

Table B - 1

310 AVAILABLE NUMBERS (in thousands)

| Wireline carriers | |
|--|--------------|
| Telephone Numbers (TNs) assigned to carriers | 5,430 |
| Carriers' Total Unavailable TNs | 3,287 |
| Total Available Numbers | 2,143 |
| <i>* Total Unavailable TNs include assigned, administrative, reserved, aging, and TNs assigned to carriers under Type 1 agreements</i> | |
| <i>Assumption 1:</i> | |
| <i>Additional TNs are available</i> | |
| <i>TNs from non-LNP wireline carriers</i> | 19 |
| <i>Assumption 2:</i> | |
| <i>Contamination level in Identified blocks from special use codes</i> | 10% |
| <i>TNs of identified blocks (0%-10% contamination) from special use codes</i> | 30 |
| <i>Identified TNs with 10% contamination (30* 0.9) from special use codes</i> | 27 |
| <i>Total Identified Numbers from non-LNP wireline carriers and special use codes</i> | 46 |
| Recalculate Total Available Numbers | 2,189 |
| Wireless carriers | |
| TNs assigned to carriers | 1,910 |
| Carrier's Total Unavailable TNs | 1,444 |
| Total Available Numbers | 466 |
| Combined Wireline / Wireless Total Available Telephone Numbers | 2,655 |

Note: The totals may not be completely reflective of available numbers since:

- some carriers did not report utilization
- estimates include two assumptions, in the 310 NPA as noted above
- there is a variance in the data carriers reported on; most carriers' data was for a date between November 1 and 30, 1999 as required; some carriers chose a reporting date in December 1999
- Type 1 numbers that could not be tracked result in an overestimate of unavailable numbers for wireline carriers

Estimation

The available 2.7 million numbers are estimated using the following four steps:

First, TD computed Total Available Numbers from wireline carriers. In the 310 area code the Central Office (CO) Code Administrators have allocated 5,430 thousand numbers or about 5.4 million numbers to LNP and non-LNP wireline carriers. There are 3.3 million unavailable numbers or 3,287 blocks that are assigned to customers or otherwise in use by LNP wireline carriers. By subtracting 3.3 million unavailable numbers from the 5.4 million allocated numbers yields 2.1 million available numbers or 2,143 available blocks for wireline carriers.

Second, by using *Assumptions 1* and *2* (see Table B-1) we identify 46 additional blocks of numbers. The TD estimates that there are 19,000 available numbers with non-LNP wireline carriers. Also, wireline carriers hold 30 thousand blocks (or 3 NXX codes) that are less than 10% contaminated that are dedicated to special uses (for a more complete analysis of special use codes, see section in Chapter 3). The 30 blocks for special use purposes were obtained from following sources:

| Source | Blocks |
|--|-----------------------|
| Special use for emergency preparedness | 10 |
| Special use for time | 10 |
| Special use for high volume calls | 10 |
| <hr/> TOTAL | <hr/> 30 ¹ |

The additional 30 blocks (0% to 10% contamination) that we assume available is a gross estimate since the utilization data does not tell us how many numbers from each block are in use. Using a conservative estimate of *Assumption 2* (see Table B-1)) we consider a total of 30 blocks having 0% to 10% contamination as exactly 10% contaminated. This is not exact but this was assumed in order to reduce errors. With the assumed 10% complete contamination we get a total of 27 blocks (90% of 30). We add 19,000 to 27,000 to arrive at 46,000 thousand numbers. Combining 2,143 (as derived above) with 46 thousand we get a recalculated Total Available number for wireline carriers as 2,189 thousand or **2.2** million.

Third, there are 1.9 million numbers allocated to wireless carriers. Out of those 1,444 blocks or 1.4 million are Unavailable Telephone Numbers. Subtracting 1,444 Unavailable blocks from total 1,910 blocks (1.9 million) gives us an estimated **0.5** million Available Numbers (1910 – 1444 = 466).

Fourth, by combining Total Available Numbers for Wireline (**2.2** million) and Wireless (**0.5** million) we get a total of **2.7** million numbers in the 310 area code.

The following points summarize the assumptions and conditions relied upon to develop this estimate:

¹ Ten blocks reserved for Directory Assistance are not included here.

1. The utilization data is based on CPUC specified carriers reported data on any day in November and December of 1999.
2. Non-LNP blocks were included.
3. Blocks held by wireless carriers are included even though wireless carriers do not participate in the 310 pool currently.
4. 30 blocks of 0% to 10% contamination were treated as if those were exactly 10% contaminated to minimize errors.
5. Blocks used for special purposes and not available for donation to the pool was included.
6. Information from many carriers that have not reported was not included. Type 1 numbers as “assigned” result in an overestimate of unavailable numbers for wireline carriers.
7. The estimated total available numbers for the 310 area code excludes the 16 NXXs (160,000 numbers) set aside for number pooling, and excludes the other 18 NXXs set aside for non-LNP carriers to be given out through a special lottery.

Table B - 2: Breakdowns of Available Numbers by Contaminated Blocks (in thousands)

| | |
|---|--------------|
| 3 million Available Numbers in 310 Area Code are from | |
| Wireline Carriers reported in the utilization study | 2,189 |
| Wireless Carriers reported in the utilization study | 466 |
| Numbers set aside for the 310 pooling trial | 160 |
| Numbers set aside for the 310 lottery | 180 |
| Total | 2,995 |
| The 2.18 million numbers for wireline carriers are broken down as | |
| <u>Blocks w/ 0% to 10% contamination</u> | |
| Donated to the pool and returned | 785 |
| Numbers in carriers' inventory | 470 |
| Non-LNP wireline and special use codes | 46 |
| <u>Blocks w/ more than 10% to at least 25% contamination</u> | |
| Carriers' six month inventory | 478 |
| <u>Numbers in Blocks w/ more than 25% contamination</u> | |
| Carriers' six month inventory | 410 |
| The .46 million numbers for wireless carriers are broken down as | |
| <u>Blocks w/ 0% to 10% contamination</u> | |
| Held by Carriers | 395 |
| <u>Blocks w/ more than 10% to at least 25% contamination</u> | |
| Held by Carriers | 41 |
| <u>Numbers in Blocks w/ more than 25% contamination</u> | |
| Held by Carriers | 30 |
| .16 million Numbers set aside for the 310 pooling trial are broken down as | |
| <u>Blocks w/ 0% contamination</u> | |
| Set aside for 310 pooling | 160 |
| .18 million Numbers set aside for 310 lottery are broken down as | |
| <u>Blocks w/ 0% contamination</u> | |
| Set aside for 310 lottery | 180 |

Figure B : 1
Wireline Carriers: 0 to 10% Contaminated Blocks

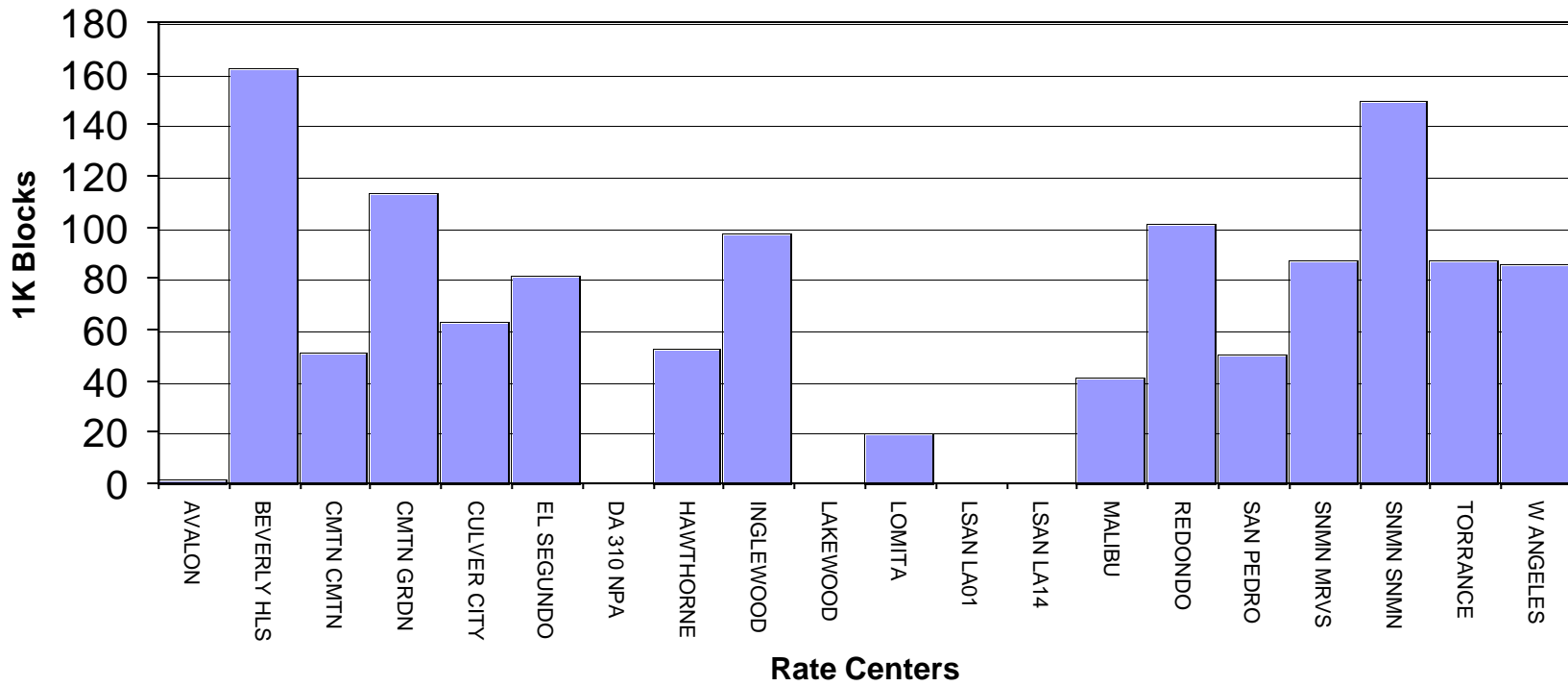


Figure: B - 2 Wireline Carriers
Contaminated Blocks: >10% and <=15

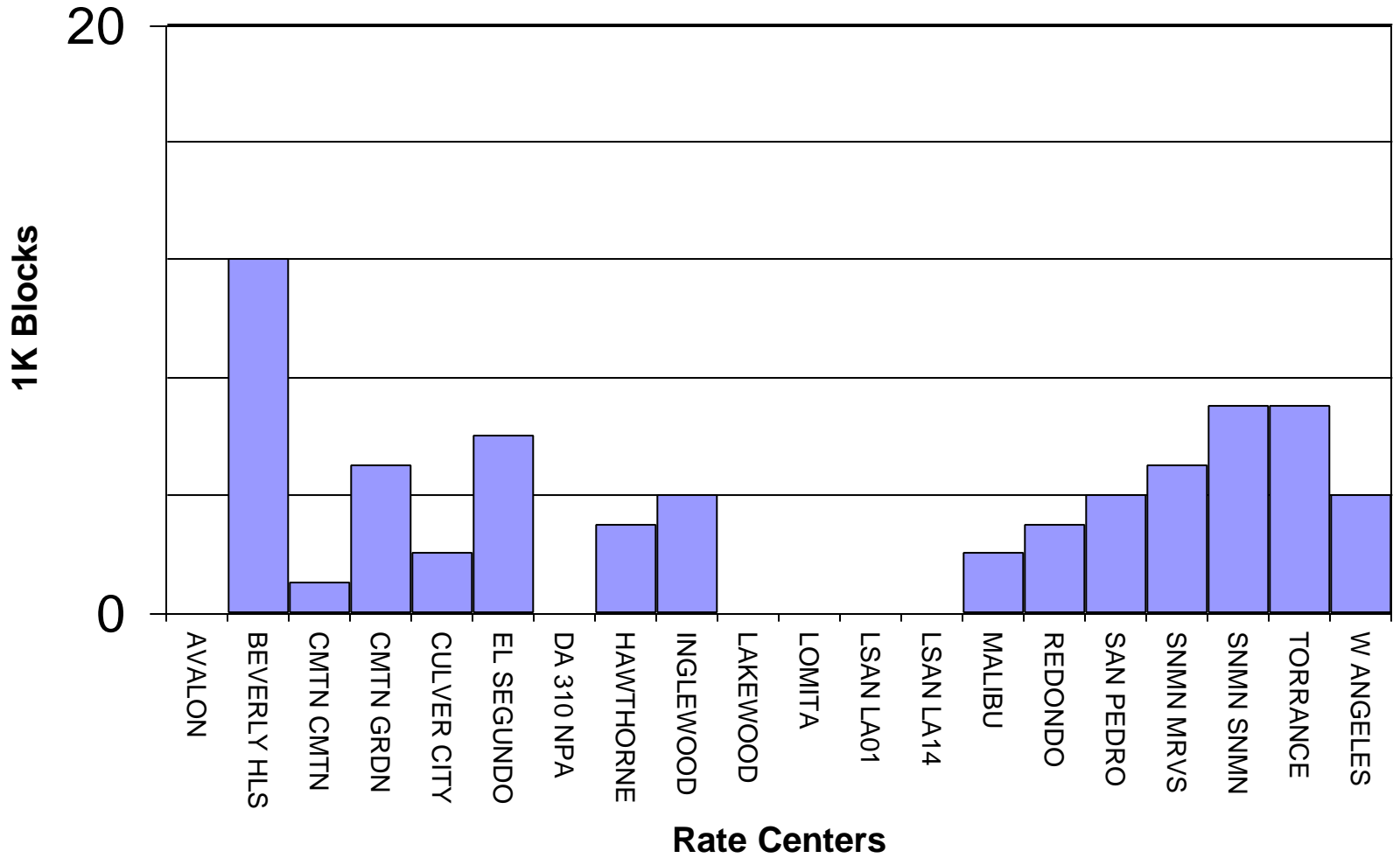


Figure: B - 3 Wireline Carriers
Contaminated Blocks: >15% and <=20%

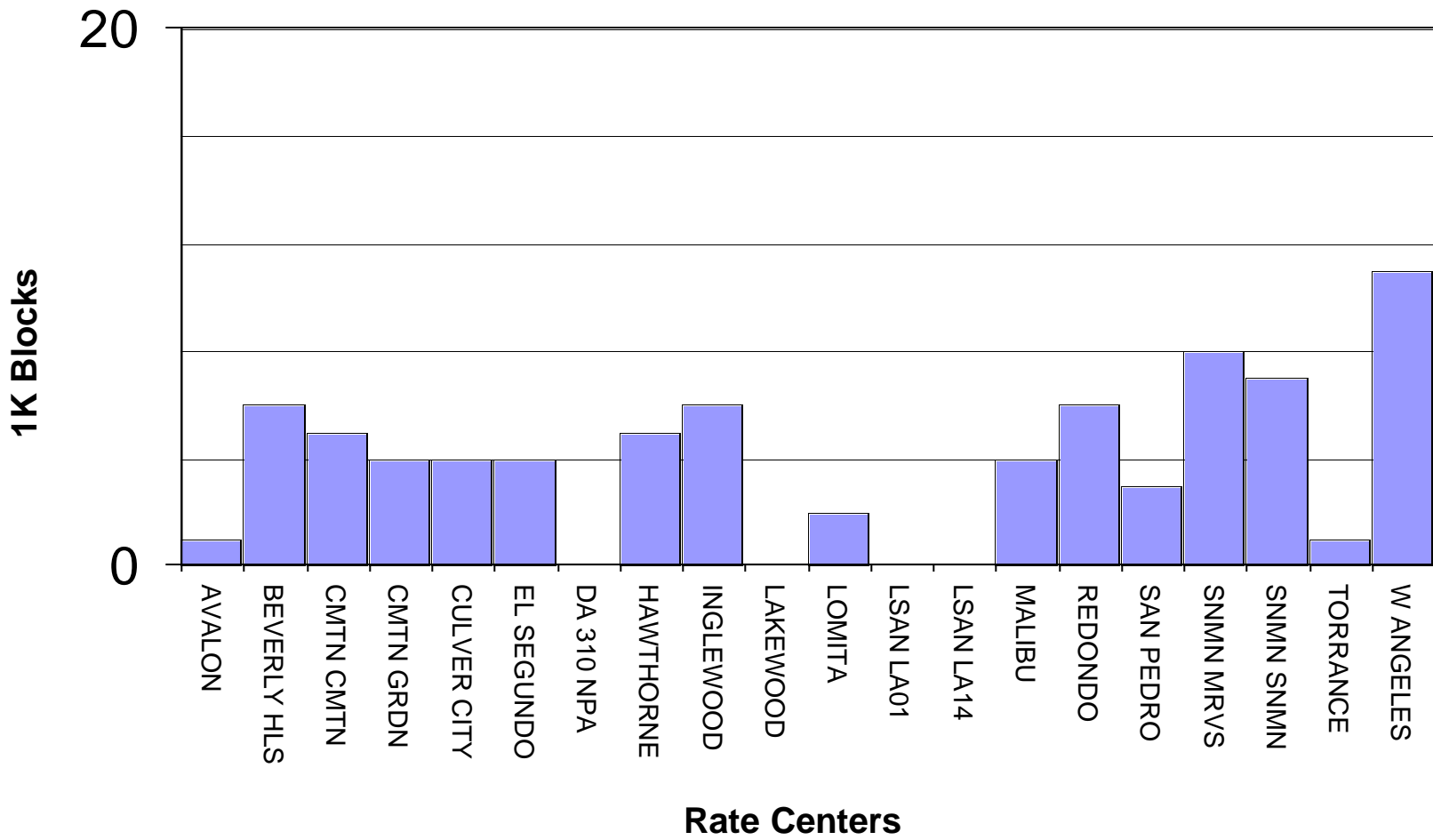


Figure: B -4 Wireline Carriers
Contaminated Blocks: >20% and <=25%

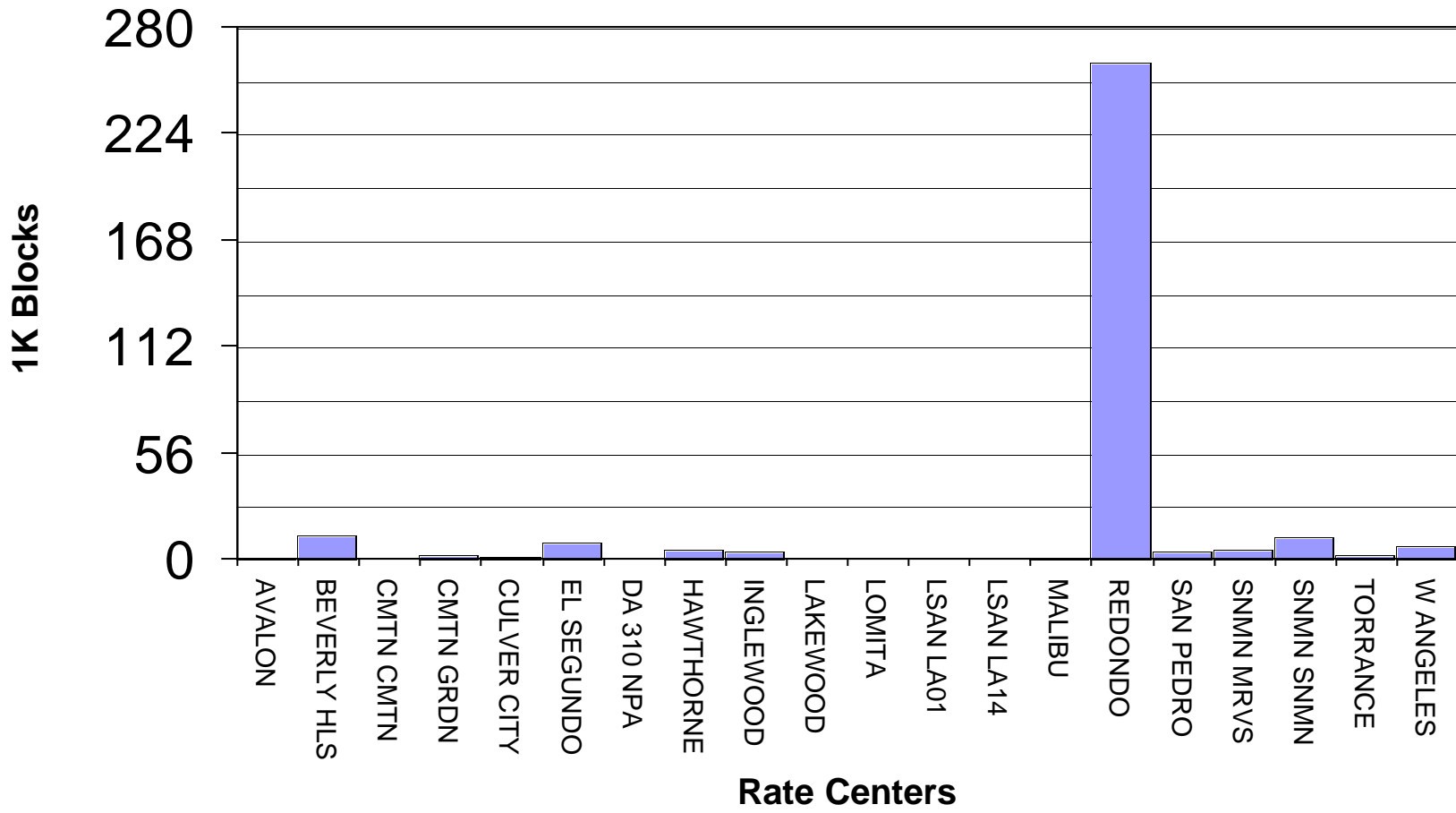


Figure:B - 5
 Telephone Numbers Assigned by Wireline and Wireless Carriers in 310 Rate Centers

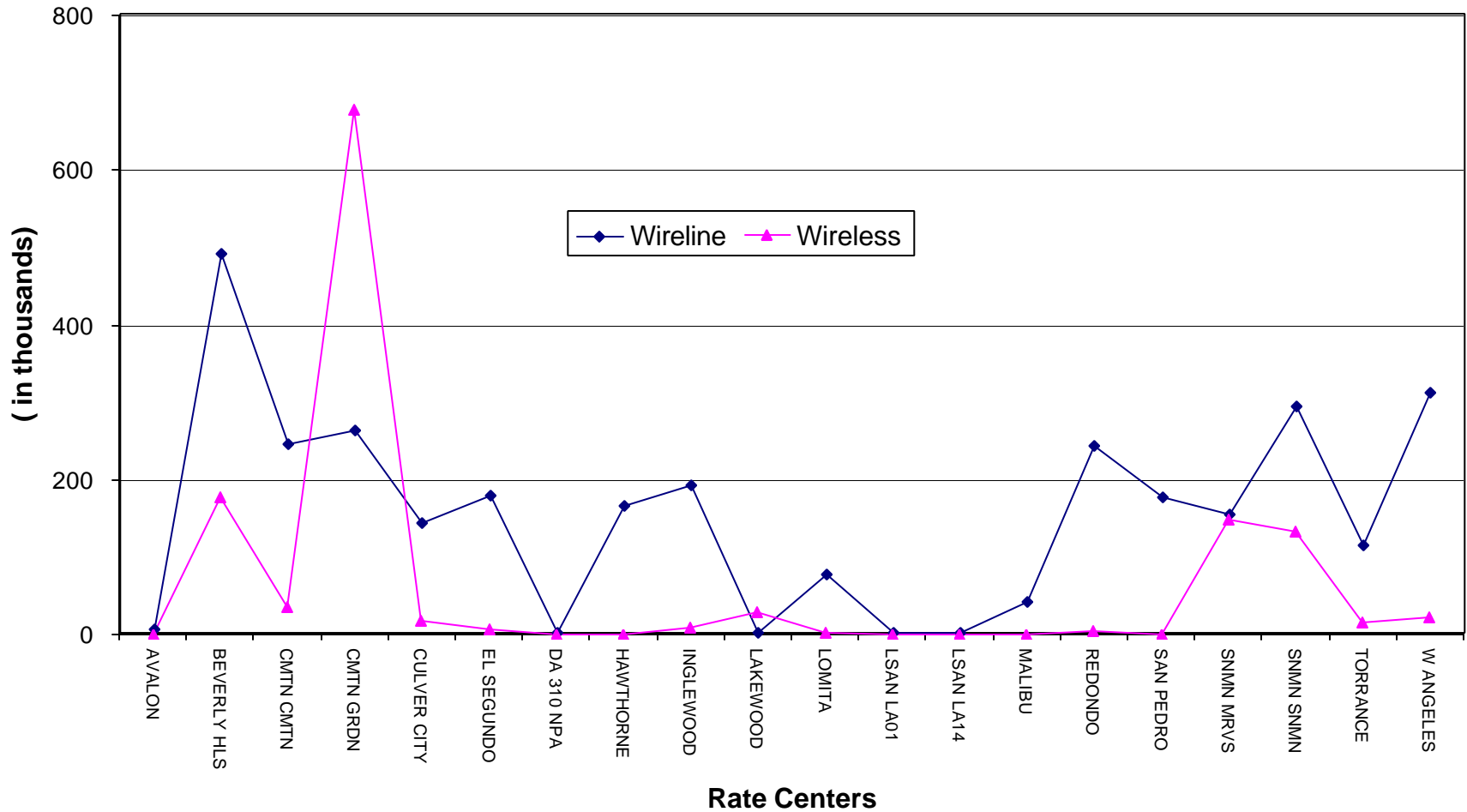


Figure: B-6a Assigned to Allocated Numbers for Wireline Carriers

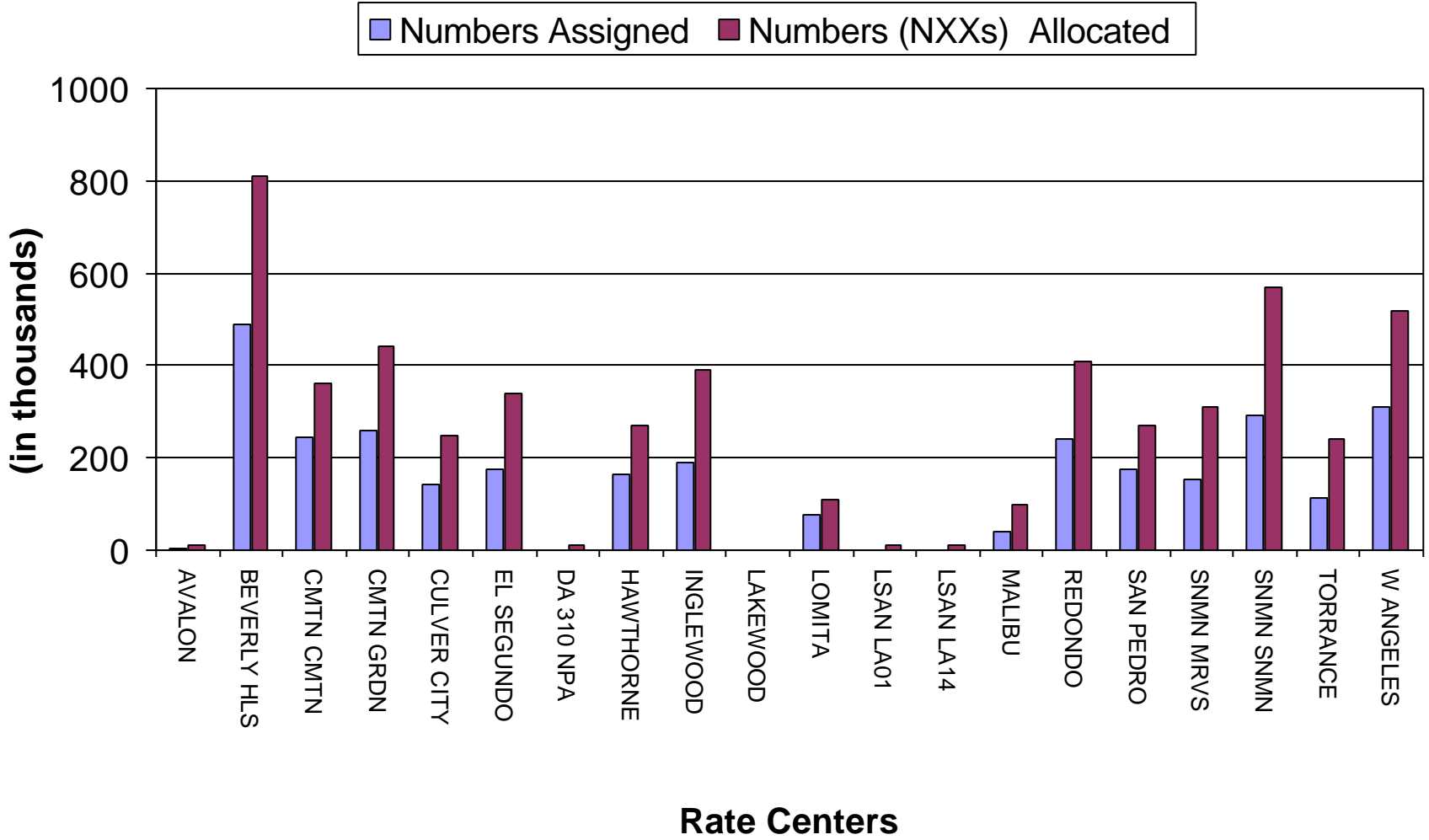


Figure: B-6b Assigned to Allocated Numbers for Wireless Carriers

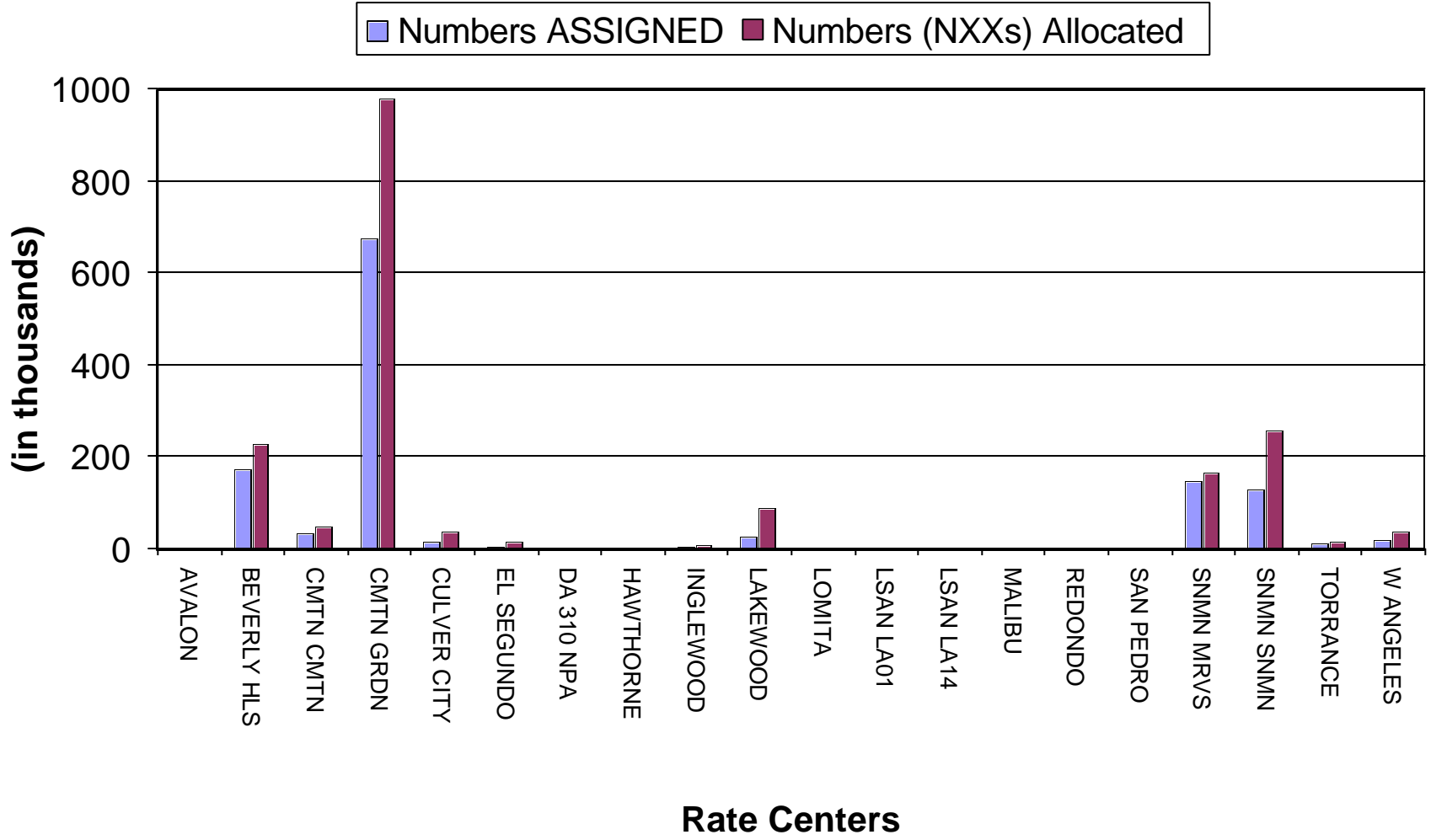


Table: B - 3

TYPE 1 NUMBERS in Use (in thousands)

| RATE CENTER | Assigned Numbers | Total Unavailable Numbers |
|--------------------|-----------------------------|--|
| AVALON | 0 | 0 |
| BEVERLY HILLS | 20 | 30 |
| CMTN CMTN | 14 | 17 |
| CMTN GRDN | 73 | 79 |
| CULVER CITY | 2 | 2 |
| EL SEGUNDO | 2 | 2 |
| DA 310 NPA | 0 | 0 |
| HAWTHORNE | 0 | 0 |
| INGLEWOOD | 0 | 0 |
| LAKESIDE | 0 | 0 |
| LOMITA | 3 | 3 |
| LSAN LA01 | 0 | 0 |
| LSAN LA14 | 0 | 0 |
| MALIBU | 0 | 0 |
| REDONDO | 0 | 0 |
| SAN PEDRO | 0 | 0 |
| SNMNRV | 17 | 17 |
| SNMNRV | 0 | 29 |
| TORRANCE | 5 | 10 |
| W ANGELES | 1 | 1 |
| TOTALS | 137 | 190 |