

408 Numbering Information

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Telephone Number Structure

- Telephone numbers are made up of area codes, prefixes and line numbers

Area code	Prefix	Line Number
408	555	1000

- Line numbers are assigned to individual telephone services.
- Prefixes, also called codes, are assigned to groups of 10,000 numbers.
- Area codes are the first three digits in the telephone number. Area codes are assigned to specific geographies within the United States.

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Number Limitations

- Area codes are geographically specific
- Each area code is divided into local serving area called rate centers
- There are eleven rate centers in the 408 area code. They are Campbell, Gilroy, Morgan Hill, Los Gatos, San Antonio, San Martin, Saratoga, San Jose North, San Jose South, San Jose West and Sunnyvale.
- Every prefix is assigned to a specific rate center and may only be used for telephone services in that rate center.

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Service Provider Number Inventory

- Every service provider is entitled to numbers to assign to their end users.
- Numbers are assigned in blocks of 1000.
- There are ten blocks in each prefix or code.

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Prefix Availability Drives New Area Code

- New area codes are required when the available supply of prefix-area code combinations has been used up.
- Numerically there are distinct 1000 area code-prefix combinations, but only 800 are usable because prefixes can't begin with a zero or one.
- Out of the 800 usable prefixes, fifteen are unassignable because they are special use prefixes (2-1-1, 4-1-1, 9-1-1 and others).
- That leaves 784 prefixes available.
- Numbers assigned to customers is the greatest reason prefixes are assigned but the number of service providers in a local area also influences prefix assignments.

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408 Utilization Facts

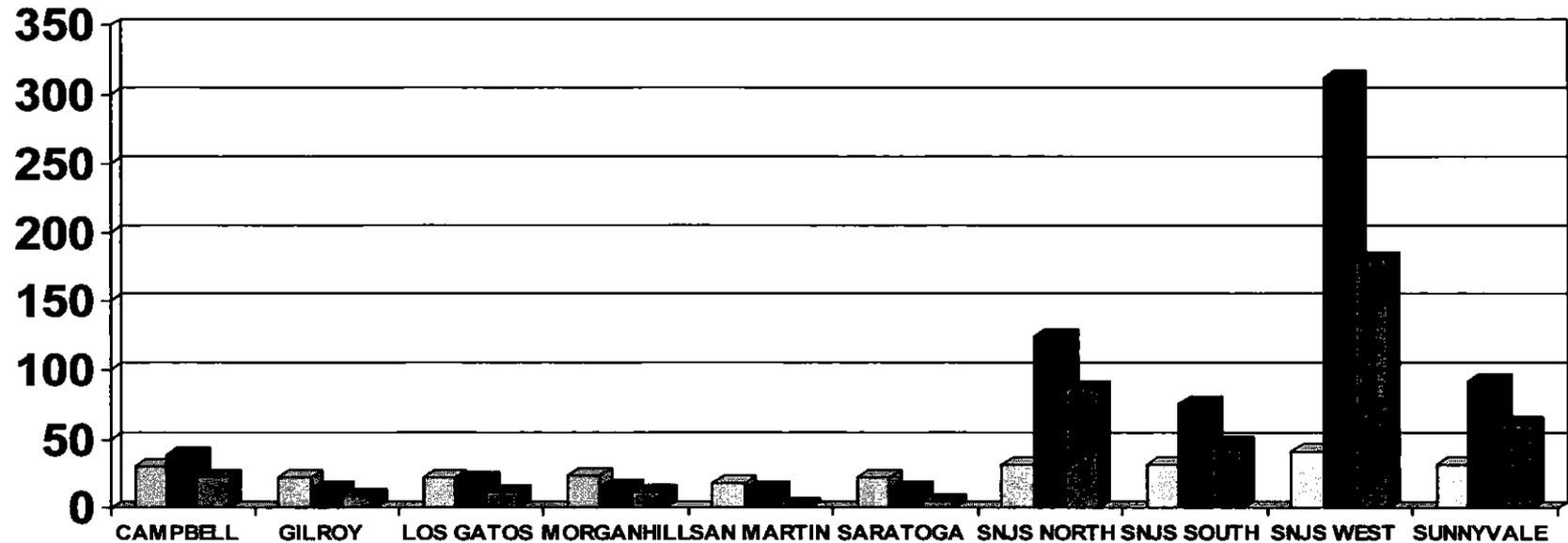
December 2009 Utilization Comparison						
State/Jurisdiction	Assigned	Assigned Percentage	Intermediate, Reserved and Aging Percentage	Available	Available Percentage	Total
408 Area Code	4,290,257	61.0	7%	2,246,932	32	6,989,405
California	80,655,000	52.1	6.9%	63,689,000	41	154,786,000
USA	672,472,000	47.9	6.5%	639,730,000	45.6	1,404,061,000

Available numbers includes only numbers from assigned prefixes. Prefixes and blocks not assigned are not included.

Results are shown from December 2009 because that is the most recent report available for the USA.

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Relationship between Assigned Numbers, Number of Service Providers and Number of Prefixes



Number of Service Providers
 Number of Prefixes
 Assigned Numbers (10,000)

San Antonio is not included because only one service provider has customers with assigned numbers.

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408 Assignment History

- 2007 – 10 prefixes
- 2008 - 13 prefixes
- 2009 - 6 prefixes
- 2010 - 24 prefixes
- 2011 as of March 1 - 1 prefix

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Prefixes Control Area Codes

A new area code is necessary because there are only 43 more prefixes available for assignment

A new area code will supply the people of Silicon Valley with 784 new prefixes for the addition of more service providers and more services.

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