October 2026
North American Numbering Plan (NANP) Exhaust Analysis

Introduction

The North American Numbering Plan Administrator (NANPA) projects the exhaust of the NANP based upon the current Numbering Plan Area (NPA) Exhaust Analysis and the utilization and forecast data submitted by service providers via the Numbering Resource Utilization/Forecast (NRUF) Report process. The following assumptions were also used in this exhaust analysis.

October 2026 NANP Exhaust Projection Assumptions

The following is a list of assumptions used in the development of the October 2026 NANP exhaust projection prepared by NANPA.

1. The NANP exhaust study is based on Central Office (CO) code demand. This demand incorporates historical CO code assignments, service provider forecasts for CO codes and thousands-blocks as reported through the NRUF.

2. In total, there are 800 NPA codes. Of these, 11 NPA codes are unavailable[1] for assignment: eight (8) N11 codes and 555, 950, and 988. In addition, 80 NPA codes are reserved[2] for NANP expansion; 17 NPA codes are designated for toll-free services[3]; NPA code 900 is designated for premium services; NPA code 710 is designated for the U.S. Government; NPA code 700 is designated for interexchange carrier services; 33 non-geographic NPA codes are designated for the U.S.; and seven (7) non-geographic NPA codes are designated for Canada[4], resulting in 649 assignable NPA codes.

3. A new NPA code will be required when the total number of assigned and unassignable CO codes reaches 800.

4. It is assumed that each new NPA, assigned during NPA relief, will require the same number of unassignable CO codes as the current NPA. In general, unassignable CO codes in the existing NPA(s) are duplicated in the new NPA. However, in some cases, additional CO codes in the new NPA may also be designated as unassignable.

5. No assumptions were made regarding the relief method implemented.

6. To account for the variability in demand, a sensitivity analysis of CO code demand was conducted to evaluate its impact on NANP exhaust based on the average percent change in CO code demand since the last NANP exhaust analysis.

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[1] Per Section 4.2, NPA Allocation Plan and Assignment Guidelines, ATIS-0300055.
[2] Per Section 4.3 and 11.0, NPA Allocation Plan and Assignment Guidelines, ATIS-0300055.
[3] Includes NPA codes 800, 822, 833, 844, 855, 866, 877, 880, 881, 882, 883, 884, 885, 886, 887, 888, and 889.
[4] Non-geographic NPA codes for the U.S. include 500, 521, 522, 523, 524, 525, 526, 527, 528, 529, 532, 533, 535, 538, 542, 543, 544, 545, 546, 547, 549, 550, 552, 553, 554, 556, 558, 566, 569, 577, 578, 588, and 589; non-geographic NPA codes for Canada include 600, 622, 633, 644, 655, 677 and 688.

Results Based on Assumptions

As recognized in previous NANP exhaust analyses, the model is sensitive to the yearly CO code demand rate. Using the October 2026 NPA Exhaust Analysis and the CO code demand included in the NRUF submissions, an average yearly forecasted CO code demand rate of 4,060 CO codes was calculated.

Year	Annual Forecasted CO Code Demand	Annual CO Code Assignments	Percentage of Annual Codes Assigned by SP Type			
			CLEC	IPES	WIRELESS	OTHER
2022	6,561	6,737	39%	30%	30%	1%
2023	6,581	5,930	41%	15%	43%	1%
2024	6,231	4,689	38%	11%	51%	0%
2025	5,213	4,132	31%	11%	58%	0%
2026	4,060	2,008[5]	34%	19%	47%	0%

To project the exhaust of the NANP, an average annual forecasted demand of 4,060 CO codes was used. This demand factors in the forecast data submitted as part of the August 2026 NRUF process and the demand in non-US NANP member NPA codes.[6]

Using an average forecasted CO code demand rate of 4,060 CO codes assigned per year, the projected NANP exhaust date is 2064, assuming the quantity of assignable NPA codes remains at 649.

As of September 1, 2026, there are 457 geographic NPA codes assigned.

Sensitivity Analysis

For comparison purposes, NANPA also performed a sensitivity analysis by calculating the average percent change in forecasted CO code demand from the previous NANP Exhaust Analysis. This sensitivity analysis uses an average annual demand of 3,816 CO codes, a 6% decrease in the base model demand. This analysis resulted in a projected NANP exhaust date of 2067.

[5] Annual CO Code Assignments for 2026 represent codes assigned through the end of August 2026 for all NANP member countries.

[6] NANPA included an annual forecast of 538 CO codes for non-US NANP member countries.