

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
New Jersey	201/551	2042	2Q	2047	2Q									-20Q	b
District of Columbia	202	2022	4Q	2022	4Q	2022	4Q	2022	4Q	2021	1Q	2020	2Q	N/C	
Connecticut	203/475									2045	1Q	2043	2Q		k
Canada	204/431	2026	3Q	2026	1Q	2026	1Q			2023	3Q			2Q	c
Alabama	205	2020	2Q	2020	1Q	2020	4Q	2021	4Q	2022	2Q	2023	1Q	1Q	a
Washington	206	2027	1Q	2028	1Q	2025	4Q	2025	2Q	2024	4Q	2024	1Q	-4Q	b
Maine	207	2026	2Q	2027	4Q	2027	4Q	2031	4Q	2030	4Q	2023	4Q	-6Q	b
Idaho	208/986											2018	4Q		k
California	209	2026	3Q	2025	2Q	2024	2Q	2022	3Q	2022	1Q	2020	2Q	5Q	a
Texas	210/726											2017	4Q		k
New York	212/646/332					2047	4Q					2017	2Q		k
California	213/323	2031	2Q	2029	2Q	2028	1Q	2027	2Q			2038	1Q	8Q	a
Texas	214/469/972	2021	2Q	2021	3Q	2021	3Q	2021	3Q	2020	3Q	2020	1Q	-1Q	b
Pennsylvania	215/267/445			2046	4Q	2045	2Q	2019	2Q	2018	2Q	2018	2Q		k
Ohio	216							2044	1Q	2040	4Q	2032	4Q		k
Illinois	217	2022	1Q	2021	3Q	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2Q	a
Minnesota	218											2028	2Q		k
Indiana	219														k
Ohio	220/740														k
Pennsylvania	223/717											2017	3Q		k
Illinois	224/847	2047	4Q	2040	2Q	2037	4Q	2034	1Q	2031	4Q	2029	1Q	30Q	a
Louisiana	225														k
Canada	226/519/548	2026	4Q	2029	1Q	2029	1Q			2026	4Q			-9Q	c
Mississippi	228							2045	4Q						k
Georgia	229														k
Michigan	231									2045	1Q	2037	1Q		k
Ohio	234/330											2035	1Q		k
Canada	236/250/604/778	2020	3Q	2020	1Q	2020	3Q			2020	2Q	2021	1Q	2Q	c
Florida	239														k
Maryland	240/301	2024	3Q	2024	1Q	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2Q	a
Michigan	248/947														k
Canada	249/705	2025	3Q	2026	2Q	2026	2Q			2024	3Q			-3Q	c
Alabama	251														k
North Carolina	252											2038	2Q		k
Washington	253														k

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Texas	254			2048	4Q	2043	2Q	2040	4Q	2041	2Q	2040	1Q		k
Alabama	256/938														k
Indiana	260														k
Wisconsin	262	2044	3Q	2048	4Q			2045	1Q					-17Q	b
Michigan	269											2037	4Q		k
Kentucky	270/364														k
Pennsylvania	272/570														k
Virginia	276														k
California	279/916							2019	2Q						k
Texas	281/346/713/832	2028	2Q	2027	4Q	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2Q	a
Canada	289/365/905	2022	2Q	2021	4Q	2022	4Q			2023	3Q			2Q	c
Delaware	302	2043	4Q	2047	2Q							2038	2Q	-14Q	b
Colorado	303/720	2023	3Q	2023	4Q	2023	1Q	2023	1Q	2022	2Q	2021	1Q	-1Q	b
West Virginia	304/681	2039	3Q									2034	3Q		b
Florida	305/786	2024	2Q	2024	1Q	2024	1Q	2022	3Q	2021	2Q	2021	1Q	1Q	a
Canada	306/639	2022	2Q	2022	3Q	2022	2Q			2022	3Q			-1Q	c
Wyoming	307														k
Nebraska	308							2046	1Q	2038	1Q	2023	2Q		k
Illinois	309	2026	3Q	2031	2Q	2031	2Q	2033	4Q	2033	1Q	2029	1Q	-19Q	b
California	310/424	2048	3Q	2042	4Q	2041	4Q	2036	3Q	2034	3Q	2028	3Q	23Q	a
Illinois	312/773/872					2043	2Q	2041	1Q	2037	1Q	2033	4Q		k
Michigan	313	2032	2Q	2031	4Q	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2Q	a
Missouri	314	2024	2Q	2025	4Q	2024	2Q	2023	2Q	2021	4Q	2020	2Q	-6Q	b
New York	315/680											2017	2Q		k
Kansas	316			2041	3Q	2037	2Q	2031	2Q	2028	1Q	2022	2Q		k
Indiana	317/463														k
Louisiana	318	2032	3Q	2029	4Q	2029	1Q	2028	2Q	2027	1Q	2026	3Q	11Q	a
Iowa	319	2048	4Q												b
Minnesota	320														k
Florida	321/407	2019	3Q	2019	3Q	2020	3Q	2020	2Q	2018	3Q	2018	2Q	N/C	
Florida	321A														g, k
Texas	325														k
Illinois	331/630														k
Alabama	334	2036	4Q	2038	4Q	2034	4Q	2040	2Q			2037	2Q	-8Q	b
North Carolina	336/743														k

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Louisiana	337														k
Massachusetts	339/781														k
Virgin Islands	340														k
Canada	343/613	2023	4Q	2022	3Q	2024	1Q			2025	2Q			5Q	c
New York	347/718/929	2028	2Q	2029	3Q	2028	4Q	2027	2Q	2026	2Q	2023	2Q	-5Q	b
Massachusetts	351/978														k
Florida	352	2039	3Q	2038	3Q	2043	3Q	2043	4Q	2040	3Q	2037	1Q	4Q	a
Washington	360/564											2017	4Q		k
Texas	361														k
Ohio	380/614														k
Utah	385/801	2041	1Q	2043	2Q	2040	3Q	2039	4Q	2039	3Q	2037	2Q	-9Q	b
Florida	386														k
Rhode Island	401														k
Nebraska	402/531														k
Canada	403/587/780/825	2022	2Q	2022	1Q	2022	3Q			2022	1Q			1Q	c
Georgia	404/470/678/770	2022	4Q	2023	2Q	2023	2Q	2023	1Q	2024	1Q	2022	2Q	-2Q	b
Oklahoma	405	2021	4Q	2021	4Q	2021	2Q	2021	2Q	2021	1Q	2020	2Q	N/C	
Montana	406	2029	2Q	2029	2Q	2029	3Q	2031	3Q	2034	4Q	2022	4Q	N/C	
California	408/669														k
Texas	409														k
Maryland	410/443/667	2037	4Q												b
Pennsylvania	412/724/878														k
Massachusetts	413											2046	3Q		k
Wisconsin	414											2039	3Q		k
California	415/628					2046	4Q	2042	4Q	2038	2Q	2038	1Q		k
Canada	416/437/647	2024	1Q	2027	1Q	2027	1Q			2030	2Q			-12Q	c
Missouri	417	2031	3Q	2033	4Q	2035	1Q	2034	2Q	2036	4Q	2027	3Q	-9Q	b
Canada	418/581/367	2029	4Q	2038	3Q	2038	3Q	2020	1Q	2020	3Q	2019	1Q	-35Q	c
Ohio	419/567											2037	2Q		k
Tennessee	423	2028	2Q	2028	1Q	2030	1Q	2027	1Q	2029	4Q	2026	4Q	1Q	a
Washington	425	2046	3Q			2047	1Q	2045	1Q	2041	3Q	2032	2Q		b
Texas	430/903											2042	1Q		k
Texas	432														k
Virginia	434														k
Utah	435														k

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Canada	438/514	2023	4Q	2026	1Q	2026	1Q			2028	3Q			-9Q	c
Ohio	440	2026	4Q	2024	3Q	2023	4Q	2023	2Q	2023	3Q	2020	2Q	9Q	a
California	442/760					2051	4Q	2043	4Q	2042	3Q	2037	4Q		k
Canada	450/579	2024	2Q	2021	1Q	2021	2Q			2022	2Q			13Q	c
Oregon	458/541											2041	4Q		k
Georgia	478														k
Arkansas	479	2044	3Q												b
Arizona	480	2024	4Q	2025	1Q	2024	4Q	2024	4Q	2023	3Q	2020	4Q	-1Q	b
Pennsylvania	484/610	2022	4Q	2022	3Q	2021	4Q	2021	2Q	2021	2Q	2020	1Q	1Q	a
Arkansas	501														k
Kentucky	502	2041	2Q	2038	1Q	2034	2Q	2030	4Q	2032	3Q	2030	3Q	13Q	a
Oregon	503/971	2048	3Q									2037	2Q		b
Louisiana	504					2045	4Q								k
New Mexico	505	2043	3Q	2040	3Q	2039	2Q	2034	4Q	2032	3Q	2027	2Q	12Q	a
Canada	506	2022	3Q	2022	1Q	2021	4Q			2021	4Q	2020	2Q	2Q	c
Minnesota	507	2033	1Q	2032	1Q	2032	2Q	2032	1Q	2036	1Q	2026	4Q	4Q	a
Massachusetts	508/774	2046	3Q	2045	3Q	2043	2Q	2039	3Q	2036	4Q	2032	3Q	4Q	a
Washington	509	2027	1Q	2029	1Q	2028	4Q	2031	1Q	2029	2Q	2024	4Q	-8Q	b
California	510	2019	4Q	2019	4Q	2019	2Q	2019	2Q	2018	2Q	2018	2Q	N/C	
Texas	512/737	2048	2Q									2040	4Q		b
Ohio	513	2023	4Q	2024	4Q	2024	1Q	2024	3Q	2023	2Q	2019	1Q	-4Q	b
Iowa	515	2042	2Q	2041	1Q					2044	3Q	2035	2Q	5Q	a
New York	516	2025	2Q	2024	3Q	2023	4Q	2024	3Q	2024	1Q	2022	2Q	3Q	a
Michigan	517											2029	3Q		k
New York	518/838	2045	1Q			2047	4Q					2017	3Q		b
Arizona	520	2049	2Q			2040	4Q	2038	2Q	2035	3Q	2029	4Q		b
California	530	2028	1Q	2028	3Q	2027	1Q	2026	2Q	2026	1Q	2023	1Q	-2Q	b
Wisconsin	534/715														k
Oklahoma	539/918			2046	2Q	2042	4Q								k
Virginia	540	2022	2Q	2022	2Q	2024	2Q	2026	4Q	2031	2Q	2024	1Q	N/C	
California	559	2039	1Q	2032	2Q	2029	2Q	2026	1Q	2024	4Q	2021	2Q	27Q	a
Florida	561	2027	2Q	2033	3Q	2032	3Q	2029	1Q	2027	4Q	2026	4Q	-25Q	b
California	562	2044	4Q	2046	4Q	2045	4Q	2039	4Q	2038	2Q	2030	2Q	-8Q	b
Iowa	563	2043	1Q	2038	4Q	2035	3Q	2037	3Q	2037	1Q			17Q	a
Virginia	571/703	2036	3Q	2038	2Q	2039	1Q	2046	1Q	2042	4Q	2036	3Q	-7Q	b

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Missouri	573	2027	1Q	2026	3Q	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2Q	a
Indiana	574														k
New Mexico	575			2048	1Q										k
Oklahoma	580	2033	1Q	2030	4Q	2027	3Q	2029	3Q	2030	1Q	2024	3Q	9Q	a
New York	585	2036	1Q	2046	3Q	2045	1Q	2037	4Q	2038	3Q	2034	4Q	-42Q	b
Michigan	586	2045	3Q	2037	4Q	2032	2Q	2028	2Q	2026	1Q	2023	2Q	31Q	a
Mississippi	601/769														k
Arizona	602	2031	4Q	2032	1Q	2033	1Q	2031	3Q	2030	1Q	2022	1Q	-1Q	b
New Hampshire	603	2030	1Q	2034	4Q	2031	3Q	2033	3Q	2034	1Q	2029	1Q	-19Q	b
South Dakota	605	2031	3Q	2031	4Q	2030	2Q	2031	1Q	2036	3Q	2027	4Q	-1Q	b
Kentucky	606			2045	2Q	2044	3Q	2046	2Q	2041	1Q	2043	2Q	36Q	k
New York	607														k
Wisconsin	608	2027	4Q	2027	4Q	2026	2Q	2031	3Q	2031	3Q	2029	4Q	N/C	
New Jersey	609/640							2018	3Q	2018	3Q	2018	3Q		k
Minnesota	612	2037	2Q	2038	2Q	2036	1Q	2037	3Q	2036	2Q	2029	1Q	-4Q	b
Tennessee	615/629														k
Michigan	616	2048	2Q									2033	1Q		b
Massachusetts	617/857	2048	1Q	2041	3Q	2038	1Q	2042	2Q	2040	1Q	2040	2Q	26Q	a
Illinois	618	2027	3Q	2027	3Q	2025	3Q	2025	1Q	2024	3Q	2022	1Q	N/C	
California	619/858	2046	1Q	2037	1Q	2036	1Q	2018	4Q	2018	4Q	2018	4Q	36Q	a
Kansas	620	2046	1Q	2042	3Q	2039	3Q	2035	1Q			2026	3Q	14Q	a
Arizona	623														k
California	626	2034	3Q	2032	4Q	2030	2Q	2029	1Q	2028	1Q	2024	3Q	7Q	a
New York	631/934														k
Missouri	636														k
Iowa	641	2043	2Q												b
California	650	2031	2Q	2030	4Q	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2Q	a
Minnesota	651											2036	2Q		k
California	657/714	2047	2Q	2042	3Q	2039	1Q	2034	1Q	2032	2Q	2028	2Q	19Q	a
Missouri	660							2037	4Q	2036	4Q	2034	3Q		k
California	661	2047	3Q	2046	1Q	2040	2Q	2035	4Q	2034	1Q	2027	4Q	6Q	a
Mississippi	662	2044	1Q	2039	1Q	2034	4Q					2040	3Q	20Q	a
CNMI	670														k
Guam	671														k
Texas	682/817	2047	2Q					2045	3Q	2042	4Q	2039	1Q		b

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2018.2 to 2019.1	
American Samoa	684														k
North Dakota	701	2032	3Q	2031	2Q	2030	4Q	2032	3Q	2035	4Q	2023	2Q	5Q	a
Nevada	702/725							2045	4Q	2044	4Q	2043	1Q		k
North Carolina	704/980	2045	2Q	2042	2Q	2042	1Q	2038	3Q	2039	3Q	2033	2Q	12Q	a
Georgia	706/762														k
California	707	2026	4Q	2025	3Q	2025	3Q	2025	4Q	2024	1Q	2020	2Q	5Q	a
Illinois	708	2023	4Q	2021	1Q	2020	3Q	2019	4Q	2019	1Q	2017	3Q	11Q	a
Canada	709	2023	3Q	2023	1Q	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2Q	b
Iowa	712	2037	4Q	2045	4Q									-32Q	b
New York	716	2029	1Q	2025	2Q	2025	2Q	2025	1Q	2023	3Q	2022	2Q	15Q	a
Colorado	719	2045	2Q	2047	4Q	2046	1Q	2046	1Q	2043	4Q	2029	4Q	-10Q	b
Florida	727	2044	3Q	2046	3Q	2041	4Q	2037	3Q	2036	3Q	2032	2Q	-8Q	b
Tennessee	731	2049	2Q	2041	3Q	2037	2Q	2034	3Q	2036	3Q			31Q	a
New Jersey	732/848														k
Michigan	734	2035	3Q	2036	4Q	2042	2Q	2034	2Q	2033	4Q	2023	4Q	-5Q	b
California	747/818									2044	2Q	2040	3Q		k
Florida	754/954														k
Virginia	757	2021	4Q	2021	4Q	2023	1Q	2023	2Q	2023	3Q	2023	1Q	N/C	
Minnesota	763														k
Indiana	765	2044	2Q					2042	4Q	2041	1Q	2032	2Q		b
Florida	772														k
Nevada	775														k
Illinois	779/815														k
Canada	782/902	2034	2Q	2033	1Q	2033	1Q			2029	4Q			5Q	c
Kansas	785	2037	2Q	2034	4Q							2028	2Q	10Q	a
Puerto Rico	787/939	2040	2Q	2038	3Q							2042	4Q	7Q	a
Vermont	802														k
South Carolina	803	2020	4Q	2020	2Q	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2Q	a
Virginia	804	2025	2Q	2025	4Q	2027	2Q	2027	1Q	2026	1Q	2029	3Q	-2Q	b
California	805/820							2018	2Q	2018	2Q	2017	4Q		k
Texas	806	2025	1Q	2023	1Q	2021	4Q	2028	1Q	2031	4Q	2030	3Q	8Q	a
Canada	807														d
Hawaii	808	2044	3Q	2040	1Q	2036	2Q	2032	4Q	2030	1Q	2028	2Q	18Q	a
Michigan	810														k
Indiana	812/930														k

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	813	2022	3Q	2022	4Q	2021	4Q	2021	4Q	2022	1Q	2021	1Q	-1Q	b
Pennsylvania	814	2022	2Q	2021	2Q	2021	2Q	2021	3Q	2021	2Q	2021	3Q	4Q	a
Missouri	816	2026	2Q	2025	3Q	2025	3Q	2026	1Q	2025	2Q	2022	1Q	3Q	a
Canada	819/873	2025	4Q	2026	4Q	2026	4Q			2023	3Q			-4Q	c
North Carolina	828	2037	4Q	2036	1Q	2036	2Q	2040	3Q	2042	2Q	2042	2Q	7Q	a
Texas	830														k
California	831														k
South Carolina	843/854														k
New York	845	2025	2Q	2028	1Q	2027	2Q	2025	3Q	2025	1Q	2022	2Q	-11Q	b
Florida	850	2022	1Q	2022	1Q	2027	2Q	2030	1Q	2029	2Q	2024	2Q	N/C	
New Jersey	856	2048	2Q					2045	4Q	2043	4Q	2035	1Q		b
Kentucky	859											2039	1Q		k
Connecticut	860/959														k
New Jersey	862/973														k
Florida	863														k
South Carolina	864	2026	3Q	2028	3Q	2027	2Q	2029	1Q	2031	1Q	2027	3Q	-8Q	b
Tennessee	865														k
Canada	867	2042	3Q	2039	2Q	2039	2Q			2036	3Q			13Q	c
Arkansas	870	2022	3Q	2023	3Q	2023	3Q	2023	1Q	2023	1Q	2022	2Q	-4Q	b
Tennessee	901	2042	2Q	2043	1Q	2038	1Q	2032	2Q	2037	3Q	2035	3Q	-3Q	b
Florida	904	2032	1Q	2031	2Q	2030	1Q	2027	2Q	2027	1Q	2027	2Q	3Q	a
Michigan	906														k
Alaska	907					2045	4Q					2031	1Q		k
New Jersey	908	2038	1Q	2039	3Q	2046	3Q					2031	2Q	-6Q	b
California	909	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2019	1Q	2019	1Q	N/C	
North Carolina	910	2024	1Q	2024	1Q	2024	1Q	2022	2Q	2023	1Q	2021	2Q	N/C	
Georgia	912	2047	4Q			2046	2Q	2041	2Q	2045	2Q	2040	3Q		b
Kansas	913	2047	3Q	2046	4Q	2045	2Q	2045	3Q	2042	2Q	2030	4Q	3Q	a
New York	914	2040	2Q	2039	3Q	2044	4Q	2044	4Q	2040	4Q	2029	2Q	3Q	a
Texas	915														k
New York	917														e
North Carolina	919/984														k
Wisconsin	920	2028	2Q	2031	3Q	2030	1Q	2032	2Q	2032	1Q	2025	2Q	-13Q	b
California	925											2037	2Q		k
Arizona	928														k

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Tennessee	931					2045	2Q	2040	4Q						k
Texas	936														k
Ohio	937	2021	2Q	2020	3Q	2020	3Q	2020	3Q	2020	3Q	2019	4Q	3Q	a
Texas	940														k
Florida	941														k
California	949	2033	2Q	2032	1Q	2031	1Q	2029	3Q	2027	3Q	2025	3Q	5Q	a
California	951	2039	1Q	2036	2Q	2035	2Q	2031	1Q	2028	3Q	2026	3Q	11Q	a
Minnesota	952														k
Texas	956	2036	1Q	2033	3Q	2031	1Q	2026	4Q	2027	1Q	2025	1Q	10Q	a
Colorado	970	2029	3Q	2032	1Q	2030	1Q	2027	1Q	2026	1Q	2021	3Q	-10Q	b
Texas	979														k
Louisiana	985														k
Michigan	989	2035	2Q	2036	1Q	2039	3Q	2042	4Q	2037	4Q	2023	4Q	-3Q	b

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	321/407	2019	3Q	2019	3Q	2020	3Q	2020	2Q	2018	3Q	2018	2Q	N/C	
California	510	2019	4Q	2019	4Q	2019	2Q	2019	2Q	2018	2Q	2018	2Q	N/C	
Alabama	205	2020	2Q	2020	1Q	2020	4Q	2021	4Q	2022	2Q	2023	1Q	1Q	a
Canada	236/250/604/778	2020	3Q	2020	1Q	2020	3Q			2020	2Q	2021	1Q	2Q	c
South Carolina	803	2020	4Q	2020	2Q	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2Q	a
Texas	214/469/972	2021	2Q	2021	3Q	2021	3Q	2021	3Q	2020	3Q	2020	1Q	-1Q	b
Ohio	937	2021	2Q	2020	3Q	2020	3Q	2020	3Q	2020	3Q	2019	4Q	3Q	a
California	909	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2019	1Q	2019	1Q	N/C	
Oklahoma	405	2021	4Q	2021	4Q	2021	2Q	2021	2Q	2021	1Q	2020	2Q	N/C	
Virginia	757	2021	4Q	2021	4Q	2023	1Q	2023	2Q	2023	3Q	2023	1Q	N/C	
Illinois	217	2022	1Q	2021	3Q	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2Q	a
Florida	850	2022	1Q	2022	1Q	2027	2Q	2030	1Q	2029	2Q	2024	2Q	N/C	
Canada	289/365/905	2022	2Q	2021	4Q	2022	4Q			2023	3Q			2Q	c
Canada	403/587/780/825	2022	2Q	2022	1Q	2022	3Q			2022	1Q			1Q	c
Virginia	540	2022	2Q	2022	2Q	2024	2Q	2026	4Q	2031	2Q	2024	1Q	N/C	
Pennsylvania	814	2022	2Q	2021	2Q	2021	2Q	2021	3Q	2021	2Q	2021	3Q	4Q	a
Canada	306/639	2022	2Q	2022	3Q	2022	2Q			2022	3Q			-1Q	c
Canada	506	2022	3Q	2022	1Q	2021	4Q			2021	4Q	2020	2Q	2Q	c
Florida	813	2022	3Q	2022	4Q	2021	4Q	2021	4Q	2022	1Q	2021	1Q	-1Q	b
Arkansas	870	2022	3Q	2023	3Q	2023	3Q	2023	1Q	2023	1Q	2022	2Q	-4Q	b
District of Columbia	202	2022	4Q	2022	4Q	2022	4Q	2022	4Q	2021	1Q	2020	2Q	N/C	
Georgia	404/470/678/770	2022	4Q	2023	2Q	2023	2Q	2023	1Q	2024	1Q	2022	2Q	-2Q	b
Pennsylvania	484/610	2022	4Q	2022	3Q	2021	4Q	2021	2Q	2021	2Q	2020	1Q	1Q	a
Canada	709	2023	3Q	2023	1Q	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2Q	b
Colorado	303/720	2023	3Q	2023	4Q	2023	1Q	2023	1Q	2022	2Q	2021	1Q	-1Q	b
Canada	343/613	2023	4Q	2022	3Q	2024	1Q			2025	2Q			5Q	c
Ohio	513	2023	4Q	2024	4Q	2024	1Q	2024	3Q	2023	2Q	2019	1Q	-4Q	b
Illinois	708	2023	4Q	2021	1Q	2020	3Q	2019	4Q	2019	1Q	2017	3Q	11Q	a
Canada	438/514	2023	4Q	2026	1Q	2026	1Q			2028	3Q			-9Q	c
North Carolina	910	2024	1Q	2024	1Q	2024	1Q	2022	2Q	2023	1Q	2021	2Q	N/C	
Canada	416/437/647	2024	1Q	2027	1Q	2027	1Q			2030	2Q			-12Q	c
Canada	450/579	2024	2Q	2021	1Q	2021	2Q			2022	2Q			13Q	c
Florida	305/786	2024	2Q	2024	1Q	2024	1Q	2022	3Q	2021	2Q	2021	1Q	1Q	a
Missouri	314	2024	2Q	2025	4Q	2024	2Q	2023	2Q	2021	4Q	2020	2Q	-6Q	b
Maryland	240/301	2024	3Q	2024	1Q	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2Q	a

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2018.2 to 2019.1	
Arizona	480	2024	4Q	2025	1Q	2024	4Q	2024	4Q	2023	3Q	2020	4Q	-1Q	b
Texas	806	2025	1Q	2023	1Q	2021	4Q	2028	1Q	2031	4Q	2030	3Q	8Q	a
New York	516	2025	2Q	2024	3Q	2023	4Q	2024	3Q	2024	1Q	2022	2Q	3Q	a
Virginia	804	2025	2Q	2025	4Q	2027	2Q	2027	1Q	2026	1Q	2029	3Q	-2Q	b
New York	845	2025	2Q	2028	1Q	2027	2Q	2025	3Q	2025	1Q	2022	2Q	-11Q	b
Canada	249/705	2025	3Q	2026	2Q	2026	2Q			2024	3Q			-3Q	c
Canada	819/873	2025	4Q	2026	4Q	2026	4Q			2023	3Q			-4Q	c
Maine	207	2026	2Q	2027	4Q	2027	4Q	2031	4Q	2030	4Q	2023	4Q	-6Q	b
Missouri	816	2026	2Q	2025	3Q	2025	3Q	2026	1Q	2025	2Q	2022	1Q	3Q	a
Canada	204/431	2026	3Q	2026	1Q	2026	1Q			2023	3Q			2Q	c
California	209	2026	3Q	2025	2Q	2024	2Q	2022	3Q	2022	1Q	2020	2Q	5Q	a
Illinois	309	2026	3Q	2031	2Q	2031	2Q	2033	4Q	2033	1Q	2029	1Q	-19Q	b
South Carolina	864	2026	3Q	2028	3Q	2027	2Q	2029	1Q	2031	1Q	2027	3Q	-8Q	b
Ohio	440	2026	4Q	2024	3Q	2023	4Q	2023	2Q	2023	3Q	2020	2Q	9Q	a
California	707	2026	4Q	2025	3Q	2025	3Q	2025	4Q	2024	1Q	2020	2Q	5Q	a
Canada	226/519/548	2026	4Q	2029	1Q	2029	1Q			2026	4Q			-9Q	c
Washington	206	2027	1Q	2028	1Q	2025	4Q	2025	2Q	2024	4Q	2024	1Q	-4Q	b
Washington	509	2027	1Q	2029	1Q	2028	4Q	2031	1Q	2029	2Q	2024	4Q	-8Q	b
Missouri	573	2027	1Q	2026	3Q	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2Q	a
Florida	561	2027	2Q	2033	3Q	2032	3Q	2029	1Q	2027	4Q	2026	4Q	-25Q	b
Illinois	618	2027	3Q	2027	3Q	2025	3Q	2025	1Q	2024	3Q	2022	1Q	N/C	
Wisconsin	608	2027	4Q	2027	4Q	2026	2Q	2031	3Q	2031	3Q	2029	4Q	N/C	
California	530	2028	1Q	2028	3Q	2027	1Q	2026	2Q	2026	1Q	2023	1Q	-2Q	b
Texas	281/346/713/832	2028	2Q	2027	4Q	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2Q	a
New York	347/718/929	2028	2Q	2029	3Q	2028	4Q	2027	2Q	2026	2Q	2023	2Q	-5Q	b
Tennessee	423	2028	2Q	2028	1Q	2030	1Q	2027	1Q	2029	4Q	2026	4Q	1Q	a
Wisconsin	920	2028	2Q	2031	3Q	2030	1Q	2032	2Q	2032	1Q	2025	2Q	-13Q	b
New York	716	2029	1Q	2025	2Q	2025	2Q	2025	1Q	2023	3Q	2022	2Q	15Q	a
Montana	406	2029	2Q	2029	2Q	2029	3Q	2031	3Q	2034	4Q	2022	4Q	N/C	
Colorado	970	2029	3Q	2032	1Q	2030	1Q	2027	1Q	2026	1Q	2021	3Q	-10Q	b
Canada	418/581/367	2029	4Q	2038	3Q	2038	3Q	2020	1Q	2020	3Q	2019	1Q	-35Q	c
New Hampshire	603	2030	1Q	2034	4Q	2031	3Q	2033	3Q	2034	1Q	2029	1Q	-19Q	b
California	213/323	2031	2Q	2029	2Q	2028	1Q	2027	2Q			2038	1Q	8Q	a
California	650	2031	2Q	2030	4Q	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2Q	a
Missouri	417	2031	3Q	2033	4Q	2035	1Q	2034	2Q	2036	4Q	2027	3Q	-9Q	b

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2018.2 to 2019.1	
South Dakota	605	2031	3Q	2031	4Q	2030	2Q	2031	1Q	2036	3Q	2027	4Q	-1Q	b
Arizona	602	2031	4Q	2032	1Q	2033	1Q	2031	3Q	2030	1Q	2022	1Q	-1Q	b
Florida	904	2032	1Q	2031	2Q	2030	1Q	2027	2Q	2027	1Q	2027	2Q	3Q	a
Michigan	313	2032	2Q	2031	4Q	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2Q	a
Louisiana	318	2032	3Q	2029	4Q	2029	1Q	2028	2Q	2027	1Q	2026	3Q	11Q	a
North Dakota	701	2032	3Q	2031	2Q	2030	4Q	2032	3Q	2035	4Q	2023	2Q	5Q	a
Minnesota	507	2033	1Q	2032	1Q	2032	2Q	2032	1Q	2036	1Q	2026	4Q	4Q	a
Oklahoma	580	2033	1Q	2030	4Q	2027	3Q	2029	3Q	2030	1Q	2024	3Q	9Q	a
California	949	2033	2Q	2032	1Q	2031	1Q	2029	3Q	2027	3Q	2025	3Q	5Q	a
Canada	782/902	2034	2Q	2033	1Q	2033	1Q			2029	4Q			5Q	c
California	626	2034	3Q	2032	4Q	2030	2Q	2029	1Q	2028	1Q	2024	3Q	7Q	a
Michigan	989	2035	2Q	2036	1Q	2039	3Q	2042	4Q	2037	4Q	2023	4Q	-3Q	b
Michigan	734	2035	3Q	2036	4Q	2042	2Q	2034	2Q	2033	4Q	2023	4Q	-5Q	b
New York	585	2036	1Q	2046	3Q	2045	1Q	2037	4Q	2038	3Q	2034	4Q	-42Q	b
Texas	956	2036	1Q	2033	3Q	2031	1Q	2026	4Q	2027	1Q	2025	1Q	10Q	a
Virginia	571/703	2036	3Q	2038	2Q	2039	1Q	2046	1Q	2042	4Q	2036	3Q	-7Q	b
Alabama	334	2036	4Q	2038	4Q	2034	4Q	2040	2Q			2037	2Q	-8Q	b
Minnesota	612	2037	2Q	2038	2Q	2036	1Q	2037	3Q	2036	2Q	2029	1Q	-4Q	b
Kansas	785	2037	2Q	2034	4Q							2028	2Q	10Q	a
Maryland	410/443/667	2037	4Q												b
Iowa	712	2037	4Q	2045	4Q									-32Q	b
North Carolina	828	2037	4Q	2036	1Q	2036	2Q	2040	3Q	2042	2Q	2042	2Q	7Q	a
New Jersey	908	2038	1Q	2039	3Q	2046	3Q					2031	2Q	-6Q	b
California	559	2039	1Q	2032	2Q	2029	2Q	2026	1Q	2024	4Q	2021	2Q	27Q	a
California	951	2039	1Q	2036	2Q	2035	2Q	2031	1Q	2028	3Q	2026	3Q	11Q	a
West Virginia	304/681	2039	3Q									2034	3Q		b
Florida	352	2039	3Q	2038	3Q	2043	3Q	2043	4Q	2040	3Q	2037	1Q	4Q	a
Puerto Rico	787/939	2040	2Q	2038	3Q							2042	4Q	7Q	a
New York	914	2040	2Q	2039	3Q	2044	4Q	2044	4Q	2040	4Q	2029	2Q	3Q	a
Utah	385/801	2041	1Q	2043	2Q	2040	3Q	2039	4Q	2039	3Q	2037	2Q	-9Q	b
Kentucky	502	2041	2Q	2038	1Q	2034	2Q	2030	4Q	2032	3Q	2030	3Q	13Q	a
New Jersey	201/551	2042	2Q	2047	2Q									-20Q	b
Iowa	515	2042	2Q	2041	1Q					2044	3Q	2035	2Q	5Q	a
Tennessee	901	2042	2Q	2043	1Q	2038	1Q	2032	2Q	2037	3Q	2035	3Q	-3Q	b
Canada	867	2042	3Q	2039	2Q	2039	2Q			2036	3Q			13Q	c

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2018.2 to 2019.1	
Iowa	563	2043	1Q	2038	4Q	2035	3Q	2037	3Q	2037	1Q			17Q	a
Iowa	641	2043	2Q												b
New Mexico	505	2043	3Q	2040	3Q	2039	2Q	2034	4Q	2032	3Q	2027	2Q	12Q	a
Delaware	302	2043	4Q	2047	2Q							2038	2Q	-14Q	b
Mississippi	662	2044	1Q	2039	1Q	2034	4Q					2040	3Q	20Q	a
Indiana	765	2044	2Q					2042	4Q	2041	1Q	2032	2Q		b
Wisconsin	262	2044	3Q	2048	4Q			2045	1Q					-17Q	b
Arkansas	479	2044	3Q												b
Florida	727	2044	3Q	2046	3Q	2041	4Q	2037	3Q	2036	3Q	2032	2Q	-8Q	b
Hawaii	808	2044	3Q	2040	1Q	2036	2Q	2032	4Q	2030	1Q	2028	2Q	18Q	a
California	562	2044	4Q	2046	4Q	2045	4Q	2039	4Q	2038	2Q	2030	2Q	-8Q	b
New York	518/838	2045	1Q			2047	4Q					2017	3Q		b
North Carolina	704/980	2045	2Q	2042	2Q	2042	1Q	2038	3Q	2039	3Q	2033	2Q	12Q	a
Colorado	719	2045	2Q	2047	4Q	2046	1Q	2046	1Q	2043	4Q	2029	4Q	-10Q	b
Michigan	586	2045	3Q	2037	4Q	2032	2Q	2028	2Q	2026	1Q	2023	2Q	31Q	a
California	619/858	2046	1Q	2037	1Q	2036	1Q	2018	4Q	2018	4Q	2018	4Q	36Q	a
Kansas	620	2046	1Q	2042	3Q	2039	3Q	2035	1Q			2026	3Q	14Q	a
Washington	425	2046	3Q			2047	1Q	2045	1Q	2041	3Q	2032	2Q		b
Massachusetts	508/774	2046	3Q	2045	3Q	2043	2Q	2039	3Q	2036	4Q	2032	3Q	4Q	a
California	657/714	2047	2Q	2042	3Q	2039	1Q	2034	1Q	2032	2Q	2028	2Q	19Q	a
Texas	682/817	2047	2Q					2045	3Q	2042	4Q	2039	1Q		b
California	661	2047	3Q	2046	1Q	2040	2Q	2035	4Q	2034	1Q	2027	4Q	6Q	a
Kansas	913	2047	3Q	2046	4Q	2045	2Q	2045	3Q	2042	2Q	2030	4Q	3Q	a
Illinois	224/847	2047	4Q	2040	2Q	2037	4Q	2034	1Q	2031	4Q	2029	1Q	30Q	a
Georgia	912	2047	4Q			2046	2Q	2041	2Q	2045	2Q	2040	3Q		b
Massachusetts	617/857	2048	1Q	2041	3Q	2038	1Q	2042	2Q	2040	1Q	2040	2Q	26Q	a
Texas	512/737	2048	2Q									2040	4Q		b
Michigan	616	2048	2Q									2033	1Q		b
New Jersey	856	2048	2Q					2045	4Q	2043	4Q	2035	1Q		b
California	310/424	2048	3Q	2042	4Q	2041	4Q	2036	3Q	2034	3Q	2028	3Q	23Q	a
Oregon	503/971	2048	3Q									2037	2Q		b
Iowa	319	2048	4Q												b
Arizona	520	2049	2Q			2040	4Q	2038	2Q	2035	3Q	2029	4Q		b
Tennessee	731	2049	2Q	2041	3Q	2037	2Q	2034	3Q	2036	3Q			31Q	a
Texas	210/726											2017	4Q		k

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Minnesota	218												2028	2Q	k
Indiana	219														k
Ohio	220/740														k
Louisiana	225														k
Georgia	229														k
Ohio	234/330												2035	1Q	k
Florida	239														k
Michigan	248/947														k
Alabama	251														k
North Carolina	252												2038	2Q	k
Washington	253														k
Alabama	256/938														k
Indiana	260														k
Michigan	269												2037	4Q	k
Kentucky	270/364														k
Pennsylvania	272/570														k
Virginia	276														k
Wyoming	307														k
New York	315/680												2017	2Q	k
Indiana	317/463														k
Minnesota	320														k
Texas	325														k
Illinois	331/630														k
North Carolina	336/743														k
Louisiana	337														k
Massachusetts	339/781														k
Virgin Islands	340														k
Massachusetts	351/978														k
Washington	360/564												2017	4Q	k
Texas	361														k
Ohio	380/614														k
Florida	386														k
Rhode Island	401														k
Nebraska	402/531														k
California	408/669														k

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Texas	409														k
Pennsylvania	412/724/878														k
Massachusetts	413											2046	3Q		k
Wisconsin	414											2039	3Q		k
Ohio	419/567											2037	2Q		k
Texas	430/903											2042	1Q		k
Texas	432														k
Virginia	434														k
Utah	435														k
Oregon	458/541											2041	4Q		k
Georgia	478														k
Arkansas	501														k
Michigan	517											2029	3Q		k
Wisconsin	534/715														k
Indiana	574														k
Mississippi	601/769														k
New York	607														k
Tennessee	615/629														k
Arizona	623														k
New York	631/934														k
Missouri	636														k
Minnesota	651											2036	2Q		k
CNMI	670														k
Guam	671														k
American Samoa	684														k
Georgia	706/762														k
New Jersey	732/848														k
Florida	754/954														k
Minnesota	763														k
Florida	772														k
Nevada	775														k
Illinois	779/815														k
Vermont	802														k
Michigan	810														k
Indiana	812/930														k

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Texas	830														k
California	831														k
South Carolina	843/854														k
Kentucky	859											2039	1Q		k
Connecticut	860/959														k
New Jersey	862/973														k
Florida	863														k
Tennessee	865														k
Michigan	906														k
Texas	915														k
North Carolina	919/984														k
California	925											2037	2Q		k
Arizona	928														k
Texas	936														k
Texas	940														k
Florida	941														k
Minnesota	952														k
Texas	979														k
Louisiana	985														k
Connecticut	203/475										2045	1Q	2043	2Q	k
Idaho	208/986												2018	4Q	k
New York	212/646/332					2047	4Q						2017	2Q	k
Pennsylvania	215/267/445			2046	4Q	2045	2Q	2019	2Q	2018	2Q	2018	2Q		k
Ohio	216							2044	1Q	2040	4Q	2032	4Q		k
Pennsylvania	223/717											2017	3Q		k
Mississippi	228							2045	4Q						k
Michigan	231									2045	1Q	2037	1Q		k
Texas	254			2048	4Q	2043	2Q	2040	4Q	2041	2Q	2040	1Q		k
California	279/916							2019	2Q						k
Nebraska	308							2046	1Q	2038	1Q	2023	2Q		k
Illinois	312/773/872					2043	2Q	2041	1Q	2037	1Q	2033	4Q		k
Kansas	316			2041	3Q	2037	2Q	2031	2Q	2028	1Q	2022	2Q		k
Florida	321A														g, k
California	415/628					2046	4Q	2042	4Q	2038	2Q	2038	1Q		k
California	442/760					2051	4Q	2043	4Q	2042	3Q	2037	4Q		k

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Louisiana	504					2045	4Q								k
Oklahoma	539/918			2046	2Q	2042	4Q								k
New Mexico	575			2048	1Q										k
Kentucky	606			2045	2Q	2044	3Q	2046	2Q	2041	1Q	2043	2Q	36Q	k
New Jersey	609/640							2018	3Q	2018	3Q	2018	3Q		k
Missouri	660							2037	4Q	2036	4Q	2034	3Q		k
Nevada	702/725							2045	4Q	2044	4Q	2043	1Q		k
California	747/818									2044	2Q	2040	3Q		k
California	805/820							2018	2Q	2018	2Q	2017	4Q		k
Canada	807														d
Alaska	907					2045	4Q					2031	1Q		k
New York	917														e
Tennessee	931					2045	2Q	2040	4Q						k

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Alabama	205	2020	2Q	2020	1Q	2020	4Q	2021	4Q	2022	2Q	2023	1Q	1Q	a
Alabama	251														k
Alabama	334	2036	4Q	2038	4Q	2034	4Q	2040	2Q			2037	2Q	-8Q	b
Alabama	256/938														k
Alaska	907					2045	4Q					2031	1Q		k
American Samoa	684														k
Arizona	480	2024	4Q	2025	1Q	2024	4Q	2024	4Q	2023	3Q	2020	4Q	-1Q	b
Arizona	520	2049	2Q			2040	4Q	2038	2Q	2035	3Q	2029	4Q		b
Arizona	602	2031	4Q	2032	1Q	2033	1Q	2031	3Q	2030	1Q	2022	1Q	-1Q	b
Arizona	623														k
Arizona	928														k
Arkansas	479	2044	3Q												b
Arkansas	501														k
Arkansas	870	2022	3Q	2023	3Q	2023	3Q	2023	1Q	2023	1Q	2022	2Q	-4Q	b
California	209	2026	3Q	2025	2Q	2024	2Q	2022	3Q	2022	1Q	2020	2Q	5Q	a
California	510	2019	4Q	2019	4Q	2019	2Q	2019	2Q	2018	2Q	2018	2Q	N/C	
California	530	2028	1Q	2028	3Q	2027	1Q	2026	2Q	2026	1Q	2023	1Q	-2Q	b
California	559	2039	1Q	2032	2Q	2029	2Q	2026	1Q	2024	4Q	2021	2Q	27Q	a
California	562	2044	4Q	2046	4Q	2045	4Q	2039	4Q	2038	2Q	2030	2Q	-8Q	b
California	626	2034	3Q	2032	4Q	2030	2Q	2029	1Q	2028	1Q	2024	3Q	7Q	a
California	650	2031	2Q	2030	4Q	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2Q	a
California	661	2047	3Q	2046	1Q	2040	2Q	2035	4Q	2034	1Q	2027	4Q	6Q	a
California	707	2026	4Q	2025	3Q	2025	3Q	2025	4Q	2024	1Q	2020	2Q	5Q	a
California	831														k
California	909	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2019	1Q	2019	1Q	N/C	
California	925											2037	2Q		k
California	949	2033	2Q	2032	1Q	2031	1Q	2029	3Q	2027	3Q	2025	3Q	5Q	a
California	951	2039	1Q	2036	2Q	2035	2Q	2031	1Q	2028	3Q	2026	3Q	11Q	a
California	213/323	2031	2Q	2029	2Q	2028	1Q	2027	2Q			2038	1Q	8Q	a
California	279/916							2019	2Q						k
California	310/424	2048	3Q	2042	4Q	2041	4Q	2036	3Q	2034	3Q	2028	3Q	23Q	a
California	408/669														k
California	415/628					2046	4Q	2042	4Q	2038	2Q	2038	1Q		k
California	442/760					2051	4Q	2043	4Q	2042	3Q	2037	4Q		k
California	619/858	2046	1Q	2037	1Q	2036	1Q	2018	4Q	2018	4Q	2018	4Q	36Q	a

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
California	657/714	2047	2Q	2042	3Q	2039	1Q	2034	1Q	2032	2Q	2028	2Q	19Q	a
California	747/818									2044	2Q	2040	3Q		k
California	805/820							2018	2Q	2018	2Q	2017	4Q		k
Canada	506	2022	3Q	2022	1Q	2021	4Q			2021	4Q	2020	2Q	2Q	c
Canada	709	2023	3Q	2023	1Q	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2Q	b
Canada	807														d
Canada	867	2042	3Q	2039	2Q	2039	2Q			2036	3Q			13Q	c
Canada	204/431	2026	3Q	2026	1Q	2026	1Q			2023	3Q			2Q	c
Canada	226/519/548	2026	4Q	2029	1Q	2029	1Q			2026	4Q			-9Q	c
Canada	236/250/604/778	2020	3Q	2020	1Q	2020	3Q			2020	2Q	2021	1Q	2Q	c
Canada	249/705	2025	3Q	2026	2Q	2026	2Q			2024	3Q			-3Q	c
Canada	289/365/905	2022	2Q	2021	4Q	2022	4Q			2023	3Q			2Q	c
Canada	306/639	2022	2Q	2022	3Q	2022	2Q			2022	3Q			-1Q	c
Canada	343/613	2023	4Q	2022	3Q	2024	1Q			2025	2Q			5Q	c
Canada	403/587/780/825	2022	2Q	2022	1Q	2022	3Q			2022	1Q			1Q	c
Canada	416/437/647	2024	1Q	2027	1Q	2027	1Q			2030	2Q			-12Q	c
Canada	418/581/367	2029	4Q	2038	3Q	2038	3Q	2020	1Q	2020	3Q	2019	1Q	-35Q	c
Canada	438/514	2023	4Q	2026	1Q	2026	1Q			2028	3Q			-9Q	c
Canada	450/579	2024	2Q	2021	1Q	2021	2Q			2022	2Q			13Q	c
Canada	782/902	2034	2Q	2033	1Q	2033	1Q			2029	4Q			5Q	c
Canada	819/873	2025	4Q	2026	4Q	2026	4Q			2023	3Q			-4Q	c
CNMI	670														k
Colorado	719	2045	2Q	2047	4Q	2046	1Q	2046	1Q	2043	4Q	2029	4Q	-10Q	b
Colorado	970	2029	3Q	2032	1Q	2030	1Q	2027	1Q	2026	1Q	2021	3Q	-10Q	b
Colorado	303/720	2023	3Q	2023	4Q	2023	1Q	2023	1Q	2022	2Q	2021	1Q	-1Q	b
Connecticut	203/475									2045	1Q	2043	2Q		k
Connecticut	860/959														k
Delaware	302	2043	4Q	2047	2Q							2038	2Q	-14Q	b
District of Columbia	202	2022	4Q	2022	4Q	2022	4Q	2022	4Q	2021	1Q	2020	2Q	N/C	
Florida	239														k
Florida	352	2039	3Q	2038	3Q	2043	3Q	2043	4Q	2040	3Q	2037	1Q	4Q	a
Florida	386														k
Florida	561	2027	2Q	2033	3Q	2032	3Q	2029	1Q	2027	4Q	2026	4Q	-25Q	b
Florida	727	2044	3Q	2046	3Q	2041	4Q	2037	3Q	2036	3Q	2032	2Q	-8Q	b
Florida	772														k

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	813	2022	3Q	2022	4Q	2021	4Q	2021	4Q	2022	1Q	2021	1Q	-1Q	b
Florida	850	2022	1Q	2022	1Q	2027	2Q	2030	1Q	2029	2Q	2024	2Q	N/C	
Florida	863														k
Florida	904	2032	1Q	2031	2Q	2030	1Q	2027	2Q	2027	1Q	2027	2Q	3Q	a
Florida	941														k
Florida	305/786	2024	2Q	2024	1Q	2024	1Q	2022	3Q	2021	2Q	2021	1Q	1Q	a
Florida	321/407	2019	3Q	2019	3Q	2020	3Q	2020	2Q	2018	3Q	2018	2Q	N/C	
Florida	321A														g, k
Florida	754/954														k
Georgia	229														k
Georgia	478														k
Georgia	912	2047	4Q			2046	2Q	2041	2Q	2045	2Q	2040	3Q		b
Georgia	404/470/678/770	2022	4Q	2023	2Q	2023	2Q	2023	1Q	2024	1Q	2022	2Q	-2Q	b
Georgia	706/762														k
Guam	671														k
Hawaii	808	2044	3Q	2040	1Q	2036	2Q	2032	4Q	2030	1Q	2028	2Q	18Q	a
Idaho	208/986											2018	4Q		k
Illinois	217	2022	1Q	2021	3Q	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2Q	a
Illinois	309	2026	3Q	2031	2Q	2031	2Q	2033	4Q	2033	1Q	2029	1Q	-19Q	b
Illinois	618	2027	3Q	2027	3Q	2025	3Q	2025	1Q	2024	3Q	2022	1Q	N/C	
Illinois	708	2023	4Q	2021	1Q	2020	3Q	2019	4Q	2019	1Q	2017	3Q	11Q	a
Illinois	224/847	2047	4Q	2040	2Q	2037	4Q	2034	1Q	2031	4Q	2029	1Q	30Q	a
Illinois	312/773/872					2043	2Q	2041	1Q	2037	1Q	2033	4Q		k
Illinois	331/630														k
Illinois	779/815														k
Indiana	219														k
Indiana	260														k
Indiana	574														k
Indiana	765	2044	2Q					2042	4Q	2041	1Q	2032	2Q		b
Indiana	317/463														k
Indiana	812/930														k
Iowa	319	2048	4Q												b
Iowa	515	2042	2Q	2041	1Q					2044	3Q	2035	2Q	5Q	a
Iowa	563	2043	1Q	2038	4Q	2035	3Q	2037	3Q	2037	1Q			17Q	a
Iowa	641	2043	2Q												b

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2018.2 to 2019.1	
Iowa	712	2037	4Q	2045	4Q									-32Q	b
Kansas	316			2041	3Q	2037	2Q	2031	2Q	2028	1Q	2022	2Q		k
Kansas	620	2046	1Q	2042	3Q	2039	3Q	2035	1Q			2026	3Q	14Q	a
Kansas	785	2037	2Q	2034	4Q							2028	2Q	10Q	a
Kansas	913	2047	3Q	2046	4Q	2045	2Q	2045	3Q	2042	2Q	2030	4Q	3Q	a
Kentucky	502	2041	2Q	2038	1Q	2034	2Q	2030	4Q	2032	3Q	2030	3Q	13Q	a
Kentucky	606			2045	2Q	2044	3Q	2046	2Q	2041	1Q	2043	2Q	36Q	k
Kentucky	859											2039	1Q		k
Kentucky	270/364														k
Louisiana	225														k
Louisiana	318	2032	3Q	2029	4Q	2029	1Q	2028	2Q	2027	1Q	2026	3Q	11Q	a
Louisiana	337														k
Louisiana	504					2045	4Q								k
Louisiana	985														k
Maine	207	2026	2Q	2027	4Q	2027	4Q	2031	4Q	2030	4Q	2023	4Q	-6Q	b
Maryland	240/301	2024	3Q	2024	1Q	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2Q	a
Maryland	410/443/667	2037	4Q												b
Massachusetts	413											2046	3Q		k
Massachusetts	339/781														k
Massachusetts	351/978														k
Massachusetts	508/774	2046	3Q	2045	3Q	2043	2Q	2039	3Q	2036	4Q	2032	3Q	4Q	a
Massachusetts	617/857	2048	1Q	2041	3Q	2038	1Q	2042	2Q	2040	1Q	2040	2Q	26Q	a
Michigan	231									2045	1Q	2037	1Q		k
Michigan	269											2037	4Q		k
Michigan	313	2032	2Q	2031	4Q	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2Q	a
Michigan	517											2029	3Q		k
Michigan	586	2045	3Q	2037	4Q	2032	2Q	2028	2Q	2026	1Q	2023	2Q	31Q	a
Michigan	616	2048	2Q									2033	1Q		b
Michigan	734	2035	3Q	2036	4Q	2042	2Q	2034	2Q	2033	4Q	2023	4Q	-5Q	b
Michigan	810														k
Michigan	906														k
Michigan	989	2035	2Q	2036	1Q	2039	3Q	2042	4Q	2037	4Q	2023	4Q	-3Q	b
Michigan	248/947														k
Minnesota	218											2028	2Q		k
Minnesota	320														k

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Minnesota	507	2033	1Q	2032	1Q	2032	2Q	2032	1Q	2036	1Q	2026	4Q	4Q	a
Minnesota	612	2037	2Q	2038	2Q	2036	1Q	2037	3Q	2036	2Q	2029	1Q	-4Q	b
Minnesota	651											2036	2Q		k
Minnesota	763														k
Minnesota	952														k
Mississippi	228							2045	4Q						k
Mississippi	662	2044	1Q	2039	1Q	2034	4Q					2040	3Q	20Q	a
Mississippi	601/769														k
Missouri	314	2024	2Q	2025	4Q	2024	2Q	2023	2Q	2021	4Q	2020	2Q	-6Q	b
Missouri	417	2031	3Q	2033	4Q	2035	1Q	2034	2Q	2036	4Q	2027	3Q	-9Q	b
Missouri	573	2027	1Q	2026	3Q	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2Q	a
Missouri	636														k
Missouri	660							2037	4Q	2036	4Q	2034	3Q		k
Missouri	816	2026	2Q	2025	3Q	2025	3Q	2026	1Q	2025	2Q	2022	1Q	3Q	a
Montana	406	2029	2Q	2029	2Q	2029	3Q	2031	3Q	2034	4Q	2022	4Q	N/C	
Nebraska	308							2046	1Q	2038	1Q	2023	2Q		k
Nebraska	402/531														k
Nevada	775														k
Nevada	702/725							2045	4Q	2044	4Q	2043	1Q		k
New Hampshire	603	2030	1Q	2034	4Q	2031	3Q	2033	3Q	2034	1Q	2029	1Q	-19Q	b
New Jersey	856	2048	2Q					2045	4Q	2043	4Q	2035	1Q		b
New Jersey	908	2038	1Q	2039	3Q	2046	3Q					2031	2Q	-6Q	b
New Jersey	201/551	2042	2Q	2047	2Q									-20Q	b
New Jersey	609/640							2018	3Q	2018	3Q	2018	3Q		k
New Jersey	732/848														k
New Jersey	862/973														k
New Mexico	505	2043	3Q	2040	3Q	2039	2Q	2034	4Q	2032	3Q	2027	2Q	12Q	a
New Mexico	575			2048	1Q										k
New York	516	2025	2Q	2024	3Q	2023	4Q	2024	3Q	2024	1Q	2022	2Q	3Q	a
New York	585	2036	1Q	2046	3Q	2045	1Q	2037	4Q	2038	3Q	2034	4Q	-42Q	b
New York	607														k
New York	716	2029	1Q	2025	2Q	2025	2Q	2025	1Q	2023	3Q	2022	2Q	15Q	a
New York	845	2025	2Q	2028	1Q	2027	2Q	2025	3Q	2025	1Q	2022	2Q	-11Q	b
New York	914	2040	2Q	2039	3Q	2044	4Q	2044	4Q	2040	4Q	2029	2Q	3Q	a
New York	917														e

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
New York	212/646/332					2047	4Q					2017	2Q		k
New York	315/680											2017	2Q		k
New York	347/718/929	2028	2Q	2029	3Q	2028	4Q	2027	2Q	2026	2Q	2023	2Q	-5Q	b
New York	518/838	2045	1Q			2047	4Q					2017	3Q		b
New York	631/934														k
North Carolina	252											2038	2Q		k
North Carolina	828	2037	4Q	2036	1Q	2036	2Q	2040	3Q	2042	2Q	2042	2Q	7Q	a
North Carolina	910	2024	1Q	2024	1Q	2024	1Q	2022	2Q	2023	1Q	2021	2Q	N/C	
North Carolina	336/743														k
North Carolina	704/980	2045	2Q	2042	2Q	2042	1Q	2038	3Q	2039	3Q	2033	2Q	12Q	a
North Carolina	919/984														k
North Dakota	701	2032	3Q	2031	2Q	2030	4Q	2032	3Q	2035	4Q	2023	2Q	5Q	a
Ohio	216							2044	1Q	2040	4Q	2032	4Q		k
Ohio	440	2026	4Q	2024	3Q	2023	4Q	2023	2Q	2023	3Q	2020	2Q	9Q	a
Ohio	513	2023	4Q	2024	4Q	2024	1Q	2024	3Q	2023	2Q	2019	1Q	-4Q	b
Ohio	937	2021	2Q	2020	3Q	2020	3Q	2020	3Q	2020	3Q	2019	4Q	3Q	a
Ohio	220/740														k
Ohio	234/330											2035	1Q		k
Ohio	380/614														k
Ohio	419/567											2037	2Q		k
Oklahoma	405	2021	4Q	2021	4Q	2021	2Q	2021	2Q	2021	1Q	2020	2Q	N/C	
Oklahoma	580	2033	1Q	2030	4Q	2027	3Q	2029	3Q	2030	1Q	2024	3Q	9Q	a
Oklahoma	539/918			2046	2Q	2042	4Q								k
Oregon	458/541											2041	4Q		k
Oregon	503/971	2048	3Q									2037	2Q		b
Pennsylvania	814	2022	2Q	2021	2Q	2021	2Q	2021	3Q	2021	2Q	2021	3Q	4Q	a
Pennsylvania	215/267/445			2046	4Q	2045	2Q	2019	2Q	2018	2Q	2018	2Q		k
Pennsylvania	223/717											2017	3Q		k
Pennsylvania	272/570														k
Pennsylvania	412/724/878														k
Pennsylvania	484/610	2022	4Q	2022	3Q	2021	4Q	2021	2Q	2021	2Q	2020	1Q	1Q	a
Puerto Rico	787/939	2040	2Q	2038	3Q							2042	4Q	7Q	a
Rhode Island	401														k
South Carolina	803	2020	4Q	2020	2Q	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2Q	a
South Carolina	864	2026	3Q	2028	3Q	2027	2Q	2029	1Q	2031	1Q	2027	3Q	-8Q	b

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
South Carolina	843/854														k
South Dakota	605	2031	3Q	2031	4Q	2030	2Q	2031	1Q	2036	3Q	2027	4Q	-1Q	b
Tennessee	423	2028	2Q	2028	1Q	2030	1Q	2027	1Q	2029	4Q	2026	4Q	1Q	a
Tennessee	731	2049	2Q	2041	3Q	2037	2Q	2034	3Q	2036	3Q			31Q	a
Tennessee	865														k
Tennessee	901	2042	2Q	2043	1Q	2038	1Q	2032	2Q	2037	3Q	2035	3Q	-3Q	b
Tennessee	931					2045	2Q	2040	4Q						k
Tennessee	615/629														k
Texas	254			2048	4Q	2043	2Q	2040	4Q	2041	2Q	2040	1Q		k
Texas	325														k
Texas	361														k
Texas	409														k
Texas	432														k
Texas	806	2025	1Q	2023	1Q	2021	4Q	2028	1Q	2031	4Q	2030	3Q	8Q	a
Texas	830														k
Texas	915														k
Texas	936														k
Texas	940														k
Texas	956	2036	1Q	2033	3Q	2031	1Q	2026	4Q	2027	1Q	2025	1Q	10Q	a
Texas	979														k
Texas	210/726											2017	4Q		k
Texas	214/469/972	2021	2Q	2021	3Q	2021	3Q	2021	3Q	2020	3Q	2020	1Q	-1Q	b
Texas	281/346/713/832	2028	2Q	2027	4Q	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2Q	a
Texas	430/903											2042	1Q		k
Texas	512/737	2048	2Q									2040	4Q		b
Texas	682/817	2047	2Q					2045	3Q	2042	4Q	2039	1Q		b
Utah	435														k
Utah	385/801	2041	1Q	2043	2Q	2040	3Q	2039	4Q	2039	3Q	2037	2Q	-9Q	b
Vermont	802														k
Virgin Islands	340														k
Virginia	276														k
Virginia	434														k
Virginia	540	2022	2Q	2022	2Q	2024	2Q	2026	4Q	2031	2Q	2024	1Q	N/C	
Virginia	757	2021	4Q	2021	4Q	2023	1Q	2023	2Q	2023	3Q	2023	1Q	N/C	
Virginia	804	2025	2Q	2025	4Q	2027	2Q	2027	1Q	2026	1Q	2029	3Q	-2Q	b

Based on NRUF and CO Code Data as of 3/01/2019

2019-1 NRUF and NPA Exhaust Analysis

April 2019

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2019.1 FCST		2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		Change 2018.2 to 2019.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Virginia	571/703	2036	3Q	2038	2Q	2039	1Q	2046	1Q	2042	4Q	2036	3Q	-7Q	b
Washington	206	2027	1Q	2028	1Q	2025	4Q	2025	2Q	2024	4Q	2024	1Q	-4Q	b
Washington	253														k
Washington	425	2046	3Q			2047	1Q	2045	1Q	2041	3Q	2032	2Q		b
Washington	509	2027	1Q	2029	1Q	2028	4Q	2031	1Q	2029	2Q	2024	4Q	-8Q	b
Washington	360/564											2017	4Q		k
West Virginia	304/681	2039	3Q									2034	3Q		b
Wisconsin	262	2044	3Q	2048	4Q			2045	1Q					-17Q	b
Wisconsin	414											2039	3Q		k
Wisconsin	608	2027	4Q	2027	4Q	2026	2Q	2031	3Q	2031	3Q	2029	4Q	N/C	
Wisconsin	920	2028	2Q	2031	3Q	2030	1Q	2032	2Q	2032	1Q	2025	2Q	-13Q	b
Wisconsin	534/715														k
Wyoming	307														k

Notes

- a. Reduced historical and projected demand.
- b. Increased historical and projected demand.
- c. Forecast based upon information provided by the Canadian Numbering Authority (CNA). The CNA normally provides only one projection per year. Change is from last forecast provided.
- d. Canadian NPA. With an exhaust date beyond 2038, there is generally no exhaust date provided.
- e. NPA is at exhaust. No codes available except for returns.
- f. New NPA added.
- g. Area Code 321A includes only Brevard County Florida; 321/407 includes the Counties around Orlando in Central Florida.
- i. Reflects Delta NRUF forecast.
- k. NPA Exhaust is beyond 30 years or the NPA exhaust moves to less than 30 years.