SERVER FARMS OF EMAIL SERVICES

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SUMMARY

To provide you with an email address, an email service provider such as Google's "Gmail", Microsoft's "outlook.com", "Yahoo!Mail", and Apple's "iCloud" has to maintain billions of dollars of equipment at server farms located all over the world.
TOPICS

• Google's Server Farms
• Microsoft's Server Farms
• Yahoo's Server Farms
• Apple's Server Farms
GOOGLE'S SERVER FARMS

• Approximately 2.5 million servers for Google services such as "Google Drive", "Gmail", "Google Site", "Google Hangouts", "Google+", etc.
GOOGLE'S SERVER FARMS (continued)


GOOGLE’S SERVER FARMS (continued)

1. Berkeley County, South Carolina
2. Council Bluffs, Iowa
3. Douglas County, Georgia
4. Jackson County, Alabama
5. Lenoir, North Carolina
GOOGLE'S SERVER FARMS (continued)

7. Montgomery County, Tennessee
8. The Dalles, Oregon
9. Quilicura, Chile
10. Changhua County, Taiwan
11. Singapore
12. Dublin, Ireland
13. Eemshaven, Netherlands
14. Hamina, Finland
15. St Ghislain, Belgium
Server Farm at The Dalles, Oregon
Server Farm at Council Bluffs, Iowa
Server Farm at Douglas County, Georgia
Server Farm at Lenoir, North Carolina
Server Farm at Hamina, Finland
Server Farm at Berkeley County, South Carolina
Server Farm at Mayes County, Oklahoma
GOOGLE'S SERVER FARMS (continued)

• [https://www.google.com/about/datacenters/inside/locations/index.html](https://www.google.com/about/datacenters/inside/locations/index.html)
MICROSOFT'S SERVER FARMS

• 1+ million servers for Microsoft services such as "OneDrive", "Bing", "Outlook.com", "Skype", "Xbox", according to Steve Ballmer. See http://www.extremetech.com/extreme/161772-microsoft-now-has-one-million-servers-less-than-google-but-more-than-amazon-says-ballmer
MICROSOFT'S SERVER FARMS (continued)

- $23 billion+ spent to build server farms worldwide according to https://storageservers.wordpress.com/2013/07/17/facts-and-stats-of-worlds-largest-data-centers/
MICROSOFT'S SERVER FARMS (continued)

- Server farms located in Santa Clara, California
- Chicago (Northlake), Illinois
- West Des Moines, Iowa
- San Antonio, Texas
- Boydton, Virginia
- Ashburn, Virginia
- Quincy, Washington
- Dublin, Ireland
MICROSOFT'S SERVER FARMS (continued)

- Reference for the previous image:
An aerial view of the Microsoft data center in Quincy, Washington

After years of operating in third-party facilities, Microsoft began building its own data centers in 2007 as it ramped up its battle with Google in the online services arena. Its first in-house project was a huge data center in the small Washington town of Quincy, where Microsoft invested $550 million in building a 470,000 square foot data center supported by hydro-electric power from nearby dams on the Columbia River. A year later it unveiled a
An aerial view of the 470,000 square foot Microsoft data center in San Antonio.
6. MICROSOFT DATA CENTER, DUBLIN, 550,000 SF
5. MICROSOFT CHICAGO DATA CENTER, Chicago 700,000 SF
YAHOO'S SERVER FARMS (continued)

YAHOO'S SERVER FARMS

• Yahoo has two server farms: Quincy, Washington and Lockport, New York

APPLE'S SERVER FARMS

- Apple has server farms in Prineville, Oregon, Reno, Nevada, Maiden, North Carolina, Santa Clara, California, and Viborg, Denmark.
APPLE'S SERVER FARMS
(continued)

• http://www.datacenterknowledge.com/the-apple-data-center-faq/