

INTERNET

texnologiyalari va ularning rivojlanishi

“Axborot texnologiyalari”
kafedrasi dotsenti
Abdullaev Zafar Sayfutdinovich



REJA

- ▶ 1. INTERNET ning rivojlanish tarixi.
- ▶ 2. INTERNET dan foydalanuvchi qurilmalar.
- ▶ 3. Dunyo bo'yicha INTERNET dan foydalanuvchilar statistikasi.
- ▶ 4. Google kompaniyasi.

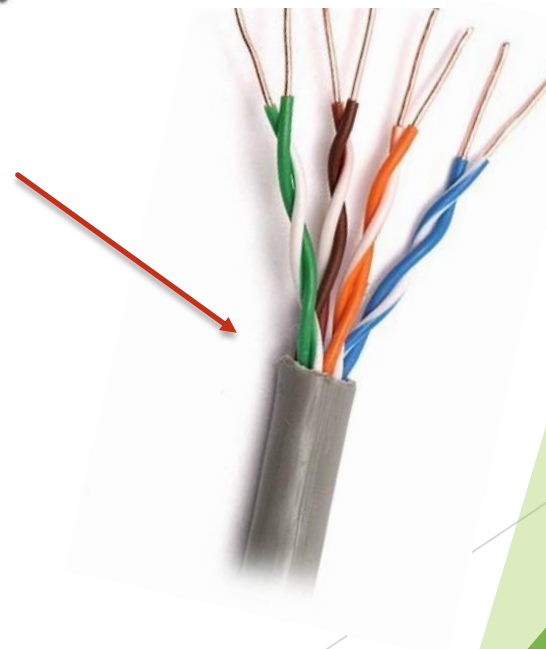
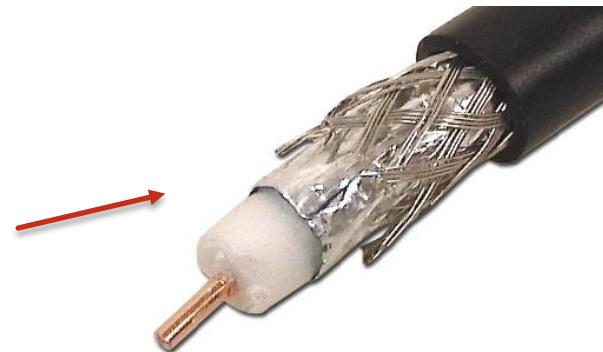
Komp'yuter tarmoqlari

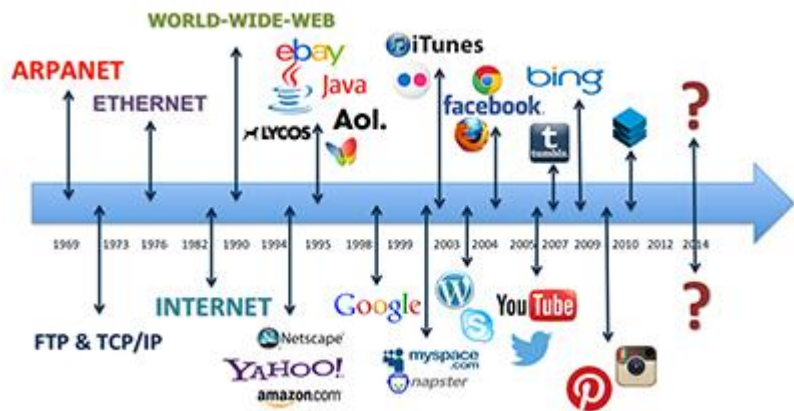
- ▶ 1. personalis Area Network (PANIS) -?
- ▶ 2. Local Area Network (LAN) -?
- ▶ 3. Local Area Network Wireless (WLAN) -?
- ▶ 4. campo Area Network unam praebebet (etiam) -?
- ▶ 5. Metropolitan Area Network (hominis) -?
- ▶ 6. Area Network Wide (LURIDUS) -?
- ▶ 7. at-Area Network (San) -?
- ▶ 8. Ratio-Area Network (San) -?
- ▶ 9. Passivus Pub Local Area Network (POLAN) -?
- ▶ 10. Enterprise Secretum Network (EPN) -?
- ▶ 11 Rectum Secretum Network (VPN) -?



Komputer tarmog'i qanday tashkil etiladi?

- ▶ Cabel tezligi **10 Mbit/s**, bino ichida;
- ▶ Juft o'ramli kabel tezligi **100 Mbit/s**, masofasi 100 metr;
- ▶ Optic tolali kabel tezligi **2 Gbit/s**, masofasi 100 km.



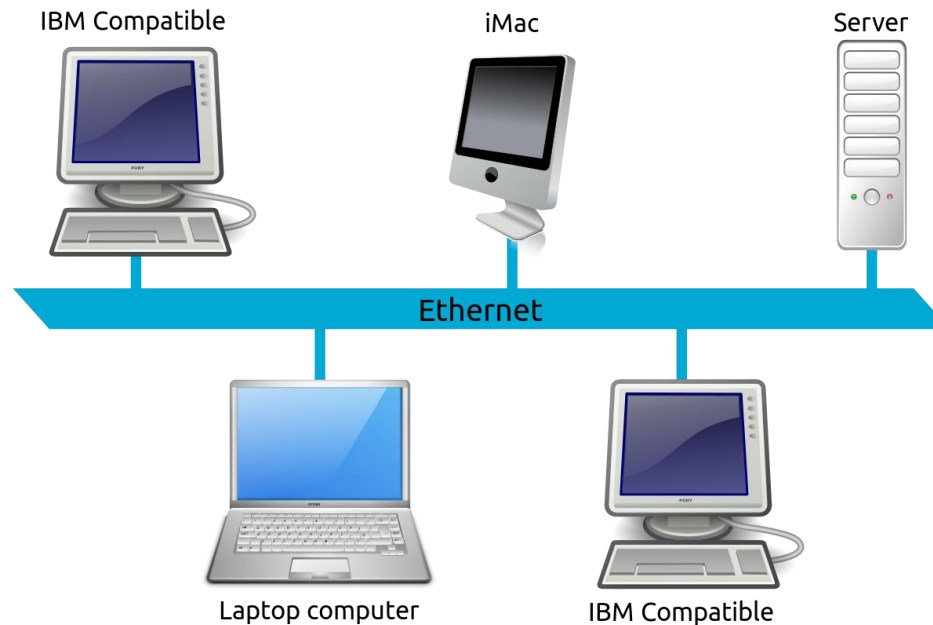


Internet nima va u qanday vujudga kelgan?

- ▶ 1969- yilda Pentagon mutaxassislari tomonidan **Advanced Research Project Agency Network (Arpanet)** komp'yuter tarmog'i yaratiladi.
- ▶ 1972- ARPANETga AQSHning harbiy bo'lmagan muassasalari xam bu tarmoqqa ulandi.
- ▶ 1973-yilda Angliya va Norvegiya bilan aloqa kanallari o'rnatildi.
- ▶ 1977 -yilda ARPANETning AQSH ichidagi va rivojlangan davlatlardagi aloqa tarmoqlari bilan ulanishi boshlandi. Bu ulanish natijasida global komp'yuter tarmog'i **INTERNET** vujudga keldi.



Internet, Ethernet va Intranet farqlari



Telefon orqali internetdan foydalanish

- ▶ 1G: Voice Only. 2.4 kb/s. 1980 yilda;
- ▶ 2G: SMS & MMS. 1 Mb/s. 1991 yilda. GSM va EDGE (Enhanced Data Rates for GSM Evolution);
- ▶ 3G: More Data! Video Calling & Mobile Internet. 2 Mb/s. 1998 yilda,
HSPA + (Evolved High Speed Packet Access) orqali 21 Mb/s gacha tezligi.
- ▶ 4G: The Current Standard. 100 Mb/s I yoki 1 Gb/s; 2008 yilda, u telefon orqali HD TV, Video konferenciya, 3D TV va yuqori grafik imkoniyatlarni beradi;
- ▶ 5G: Coming Soon. Grafik Imkoniyat , 4k. 10 Gbit/s.

TV, projector boshqa qurilmalar sifatlarining turlari

Nomlanishi	Gorizantal x vertikal pixels	Boshqacha nomlanishi	Qurilmalar
8K	7,680x4,320	8K UHD	TVs
"Cinema" 4K	4,096x[unspecified]	4K	Projectors
UHD	3,840x2,160	4K, Ultra HD, Ultra-High Definition	TVs, monitors
2K	2,048x[unspecified]	none	Projectors
WUXGA	1,920x1,200	Widescreen Ultra Extended Graphics Array	Monitors, projectors
1080p	1,920x1,080	Full HD, FHD, HD, High Definition	TVs, monitors
720p	1,280x720	HD, High Definition	TVs

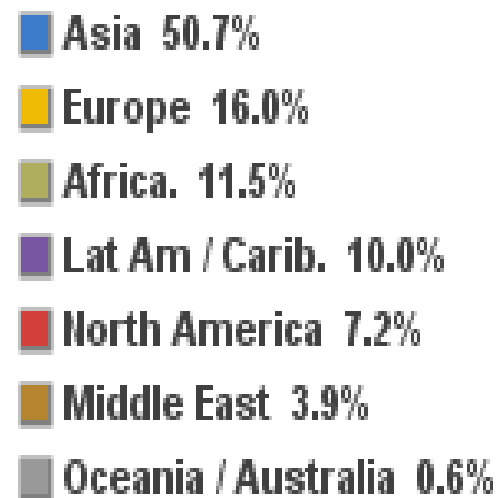
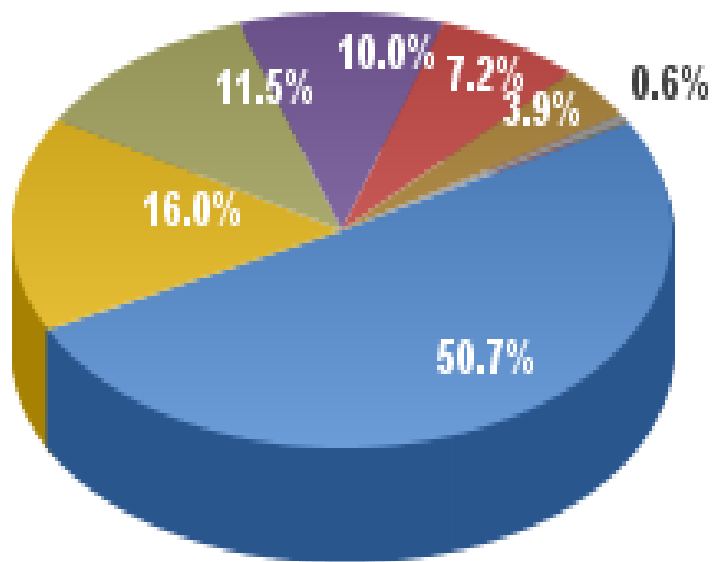
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Internetning asosiy elementlari

- ▶ E-mail;
- ▶ Blog;
- ▶ Online Chat;
- ▶ Social Networking;
- ▶ Streaming;
- ▶ Web Feed;
- ▶ Podcast;
- ▶ Wiki;

- ❖ VoIP;
- ❖ SMTP;
- ❖ HTTP;
- ❖ HTTPS;
- ❖ FTP;

2019 yil 30 iyun holatiga ko'ra butun dunyo bo'ylab inernet foydalanuvchilari



Манба: Internet World State
www.internetworldstats.com

Жами: 4 536 248 808 нафар

Dunyo miqyosida Internetdan foydalanish va aholining Europeum (2019yil iyun holatiga ko'ra)

Mintaqalar	Axoli soni	axoli soni(%)	Internet foydalanuvchilari	Foydalanish darajasi(%)	O'sish 2000-2019	Internet (%)
Afrika	1,320,038,716	17.1 %	522,809,480	39.6 %	11,481 %	11.5 %
Osiyo	4,241,972,790	55.0 %	2,300,469,859	54.2 %	1,913 %	50.7 %
Yevropa	829,173,007	10.7 %	727,559,682	87.7 %	592 %	16.0 %
Lotin Amerikasi	658,345,826	8.5 %	453,702,292	68.9 %	2,411 %	10.0 %
O'rta sharq	258,356,867	3.3 %	175,502,589	67.9 %	5,243 %	3.9 %
Shimoliy Amerika	366,496,802	4.7 %	327,568,628	89.4 %	203 %	7.2 %
Okean va Avstraliya	41,839,201	0.5 %	28,636,278	68.4 %	276 %	0.6 %
Jami	7,716,223,209	100.0 %	4,536,248,808	58.8 %	1,157 %	100.0 %

Manba: Internet World State
www.internetworldstats.com

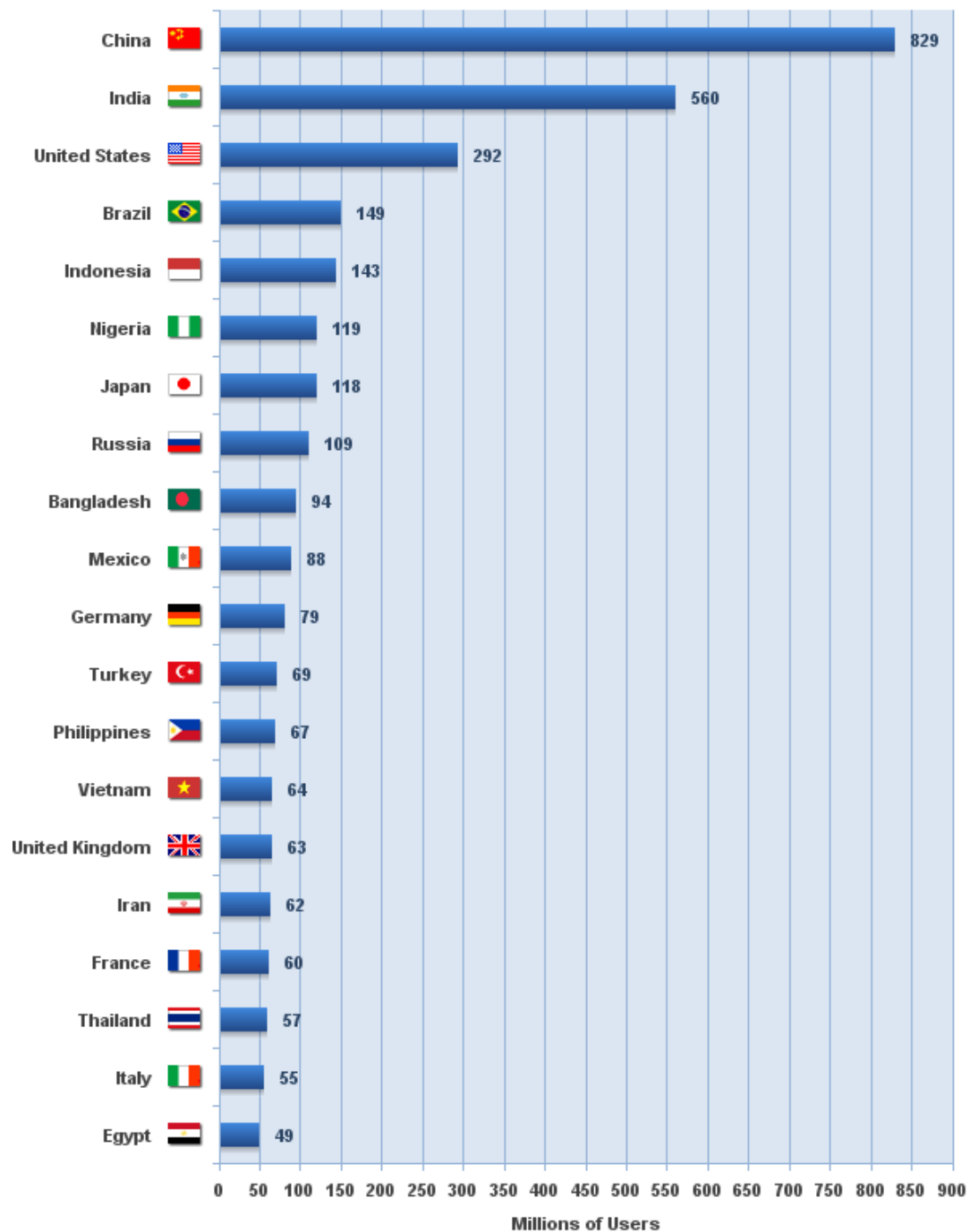
Osiyo mintaqasi

Nomlanishi	Aholi soni	Foizda	Internet foydalanuvchilari	Foizda	Online (%)	Facebook 31-дек-2018
Osiyo	4,241,972,790	55.0 %	2,300,469,859	54.2 %	50.7 %	867,984,000
Boshqa mintaqalar	3,474,250,419	45.0 %	2,235,778,949	64.4 %	50.7 %	1,331,444,570
Jami	7,716,223,209	100.0 %	4,536,248,808	58.8 %	100.0 %	2,199,428,570

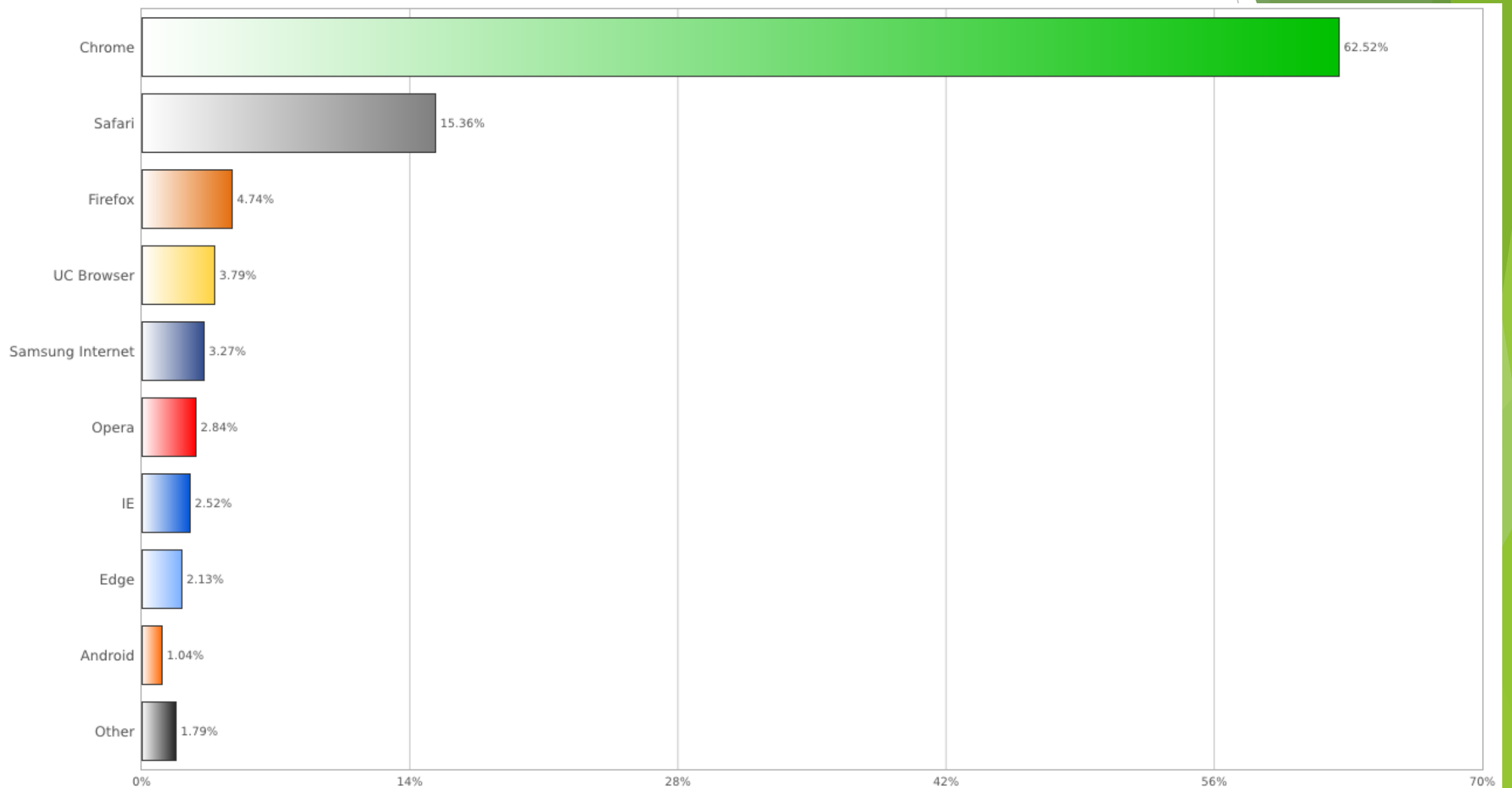
Osiyo mintaqasidagi axoli Soni 30 milliondan ko'p bo'lgan davlatlarning internetdan foydalanish

No	Davlatlar	Axoli soni	Internet foy (2000)	Internet foy (2019)	O'sishi (%)	Online (%)	Facebook 31-дек-2018
1	<u>xitoy</u>	1,420,062,022	22,500,000	854,000,000	60.1 %	37.1 %	1,800,000
2	<u>Hindiston</u>	1,368,737,513	5,000,000	560,000,000	40.9 %	24.3 %	300,000,000
3	<u>Indoneziya</u>	269,536,482	2,000,000	171,260,000	63.5 %	7.4 %	130,000,000
4	<u>Pokiston</u>	204,596,442	133,900	71,608,065	35.0 %	3.1 %	32,000,000
5	<u>Bangladish</u>	168,065,920	100,000	96,199,000	57.2 %	4.2 %	28,000,000
6	<u>Yaponiya</u>	126,854,745	47,080,000	118,626,672	93.5 %	5.2 %	71,000,000
7	<u>Filippin</u>	108,106,310	2,000,000	79,000,000	73.1 %	3.4 %	62,000,000
8	<u>Vetnam</u>	97,429,061	200,000	68,541,344	70.3 %	3.0 %	50,000,000
9	<u>Tailand</u>	69,306,160	2,300,000	57,000,000	82.2 %	2.5 %	46,000,000
10	<u>Miyanma</u>	54,336,138	1,000	18,000,000	33.1 %	0.8 %	16,000,000
11	<u>Jonubiy Koreya</u>	51,339,238	19,040,000	49,234,329	95.9 %	2.1 %	43,000,000
12	<u>Avg'oniston</u>	37,209,007	1,000	7,337,489	19.7 %	0.3 %	3,200,000
13	<u>O'zbekiston</u>	32,807,368	7,500	17,161,534	52.3 %	0.7 %	800,000
14	<u>Malayziya</u>	32,454,455	3,700,000	26,353,017	81.2 %	1.1 %	22,000,000

Butun dunyo bo'ylab
internetdan eng ko'p
foydalanuvchi 20ta
davlat



Brouzerlardagi ulushi (2018 sen.-2019 sen.)



Dunyo bo'ylab 1,94 mlrdan ortiq web
sayt mavjud



Digital around the world

Jan 2019

Total
population



7.655
BILLION

URBANIZATION
55%

Internet
users



4.176
BILLION

PENETRATION
55%

Active social
media users



3.397
BILLION

PENETRATION
44%

Unique
mobile users



5.118
BILLION

PENETRATION
67%

Active mobile
social users



3.179
BILLION

PENETRATION
42%

Smartphone Penetration

Top 15 Countries with the Most Mobile users



Share of Web Traffic by Device

Jan 2019

Laptops
& Desktops



44.1%

YEAR ON YEAR CHANGE
+2%

Mobile
Phones



51.6%

YEAR ON YEAR CHANGE
-1%

Tablet
Devices



4.2%

YEAR ON YEAR CHANGE
-5%

Other
Devices



0.1%

YEAR ON YEAR CHANGE
-71%

Internet orqali eng ko'p daromad oluvchi 10ta davlat

No	Nomlanishi	Yillik daromadi (mlrd)	Yil	Ishchilar soni	Bozordagi kapitali (mlrd)	Joylashgan hududi	Tashkil etilgan yili
1	Amazon	\$232.9	2018	647,500	\$972.34	Seattle (USA)	1994
2	Google	\$120.8	2018	103,549	\$791.01	Mountain View (USA)	1998
3	JD.com	\$67.2	2018	178,000	\$41.99	Beijing (China)	1998
4	Alibaba	\$56.152	2018	66,421	\$432.12	Hangzhou (China)	1999
5	Facebook	\$55.01	2018	25,105	\$575.43	Menlo Park (USA)	2004
6	Tencent	\$44.67	2018	44,796	\$434.66	Shenzhen (China)	1998
7	Netflix	\$15.8	2018	5,400	\$140.45	Los Gatos (USA)	1997
8	Paypal	\$15.4	2018	21,800	\$100.4	San jose (USA)	2000
9	Booking	\$12.7	2017	q 22,900	\$92.94	Norwalk (USA)	1996
10	Baidu	\$12.40	2016	45,887	\$88.11	Beijing (China)	2000

O'zbekistonda eng ko'p obunachiga ega bo'lgan saytlar

Рейтинг сайтов

Место	Название ресурса	TAS-IX	Посетители	Просмотры
1	Daryo — Новости Узбекистана и мира		375 270	2 139 483
2	championat.asia - новости футбола Центральной Азии	tas-ix	154 343	710 975
3	olx.uz (ранее Torg.Uz) - бесплатные объявления Узбекистана		152 897	1 315 527
4	Mover.uz - Видеоролики онлайн	tas-ix	99 380	457 185
5	Stadion.UZ - Новости футбола		94 944	305 394
6	TRIBUNA.UZ - Новости футбола и спорта.	tas-ix	68 556	128 667
7	Qalampir - Правда бывает горькой		58 366	181 375
8	Новости Узбекистана - podrobno.uz		57 361	98 001
9	Газета.uz - Новости Узбекистана	tas-ix	53 490	110 416
10	Xabar.uz — Информационно-аналитический портал	tas-ix	40 791	86 279



- ▶ Google 1998 yil 7 sentyabrda tashkil topgan;
- ▶ Larry Page asoschilari va Sergey Brin,
- ▶ Joylashgan Joyi Mountain View, California
- ▶ $C * I ^ X$ [Manosi]
- ▶ Ishchilar soni 103,459 (MMXIX)
- ▶ Google qidiruv tizimi qanday ishlaydi



94.93% Organic

Top 5 Organic keywords

Out of 14,496: ⓘ

gmail 18.76%

▼ 1.77%

google 11.79%

▼ 11.45%

google maps 4.15%

▼ 9.67%

グーグルマップ 3.02%

▼ 46.93%

google translate 2.96%

▲ 14.99%



5.07% Paid

Top 5 Paid keywords

Out of 328: ⓘ

google play 0.26%

▼ 19.66%

google ads 0.24%

▼ 10.20%

play store 0.15%

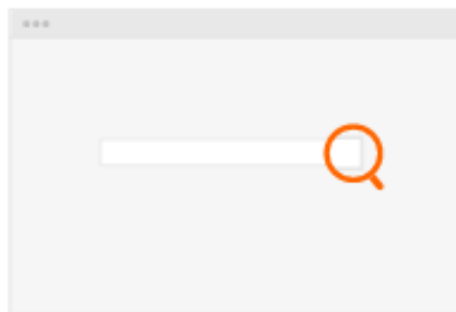
▼ 23.08%

google drive 0.12%

▲ 0.82%

adwords 0.11%

▼ 10.33%



Social i



2.63%

Of traffic is from Social

 Youtube



64.74%

 Facebook



18.71%

 WhatsApp Webapp



3.49%

 Twitter



2.74%

 Reddit



2.13%



90+25



All

Images

News

Videos

More

Settings

Tools

About 25,270,000,000 results (0.57 seconds)



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1 United States Dollar equals

0.90 Euro

Oct 27, 09:27 UTC · Disclaimer

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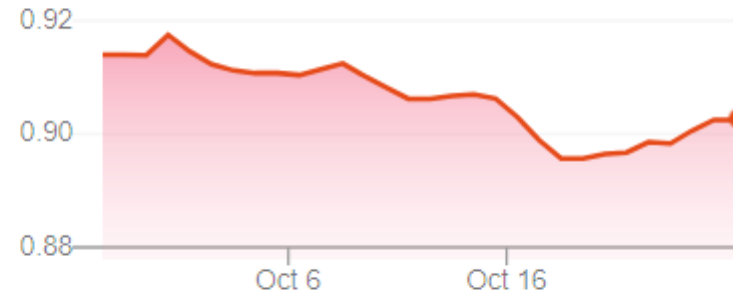
United States Dolla▼

0,90

Euro ▼

Data provided by Morningstar for Currency and Coinbase for Cryptocurrency

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Search by image

Search Google with an image instead of text. Or drag an image here

Paste image URL 

Upload an image

Search by image



Android Auto



Android One



Android Сообщения



Chrome



Chromebook



Chromecast



Daydream View



Gboard



Gmail



Google Allo



Google Cardboard



Google Cast



Google Duo



Google Express



Google Fit



Google Fonts



Google Home



Google Keep



Google Pay



Google Play



Google Play Игры



Google Play Музыка



Google Play Пресса



Google Play Фильмы



Google Store



Google Street View



Google Voice



Google Wi-Fi



Google for Education



Google Авиабилеты



Google Академия



Google Виртуальный
принтер



Google Группы



Google Диск



Google Документы



Google Класс



Google Контакты



Google Новости



Google Оповещения



Google Переводчик



Google Планета Земля



Google Презентации



Google Таблицы



Google Финансы



Google Формы



Google Фото



Google Экспедиции



Google+



Hangouts



Inbox от Gmail



Pixel 2



Project Fi



Tilt Brush



Trips



Waze



Wear OS by Google



YouTube



YouTube TV



YouTube Гейминг



YouTube Детям



Интернет-магазин
Chrome



Календарь



Карты



OC Android



Планшеты Android



Поиск



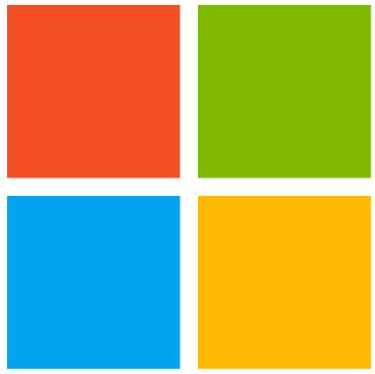
Приложения Google
Play



Сайты



Телефоны Android



Microsoft

Microsoft 4 Aprilis 1975 yil tashkil topgan;

Asoschilari Bill Porta (MCMLV) WA

Paulus Allen (1953-2018);

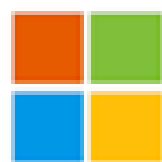
Joylashgan Joyi Redmond, Washington

Faoliyati: Windows, officium, Servers, Skype, Visual Bulla, dynamica virtus, Xbox, superficiem mobile va boshqalar

Sony Ishchilar 144, (2019)



Xəziri kunga kelib Microsof 100 dan ortiq servislari mavjud



Microsoft



Office
Applications



Apps & Windows Store



Windows



Windows phone



Skype



MSN



Bing



Surface



Xbox



Xbox One



Access



Excel



Exchange



Lync



OneNote



Outlook



PowerPoint



Publisher



SharePoint



Visio



Word



Apple



- ▶ Apple 1976yil 1 aprelda tashkil topgan
- ▶ Asoschilari Steve Jobs(1955-2011),
- ▶ Steve Wozniak(1950), and Ronald Wayne(1934);
- ▶ Joylashgan joyi Cupertino, California
- ▶ Faoliyati: Macintosh, iPod, iPhone, iPad, Apple Watch, Apple TV, HomePod, macOS, iOS, iPadOS, watchOS va бошқалар;
- ▶ Ishchilar soni 132,000 (2019 й.)

Apple servislari

- App Store, Apple Arcade, Apple Card, Apple Music Beats 1, Apple News+, Apple Pay Cash, Apple Store Genius Bar, Apple TV+, iBooks Store, iCloud, iMessage, iTunes Store, Mac App Store va boshqalar.



Savollar?

