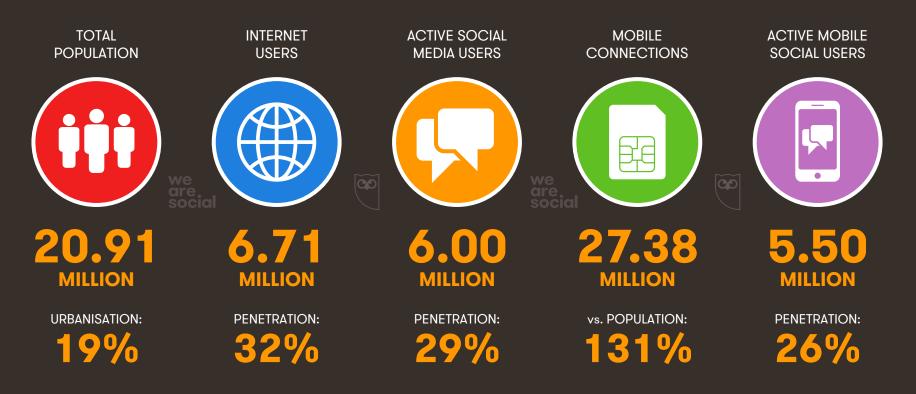




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DIGITAL IN SRI LANKA A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS





SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNET: WORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION (ALL AGES).





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ANNUAL DIGITAL GROWTH YEAR-ON-YEAR CHANGE IN KEY STATISTICAL INDICATORS





SOURCES: POPULATION: UNITED NATIONS; U.S. CENSUS BUREAU; INTERNET: INTERNETWORLDSTATS; ITU; EUROSTAT; INTERNETLIVESTATS; CIA WORLD FACTBOOK; MIDEASTMEDIA.ORG; FACEBOOK; GOVERNMENT OFFICIALS; REGULATORY AUTHORITIES; REPUTABLE MEDIA; SOCIAL MEDIA AND MOBILE SOCIAL MEDIA: FACEBOOK; TENCENT; VKONTAKTE; KAKAO; NAVER; DING; TECHRASA; SIMILARWEB; KEPIOS ANALYSIS; MOBILE: GSMA INTELLIGENCE; GOOGLE; ERICSSON; KEPIOS ANALYSIS. GROWTH DATA: WE ARE SOCIAL & HOOTSUITE'S DIGITAL IN 2017 REPORT.

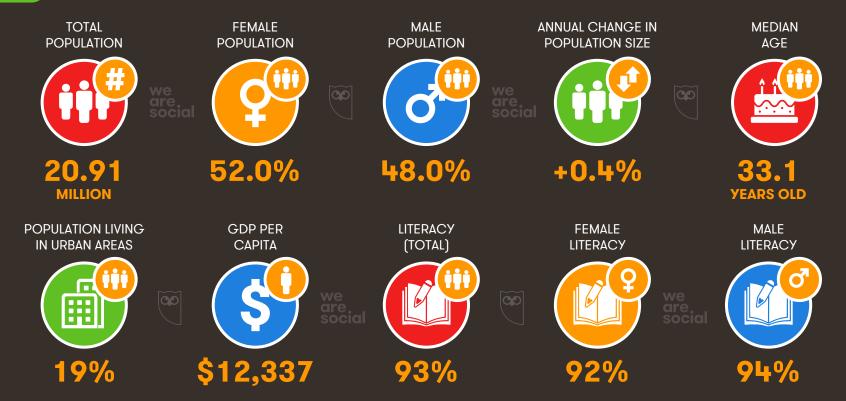


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POPULATION & ECONOMIC INDICATORS

ESSENTIAL DEMOGRAPHICS AND KEY ECONOMIC INDICATORS





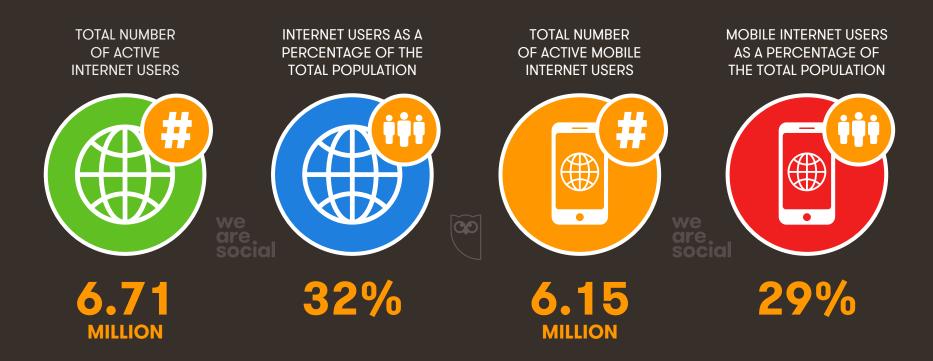




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INTERNET USE BASED ON REPORTED INTERNET USER DATA, AND ACTIVE USE OF INTERNET-POWERED MOBILE SERVICES



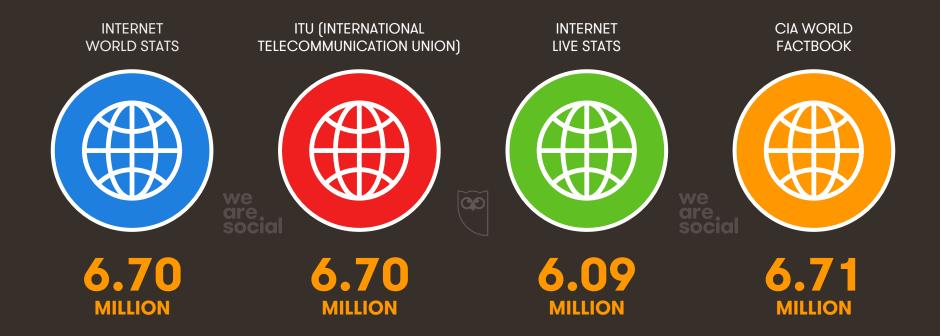




INTERNET USERS: DIFFERENT PERSPECTIVES



REPORTS OF THE TOTAL NUMBER OF INTERNET USERS FROM DIFFERENT DATA PROVIDERS





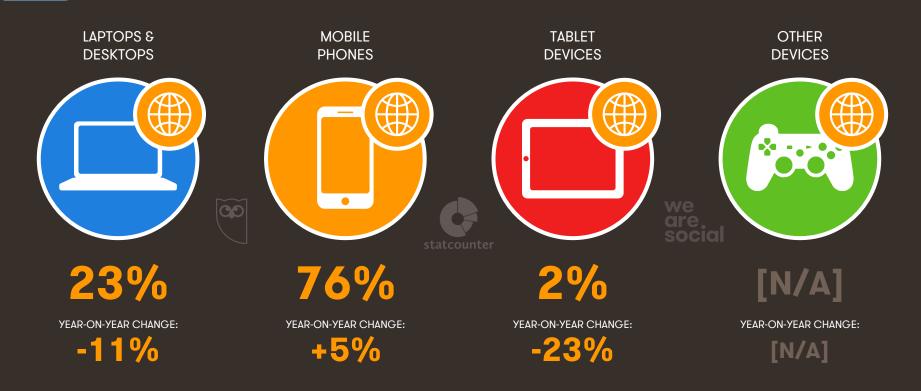
SOURCES: INTERNETWORLDSTATS; INTERNATIONAL TELECOMMUNICATION UNION (ITU); INTERNETLIVESTATS; CIA WORLD FACTBOOK; ALL LATEST REPORTED FIGURES AS OF JANUARY 2018.

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SHARE OF WEB TRAFFIC BY DEVICE

BASED ON EACH DEVICE'S SHARE OF ALL WEB PAGES SERVED TO WEB BROWSERS







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ALEXA'S RANKING OF TOP WEBSITES



RANKINGS BASED ON THE NUMBER OF VISITORS TO EACH SITE, AND THE NUMBER OF PAGES VIEWED ON EACH SITE PER VISIT

# WEBSITE	TIME	PAGES	# WEBSITE	TIME	PAGES
01 GOOGLE.LK	7M 22S	10.28	11 HIRUNEWS.LK	4M 56S	2.62
02 YOUTUBE.COM	8M 18S	4.79	12 EBAY.COM	9M 41S	7.22
03 GOOGLE.COM	7M 32S	8.56	13 BLOGSPOT.COM	2M 38S	2.12
04 FACEBOOK.COM	10M 21S	4.00	14 BAISCOPELK.COM	4M 44S	4.48
05 HIRUFM.LK	7M 09S	3.93	15 SLT.LK	3M 25S	2.93
06 УАНОО.СОМ	4M 02S	3.61	16 PORNHUB.COM	8M 29S	3.19
07 IKMAN.LK	14M 53S	12.90	17 HIRUTV.LK	3M 25S	2.50
08 XHAMSTER.COM	10M 40S	8.72	18 JAYASRILANKA.NET	4M 03S	5.58
09 GOSSIPLANKANEWS.COM	6M 47S	3.23	19 TXXX.COM	5M 04S	2.84
10 WIKIPEDIA.ORG	4M 16S	3.31	20 YTS.AM	4M 03S	4.16

SOURCE: ALEXA, JANUARY 2018. NOTES: 'TIME' REPRESENTS TIME SPENT ON SITE PER DAY. 'PAGES' REPRESENTS NUMBER OF PAGE VIEWS PER DAY. ALEXA USES A COMBINATION OF AVERAGE DAILY VISITORS AND PAGE VIEWS OVER A ONE-MONTH PERIOD TO CALCULATE ITS RANKING. RANKINGS ON THIS SLIDE ARE BASED ON THE MONTH TO 16 JANUARY 2018. ADVISORY: SOME WEBSITES REFERENCED ON THIS SLIDE MAY CONTAIN ADULT CONTENT, OR CONTENT THAT IS UNSUITABLE FOR THE WORKPLACE. PLEASE USE CAUTION WHEN VISITING UNKNOWN WEBSITES.



TOP GOOGLE SEARCH QUERIES IN 2017



RANKING OF THE TOP SEARCH TERMS ENTERED INTO GOOGLE'S SEARCH ENGINE THROUGHOUT 2017

# QUERY	INDEX	
01 SRI LANKA	100	
02 FACEBOOK	76	
03 VIDEO	68	
04 SINHALA	65	
05 LOGIN FACEBOOK	34	
06 GOOGLE	32	
07 GOSSIP	31	
08 YOUTUBE	31	
09 FB	25	
10 GOSSIP LANKA	21	

#	QUERY	INDEX
11	IKMAN.LK	20
12	GMAIL	16
13	CRICKET	15
14	YOU	15
15	IKMAN	13
16	CAR	11
17	www	10
18	CRICINFO	9
19	TRANSLATE	8
20	LIVE CRICKET	8



SOURCE: GOOGLE TRENDS, JANUARY 2018. NOTES: GOOGLE DOES NOT PUBLISH SEARCH VOLUMES, BUT THE 'INDEX' COLUMN SHOWS RELATIVE VOLUME FOR EACH QUERY COMPARED TO THE SEARCH VOLUME FOR THE TOP QUERY (AN INDEX OF 50 MEANS THAT THE QUERY RECEIVED 50% OF THE SEARCH VOLUME OF THE TOP QUERY).

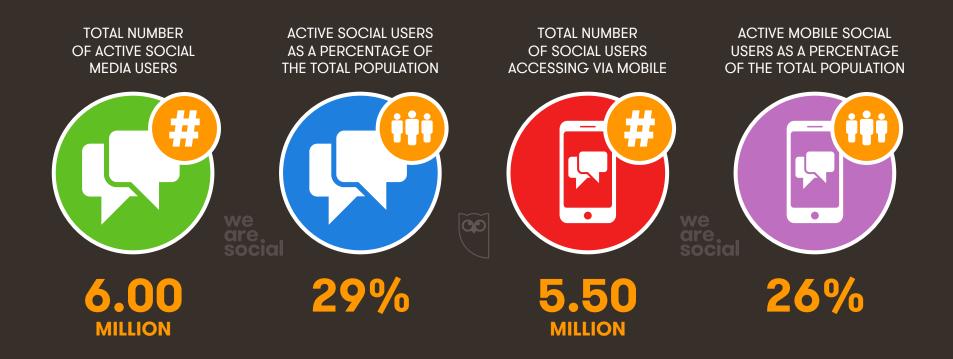


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SOCIAL MEDIA USE

BASED ON THE MONTHLY ACTIVE USERS REPORTED BY THE MOST ACTIVE SOCIAL MEDIA PLATFORM IN EACH COUNTRY

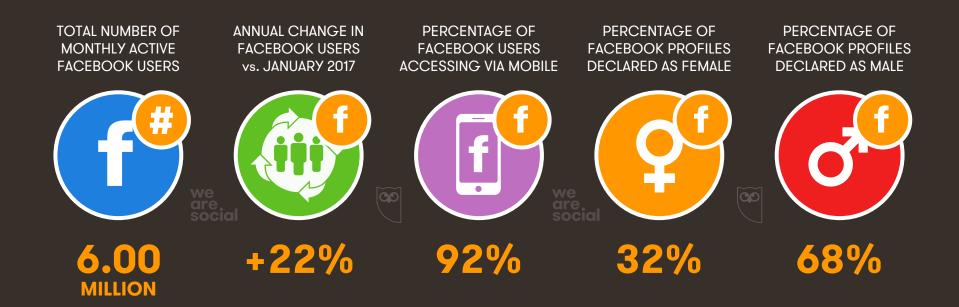






FACEBOOK USAGE ANALYSIS A CLOSER LOOK AT FACEBOOK USE, BROKEN DOWN BY MOBILE USE AND SELF-DECLARED GENDER OF USERS

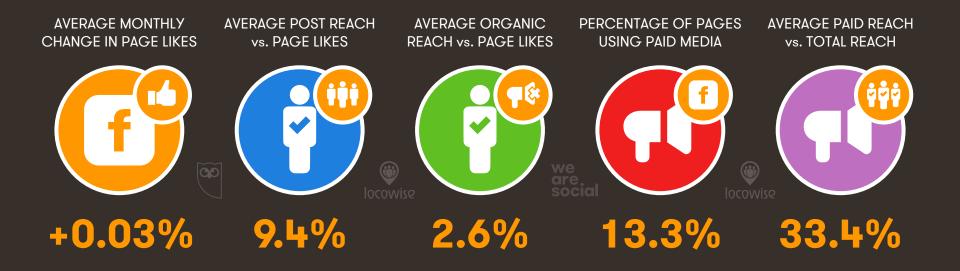






JAN 2018 AVERAGE FACEBOOK PAGE POST REACH AVERAGE MONTHLY GROWTH IN PAGE LIKES ('FANS'), AVERAGE REACH OF PAGE POSTS vs. PAGE LIKES, AND PAID MEDIA





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PAGE POSTS (ALL TYPES) PAGE VIDEO POSTS PAGE PHOTO POSTS

AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

2.12%

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JAN 2018

2.21%

AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

7.08%

4.49%



0.85%

AVERAGE ENGAGEMENT

RATE FOR FACEBOOK

PAGE STATUS POSTS

SOURCE: LOCOWISE, JANUARY 2018. DATA REPRESENTS AVERAGE FIGURES FOR FULL-YEAR 2017. NOTE: ENGAGEMENT RATES COMPARE THE NUMBER OF PEOPLE WHO INTERACTED WITH A POST TO THE TOTAL NUMBER OF UNIQUE USERS TO WHOM THAT POST WAS SERVED, REGARDLESS OF WHETHER THOSE USERS WERE FANS OF THE PAGE AT THAT TIME.









AVERAGE FACEBOOK ENGAGEMENT RATES

THE NUMBER OF PEOPLE WHO ENGAGE WITH A FACEBOOK PAGE'S POSTS vs. THE NUMBER OF PEOPLE THAT THOSE POSTS REACH

AVERAGE ENGAGEMENT

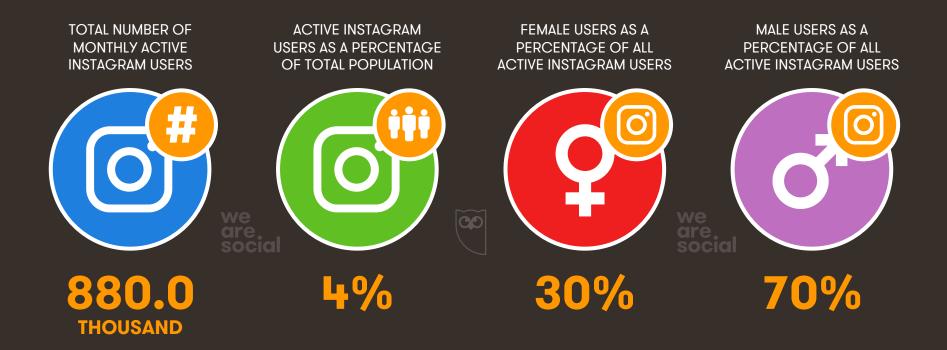
RATE FOR FACEBOOK

AVERAGE ENGAGEMENT RATE FOR FACEBOOK PAGE LINK POSTS



INSTAGRAM USAGE ANALYSIS AN OVERVIEW OF MONTHLY ACTIVE INSTAGRAM USERS, BROKEN DOWN BY GENDER







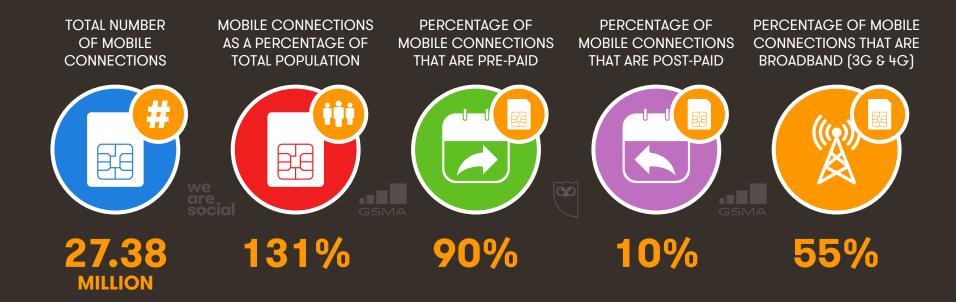
SOURCE: EXTRAPOLATION OF DATA FROM INSTAGRAM (VIA FACEBOOK), JANUARY 2018. PENETRATION RATES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

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MOBILE CONNECTIONS BY TYPE BASED ON THE NUMBER OF CELLULAR CONNECTIONS (NOTE: NOT UNIQUE INDIVIDUALS)



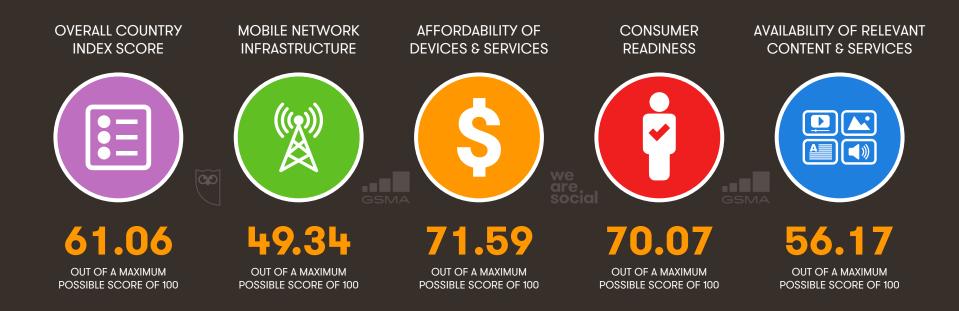




SOURCE: GSMA INTELLIGENCE, Q4 2017. NOTE: PENETRATION FIGURES ARE FOR TOTAL POPULATION, REGARDLESS OF AGE.

MOBILE CONNECTIVITY INDEX GSMA INTELLIGENCE'S ASSESSMENT OF THE COUNTRY'S KEY ENABLERS AND DRIVERS OF MOBILE CONNECTIVITY







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FINANCIAL INCLUSION FACTORS

PERCENTAGE OF THE POPULATION AGED 15+ THAT REPORTS OWNING OR USING EACH FINANCIAL PRODUCT OR SERVICE







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MORE INFORMATION

CLICK THE LINKS BELOW TO READ AND DOWNLOAD THE FULL SET OF 2018 GLOBAL DIGITAL REPORTS, AND ACCESS ADDITIONAL INSIGHTS AND RESOURCES FROM BOTH HOOTSUITE AND WE ARE SOCIAL:



CLICK HERE TO ACCESS HOOTSUITE'S RESOURCES

CLICK HERE TO ACCESS WE ARE SOCIAL'S RESOURCES

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GlobalWebIndex is the leading provider of audience profiling data to agencies, publishers and brands worldwide.



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SPECIAL THANKS: GSMA INTELLIGENCE



GSMA Intelligence is the unit within the GSMA that houses the organisation's extensive database of mobile operator statistics, forecasts, and industry reports. GSMA Intelligence's data covers every operator group, network and MVNO in every country – from Afghanistan to Zimbabwe. Updated daily, it is the most accurate and complete set of industry metrics available, comprising tens of millions of individual data points.

Leading operators, vendors, regulators, financial institutions and third-party industry players rely on GSMA Intelligence to support strategic decision-making and long-term investment planning. The data is used as an industry reference point and is frequently cited by the media and by the industry itself. GSMA Intelligence's team of analysts and experts produce regular thought-leading research reports across a range of industry topics.

Learn more about GSMA Intelligence at http://www.gsmaintelligence.com

SPECIAL THANKS: STATISTA

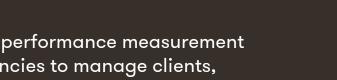
statista 🌠

Statista is one of the world's largest online statistics databases. Its Digital Market Outlook products provide forecasts, detailed market insights, and key indicators on 8 digital verticals including e-commerce, digital media, advertising, and smart home with 33 segments across more than 50 regions and countries.



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ocowise

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Find out more: http://similarweb.com/

SPECIAL THANKS: APPANNIE

App Annie

App Annie delivers the most trusted app market data for businesses to succeed in the global app economy. Over 1 million registered members rely on App Annie to better understand the app market, and how to improve user acquisition strategies (paid and ASO), retention, product development to further grow their businesses, and leverage the opportunities around them.



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Klear is a big data search engine for influencers. Klear is trusted by the world's leading brands and agencies to help build, scale, and measure influencer programs.



Find out more: http://klear.com/

SPECIAL THANKS

We'd also like to offer our thanks to the following data providers for publishing much of the remaining data included in this year's reports:



Lastly, a big thank you to the **The Noun Project**, who supply and inspire the icons we use in these reports.

DATA SOURCES USED IN THIS REPORT & NOTES ON METHODOLOGIES

POPULATION DATA: United Nations World Population Prospects, 2017 Revision; US Census Bureau (accessed January 2018); United Nations World Urbanization Prospects, 2014 Revision. Literacy rates from UNESCO (accessed January 2018). GDP data from World Bank (accessed January 2018). Median age data from US Census Bureau (accessed January 2018).

DIGITAL DEVICE OWNERSHIP DATA: Google Consumer Barometer (accessed January 2018)**.

DIGITAL ATTITUDES DATA: GlobalWebIndex (Q2 & Q3 2017)*; Google Consumer Barometer (accessed January 2018)**.

INTERNET USER DATA: InternetWorldStats (accessed January 2018); ITU, Individuals Using the Internet, 2016; Eurostat online database, Individuals - internet use (accessed January 2018); CIA World Factbook (accessed January 2018); Northwestern University in Qatar, Media use in the Middle East, 2017 (accessed January 2018); national government and regulatory body websites; government officials cited in reputable media. Mobile internet use data from GlobalWebIndex (Q2 & Q3 2017)* and extrapolation of data from Facebook (January 2018). Time spent, and mobile internet usage and penetration data extrapolated from GlobalWebIndex (Q2 & Q3 2017)*. Share of web traffic data from StatCounter (January 2018). Frequency of internet use data from Google Consumer Barometer (accessed January 2018)**. Internet connection speed data from Ookla's Speed

Test (December 2017). Website rankings from SimilarWeb (Q4 2017) and Alexa (December 2017). Google search query rankings from Google Trends (data for 12 months to January 2018). Frequency of use and TV viewing habits from Google Consumer Barometer (accessed January 2018)**.

SOCIAL MEDIA AND MOBILE SOCIAL MEDIA DATA:

Latest reported monthly active user numbers from Facebook, Tencent, VKontakte, LINE, Kakao, Google, Sina, Twitter, Skype, Yahool, Viber, Baidu, and Snap, as quoted directly in company documents, or as reported by reputable media (all latest data available at time of publishing in January 2018). Time spent on social media from GlobalWebIndex (Q2 & Q3 2017)*. Facebook and Instagram age and gender figures extrapolated from Facebook data (January 2018). Facebook reach and engagement data from Locowise; data represents monthly averages for full-year 2017.

MOBILE PHONE USERS, MOBILE CONNECTIONS, AND MOBILE BROADBAND DATA: Latest reported global and national data from GSMA Intelligence (Q4 2017); extrapolated global data from GSMA Intelligence (January 2018); Ericsson Mobility Report (November 2017). Usage data extrapolated from GlobalWebIndex (Q2 & Q3 2017)*; Google Consumer Barometer (accessed January 2018)**. GSMA Intelligence Mobile Connectivity Index (accessed January 2018):

Smartphone Life Management Activity data from Google Consumer Barometer (accessed January 2018). Mobile app rankings and app usage insights taken from App Annie's 2017 Retrospective and Why You Mobile Strategy Needs Apps reports – for more details, visit http://bit.ly/AppAnnie2017.

E-COMMERCE DATA: Statista Digital Market Outlook, e-Commerce, e-Travel, and digital media industry reports (accessed January 2018). For more info, visit http://www.statista.com. GlobalWebIndex (Q2 & Q3 2017)*; Google Consumer Barometer (accessed January 2018)**.

FINANCIAL INCLUSION DATA: World Bank Global Financial Inclusion (accessed January 2018).

NOTES: Some 'annual growth' figures are calculated using the data reported in Hootsuite and We Are Social's Digital in 2017 report: http://bit.ly/GD2017GO.

*GlobalWebIndex manages a panel of more than 18 million connected consumers, collecting data every quarter across 40 countries around the world, and representing 90% of the global internet population. Visit http://www.globalwebindex.net for more details.

**Google's Consumer Barometer polls a nationally representative total population (online & offline) aged 16+ in each country surveyed except in Argentina, Brazil, China, India, Japan, South Korea, Malaysia, Mexico, Philippines, Vietnam, and the USA, where the sample base is aged 18+. For more details, visit http://www.consumerbarometer.com/.

NOTES ON DATA VARIANCE, MISMATCHES, AND CURIOSITIES

This report uses data from a wide variety of sources, including market research agencies, internet and social media companies, governments and public bodies, news media, journalists, and our own internal analysis.

Wherever possible, we've prioritised data sources that provide broader geographical coverage, in order to minimise the potential variations between data points, and offer more reliable comparison across countries. However, where we believe that an individual metric provides a more reliable reference, we've used such individual numbers to ensure the most accurate reporting.

Furthermore, due to differing data collection and preparation methodologies used by these organisations, as well as the different sample periods during which the data were collected, there may be significant differences in the reported metrics for similar data points throughout this report.

In particular, data collected via surveys often vary from one report to another, even if those data have been collected by the same organisation using the same methodology and approach in each wave.

Similarly, reports of internet user numbers vary considerably between different sources, due to the complex nature of collecting this data. In part, this is because there are fewer commercial imperatives for governments and regulators to collect and publish regular internet user data compared to, for example, the regular user number updates published by social media companies, who depend on such data to sell their products and services.

However, the latest user numbers published by these companies can be a useful proxy for the number of internet users in countries where no other reliable data are available, because all active social media users must have an active internet connection in order to access social media.

Because of this, on occasion, we've used the latest monthly active user data from social media companies to inform our internet user numbers, especially in less-developed economies, where 'official' internet user numbers are published less frequently. As a result, there are a number of countries in this report where the number of social media users equals the number of internet users.

It's unlikely that 100 percent of internet users in any given country will use the same social media platform though, so in cases where internet and social media user numbers are the same, it's likely that the actual number of internet users will be higher than the number we've reported.

Lastly, in some instances in this year's report, metrics may have decreased year-on-year due to corrections in the source data, actual declines in user numbers, and changes in the primary data source we've used in our reporting due to reasons such as increased reliability, or the non-availability of updated numbers from previous providers.

If you have any questions about specific data points in these reports, or if you'd like to offer your organisation's data for consideration in future reports, please email our reports team: info@kepios.com

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