

2018-2 NRUF and NPA Exhaust Analysis

October 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
New Jersey	201/551	2047	2Q											-15Q	b
District of Columbia	202	2022	4Q	2022	4Q	2022	4Q	2021	1Q	2020	2Q	2020	4Q	N/C	
Connecticut	203/475							2045	1Q	2043	2Q				k
Canada	204/431	2026	1Q	2026	1Q			2023	3Q			2027	4Q	N/C	
Alabama	205	2020	1Q	2020	4Q	2021	4Q	2022	2Q	2023	1Q	2025	4Q	-3Q	b,i
Washington	206	2028	1Q	2025	4Q	2025	2Q	2024	4Q	2024	1Q	2027	3Q	9Q	a
Maine	207	2027	4Q	2027	4Q	2031	4Q	2030	4Q	2023	4Q	2024	2Q	N/C	
Idaho	208/986									2018	4Q	2019	1Q		k
California	209	2025	2Q	2024	2Q	2022	3Q	2022	1Q	2020	2Q	2020	4Q	4Q	a
Texas	210/726									2017	4Q	2018	1Q		k
New York	212/646/332			2047	4Q					2017	2Q	2017	4Q		k
California	213/323	2029	2Q	2028	1Q	2027	2Q			2038	1Q	2042	3Q	5Q	a
Texas	214/469/972	2021	3Q	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2020	1Q	N/C	
Pennsylvania	215/267/445	2046	4Q	2045	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	6Q	a
Ohio	216					2044	1Q	2040	4Q	2032	4Q	2033	2Q		k
Illinois	217	2021	3Q	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2020	4Q	2Q	a
Minnesota	218									2028	2Q	2028	2Q		k
Indiana	219														k
Ohio	220/740														k
Pennsylvania	223/717									2017	3Q	2018	2Q		k
Illinois	224/847	2040	2Q	2037	4Q	2034	1Q	2031	4Q	2029	1Q	2028	1Q	10Q	a
Louisiana	225														k
Canada	226/519/548	2029	1Q	2029	1Q			2026	4Q			2027	2Q	N/C	c
Mississippi	228					2045	4Q								k
Georgia	229														k
Michigan	231							2045	1Q	2037	1Q	2037	1Q		k
Ohio	234/330									2035	1Q	2037	1Q		k
Canada	236/250/604/778	2020	1Q	2020	3Q			2020	2Q	2021	1Q	2030	4Q	-2Q	c
Florida	239														k
Maryland	240/301	2024	1Q	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2023	1Q	-2Q	b
Michigan	248/947														k
Canada	249/705	2026	2Q	2026	2Q			2024	3Q			2025	2Q	N/C	c
Alabama	251														k
North Carolina	252									2038	2Q	2035	4Q		k

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Washington	253														k
Texas	254	2048	4Q	2043	2Q	2040	4Q	2041	2Q	2040	1Q	2042	4Q	22Q	a
Alabama	256/938														k
Indiana	260														k
Wisconsin	262	2048	4Q			2045	1Q							-14Q	b
Michigan	269									2037	4Q	2037	2Q		k
Kentucky	270/364														k
Pennsylvania	272/570											2041	3Q		k
Virginia	276														k
California	279/916					2019	2Q								k
Texas	281/346/713/832	2027	4Q	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2023	1Q	2Q	a
Canada	289/365/905	2021	4Q	2022	4Q			2023	3Q			2034	2Q	-4Q	c
Delaware	302	2047	2Q							2038	2Q	2038	1Q	-85Q	b
Colorado	303/720	2023	4Q	2023	1Q	2023	1Q	2022	2Q	2021	1Q	2021	1Q	3Q	a
West Virginia	304/681									2034	3Q	2032	2Q		k
Florida	305/786	2024	1Q	2024	1Q	2022	3Q	2021	2Q	2021	1Q	2021	3Q	N/C	
Canada	306/639	2022	3Q	2022	2Q			2022	3Q			2027	2Q	1Q	c
Wyoming	307														k
Nebraska	308					2046	1Q	2038	1Q	2023	2Q	2026	3Q	54Q	k
Illinois	309	2031	2Q	2031	2Q	2033	4Q	2033	1Q	2029	1Q	2029	3Q	N/C	
California	310/424	2042	4Q	2041	4Q	2036	3Q	2034	3Q	2028	3Q	2029	1Q	4Q	a
Illinois	312/773/872			2043	2Q	2041	1Q	2037	1Q	2033	4Q	2032	2Q		k
Michigan	313	2031	4Q	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2021	1Q	7Q	a
Missouri	314	2025	4Q	2024	2Q	2023	2Q	2021	4Q	2020	2Q	2020	4Q	6Q	a
New York	315/680									2017	2Q	2017	2Q		k
Kansas	316	2041	3Q	2037	2Q	2031	2Q	2028	1Q	2022	2Q	2024	3Q	17Q	a
Indiana	317/463											2016	4Q		k
Louisiana	318	2029	4Q	2029	1Q	2028	2Q	2027	1Q	2026	3Q	2031	3Q	3Q	a
Iowa	319														k
Minnesota	320														k
Florida	321/407	2019	3Q	2020	3Q	2020	2Q	2018	3Q	2018	2Q	2018	4Q	-4Q	b,i
Florida	321A														g, k
Texas	325														k
Illinois	331/630														k

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Alabama	334	2038	4Q	2034	4Q	2040	2Q			2037	2Q	2036	4Q	16Q	a
North Carolina	336/743														k
Louisiana	337														k
Massachusetts	339/781														k
Virgin Islands	340														k
Canada	343/613	2022	3Q	2024	1Q			2025	2Q			2025	4Q	-6Q	c
New York	347/718/929	2029	3Q	2028	4Q	2027	2Q	2026	2Q	2023	2Q	2022	4Q	3Q	a
Massachusetts	351/978														k
Florida	352	2038	3Q	2043	3Q	2043	4Q	2040	3Q	2037	1Q	2036	3Q	-20Q	b
Washington	360/564									2017	4Q	2018	1Q		k
Texas	361														k
Ohio	380/614														k
Utah	385/801	2043	2Q	2040	3Q	2039	4Q	2039	3Q	2037	2Q	2037	4Q	11Q	a
Florida	386														k
Rhode Island	401														k
Nebraska	402/531														k
Canada	403/587/780/825	2022	1Q	2022	3Q			2022	1Q			2031	2Q	-2Q	c
Georgia	404/470/678/770	2023	2Q	2023	2Q	2023	1Q	2024	1Q	2022	2Q	2028	3Q	N/C	
Oklahoma	405	2021	4Q	2021	2Q	2021	2Q	2021	1Q	2020	2Q	2020	4Q	2Q	a
Montana	406	2029	2Q	2029	3Q	2031	3Q	2034	4Q	2022	4Q	2023	2Q	-1Q	b
California	408/669														k
Texas	409														k
Maryland	410/443/667														k
Pennsylvania	412/724/878														k
Massachusetts	413									2046	3Q				k
Wisconsin	414									2039	3Q	2042	1Q		k
California	415/628			2046	4Q	2042	4Q	2038	2Q	2038	1Q	2040	3Q		k
Canada	416/437/647	2027	1Q	2027	1Q			2030	2Q			2027	4Q	N/C	c
Missouri	417	2033	4Q	2035	1Q	2034	2Q	2036	4Q	2027	3Q	2027	1Q	-5Q	b
Canada	418/581/367	2038	3Q	2038	3Q	2020	1Q	2020	3Q	2019	1Q	2029	2Q	N/C	c
Ohio	419/567									2037	2Q				k
Tennessee	423	2028	1Q	2030	1Q	2027	1Q	2029	4Q	2026	4Q	2027	1Q	-8Q	b
Washington	425			2047	1Q	2045	1Q	2041	3Q	2032	2Q	2040	1Q		k
Texas	430/903									2042	1Q	2043	4Q		k

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Texas	432														k
Virginia	434														k
Utah	435														k
Canada	438/514	2026	1Q	2026	1Q			2028	3Q			2027	4Q	N/C	c
Ohio	440	2024	3Q	2023	4Q	2023	2Q	2023	3Q	2020	2Q	2020	2Q	3Q	a
California	442/760			2051	4Q	2043	4Q	2042	3Q	2037	4Q	2038	1Q		k
Canada	450/579	2021	1Q	2021	2Q			2022	2Q			2023	3Q	-1Q	c
Oregon	458/541									2041	4Q	2038	3Q		k
Georgia	478														k
Arkansas	479														k
Arizona	480	2025	1Q	2024	4Q	2024	4Q	2023	3Q	2020	4Q	2021	4Q	1Q	a
Pennsylvania	484/610	2022	3Q	2021	4Q	2021	2Q	2021	2Q	2020	1Q	2020	1Q	3Q	a
Arkansas	501														k
Kentucky	502	2038	1Q	2034	2Q	2030	4Q	2032	3Q	2030	3Q	2032	1Q	15Q	a
Oregon	503/971									2037	2Q	2037	4Q		k
Louisiana	504			2045	4Q										k
New Mexico	505	2040	3Q	2039	2Q	2034	4Q	2032	3Q	2027	2Q	2027	4Q	5Q	a
Canada	506	2022	1Q	2021	4Q			2021	4Q	2020	2Q	2021	1Q	1Q	c
Minnesota	507	2032	1Q	2032	2Q	2032	1Q	2036	1Q	2026	4Q	2027	2Q	-1Q	b
Massachusetts	508/774	2045	3Q	2043	2Q	2039	3Q	2036	4Q	2032	3Q	2035	2Q	9Q	a
Washington	509	2029	1Q	2028	4Q	2031	1Q	2029	2Q	2024	4Q	2025	2Q	1Q	a
California	510	2019	4Q	2019	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2Q	a
Texas	512/737									2040	4Q	2041	1Q		k
Ohio	513	2024	4Q	2024	1Q	2024	3Q	2023	2Q	2019	1Q	2019	4Q	3Q	a
Iowa	515	2041	1Q					2044	3Q	2035	2Q	2034	4Q	-29Q	b
New York	516	2024	3Q	2023	4Q	2024	3Q	2024	1Q	2022	2Q	2022	4Q	3Q	a
Michigan	517									2029	3Q	2029	2Q		k
New York	518/838			2047	4Q					2017	3Q	2019	1Q		k
Arizona	520			2040	4Q	2038	2Q	2035	3Q	2029	4Q	2030	4Q		k
California	530	2028	3Q	2027	1Q	2026	2Q	2026	1Q	2023	1Q	2023	3Q	6Q	a
Wisconsin	534/715														k
Oklahoma	539/918	2046	2Q	2042	4Q									14Q	a
Virginia	540	2022	2Q	2024	2Q	2026	4Q	2031	2Q	2024	1Q	2024	3Q	-8Q	b
California	559	2032	2Q	2029	2Q	2026	1Q	2024	4Q	2021	2Q	2021	4Q	12Q	a

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	561	2033	3Q	2032	3Q	2029	1Q	2027	4Q	2026	4Q	2028	1Q	4Q	a
California	562	2046	4Q	2045	4Q	2039	4Q	2038	2Q	2030	2Q	2033	3Q	4Q	a
Iowa	563	2038	4Q	2035	3Q	2037	3Q	2037	1Q					13Q	a
Virginia	571/703	2038	2Q	2039	1Q	2046	1Q	2042	4Q	2036	3Q	2037	1Q	-3Q	b
Missouri	573	2026	3Q	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2022	3Q	7Q	a
Indiana	574														k
New Mexico	575	2048	1Q									2043	4Q	-10Q	b
Oklahoma	580	2030	4Q	2027	3Q	2029	3Q	2030	1Q	2024	3Q	2026	1Q	13Q	a
New York	585	2046	3Q	2045	1Q	2037	4Q	2038	3Q	2034	4Q	2036	2Q	6Q	a
Michigan	586	2037	4Q	2032	2Q	2028	2Q	2026	1Q	2023	2Q	2024	3Q	22Q	a
Mississippi	601/769														k
Arizona	602	2032	1Q	2033	1Q	2031	3Q	2030	1Q	2022	1Q	2022	4Q	-4Q	b
New Hampshire	603	2034	4Q	2031	3Q	2033	3Q	2034	1Q	2029	1Q	2032	2Q	13Q	a
South Dakota	605	2031	4Q	2030	2Q	2031	1Q	2036	3Q	2027	4Q	2027	4Q	6Q	a
Kentucky	606	2045	2Q	2044	3Q	2046	2Q	2041	1Q	2043	2Q			3Q	a
New York	607														k
Wisconsin	608	2027	4Q	2026	2Q	2031	3Q	2031	3Q	2029	4Q	2032	1Q	6Q	a
New Jersey	609/640					2018	3Q	2018	3Q	2018	3Q	2019	2Q		k
Minnesota	612	2038	2Q	2036	1Q	2037	3Q	2036	2Q	2029	1Q	2029	3Q	9Q	a
Tennessee	615/629														k
Michigan	616									2033	1Q	2032	4Q		k
Massachusetts	617/857	2041	3Q	2038	1Q	2042	2Q	2040	1Q	2040	2Q	2045	4Q	14Q	a
Illinois	618	2027	3Q	2025	3Q	2025	1Q	2024	3Q	2022	1Q	2021	3Q	8Q	a
California	619/858	2037	1Q	2036	1Q	2018	4Q	2018	4Q	2018	4Q	2019	1Q	4Q	a
Kansas	620	2042	3Q	2039	3Q	2035	1Q			2026	3Q	2026	2Q	12Q	a
Arizona	623														k
California	626	2032	4Q	2030	2Q	2029	1Q	2028	1Q	2024	3Q	2026	1Q	10Q	a
New York	631/934														k
Missouri	636														k
Iowa	641														k
California	650	2030	4Q	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2027	2Q	4Q	a
Minnesota	651									2036	2Q	2036	1Q		k
California	657/714	2042	3Q	2039	1Q	2034	1Q	2032	2Q	2028	2Q	2034	3Q	14Q	a
Missouri	660					2037	4Q	2036	4Q	2034	3Q	2034	1Q		k

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California	661	2046	1Q	2040	2Q	2035	4Q	2034	1Q	2027	4Q	2029	2Q	23Q	a
Mississippi	662	2039	1Q	2034	4Q					2040	3Q			17Q	a
CNMI	670														k
Guam	671														k
Texas	682/817					2045	3Q	2042	4Q	2039	1Q	2043	4Q		k
American Samoa	684														k
North Dakota	701	2031	2Q	2030	4Q	2032	3Q	2035	4Q	2023	2Q	2022	4Q	2Q	a
Nevada	702/725					2045	4Q	2044	4Q	2043	1Q	2044	2Q		k
North Carolina	704/980	2042	2Q	2042	1Q	2038	3Q	2039	3Q	2033	2Q	2039	2Q	1Q	a
Georgia	706/762														k
California	707	2025	3Q	2025	3Q	2025	4Q	2024	1Q	2020	2Q	2021	1Q	N/C	
Illinois	708	2021	1Q	2020	3Q	2019	4Q	2019	1Q	2017	3Q	2017	2Q	3Q	a
Canada	709	2023	1Q	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2019	2Q	-1Q	b
Iowa	712	2045	4Q											-79Q	b
New York	716	2025	2Q	2025	2Q	2025	1Q	2023	3Q	2022	2Q	2023	3Q	N/C	
Colorado	719	2047	4Q	2046	1Q	2046	1Q	2043	4Q	2029	4Q	2030	1Q	7Q	a
Florida	727	2046	3Q	2041	4Q	2037	3Q	2036	3Q	2032	2Q	2032	2Q	19Q	a
Tennessee	731	2041	3Q	2037	2Q	2034	3Q	2036	3Q					17Q	a
New Jersey	732/848														k
Michigan	734	2036	4Q	2042	2Q	2034	2Q	2033	4Q	2023	4Q	2023	4Q	-22Q	b
California	747/818							2044	2Q	2040	3Q	2039	2Q		k
Florida	754/954														k
Virginia	757	2021	4Q	2023	1Q	2023	2Q	2023	3Q	2023	1Q	2025	3Q	-5Q	b
Minnesota	763														k
Indiana	765					2042	4Q	2041	1Q	2032	2Q	2032	3Q		k
Florida	772														k
Nevada	775														k
Illinois	779/815														k
Canada	782/902	2033	1Q	2033	1Q			2029	4Q			2033	2Q	N/C	c
Kansas	785	2034	4Q							2028	2Q			-55Q	b
Puerto Rico	787/939	2038	3Q							2042	4Q			-24Q	b
Vermont	802														k
South Carolina	803	2020	2Q	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2021	4Q	-2Q	b
Virginia	804	2025	4Q	2027	2Q	2027	1Q	2026	1Q	2029	3Q	2031	3Q	-6Q	b

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California	805/820					2018	2Q	2018	2Q	2017	4Q	2018	2Q		k
Texas	806	2023	1Q	2021	4Q	2028	1Q	2031	4Q	2030	3Q	2031	1Q	5Q	a
Canada	807														d
Hawaii	808	2040	1Q	2036	2Q	2032	4Q	2030	1Q	2028	2Q	2028	4Q	15Q	a
Michigan	810											2044	3Q		k
Indiana	812/930														k
Florida	813	2022	4Q	2021	4Q	2021	4Q	2022	1Q	2021	1Q	2021	3Q	4Q	a
Pennsylvania	814	2021	2Q	2021	2Q	2021	3Q	2021	2Q	2021	3Q	2022	3Q	N/C	
Missouri	816	2025	3Q	2025	3Q	2026	1Q	2025	2Q	2022	1Q	2022	3Q	N/C	
Canada	819/873	2026	4Q	2026	4Q			2023	3Q			2025	2Q	N/C	c
North Carolina	828	2036	1Q	2036	2Q	2040	3Q	2042	2Q	2042	2Q			-1Q	b
Texas	830														k
California	831														k
South Carolina	843/854														k
New York	845	2028	1Q	2027	2Q	2025	3Q	2025	1Q	2022	2Q	2024	3Q	3Q	a
Florida	850	2022	1Q	2027	2Q	2030	1Q	2029	2Q	2024	2Q	2030	4Q	-19Q	b
New Jersey	856					2045	4Q	2043	4Q	2035	1Q	2038	2Q		k
Kentucky	859									2039	1Q	2039	1Q		k
Connecticut	860/959														k
New Jersey	862/973														k
Florida	863														k
South Carolina	864	2028	3Q	2027	2Q	2029	1Q	2031	1Q	2027	3Q	2030	4Q	5Q	a
Tennessee	865														k
Canada	867	2039	2Q	2039	2Q			2036	3Q					N/C	c
Arkansas	870	2023	3Q	2023	3Q	2023	1Q	2023	1Q	2022	2Q	2020	4Q	N/C	
Tennessee	901	2043	1Q	2038	1Q	2032	2Q	2037	3Q	2035	3Q	2036	1Q	20Q	a
Florida	904	2031	2Q	2030	1Q	2027	2Q	2027	1Q	2027	2Q	2029	4Q	5Q	a
Michigan	906											2041	3Q		k
Alaska	907			2045	4Q					2031	1Q	2029	4Q		k
New Jersey	908	2039	3Q	2046	3Q					2031	2Q	2031	3Q	-28Q	b
California	909	2021	3Q	2020	3Q	2020	1Q	2019	1Q	2019	1Q	2019	3Q	4Q	a,i
North Carolina	910	2024	1Q	2024	1Q	2022	2Q	2023	1Q	2021	2Q	2024	1Q	N/C	
Georgia	912			2046	2Q	2041	2Q	2045	2Q	2040	3Q	2038	3Q		k
Kansas	913	2046	4Q	2045	2Q	2045	3Q	2042	2Q	2030	4Q	2033	4Q	6Q	a

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NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
New York	914	2039	3Q	2044	4Q	2044	4Q	2040	4Q	2029	2Q	2029	4Q	-21Q	b
Texas	915														k
New York	917														e
North Carolina	919/984														k
Wisconsin	920	2031	3Q	2030	1Q	2032	2Q	2032	1Q	2025	2Q	2025	3Q	6Q	a
California	925									2037	2Q	2037	4Q		k
Arizona	928														k
Tennessee	931			2045	2Q	2040	4Q								k
Texas	936														k
Ohio	937	2020	3Q	2020	3Q	2020	3Q	2020	3Q	2019	4Q	2020	3Q	N/C	
Texas	940														k
Florida	941														k
California	949	2032	1Q	2031	1Q	2029	3Q	2027	3Q	2025	3Q	2026	3Q	4Q	a
California	951	2036	2Q	2035	2Q	2031	1Q	2028	3Q	2026	3Q	2028	1Q	4Q	a
Minnesota	952											2041	3Q		k
Texas	956	2033	3Q	2031	1Q	2026	4Q	2027	1Q	2025	1Q	2026	3Q	10Q	a
Colorado	970	2032	1Q	2030	1Q	2027	1Q	2026	1Q	2021	3Q	2021	4Q	8Q	a
Texas	979														k
Louisiana	985														k
Michigan	989	2036	1Q	2039	3Q	2042	4Q	2037	4Q	2023	4Q	2025	2Q	-14Q	b

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NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Alabama	205	2020	1Q	2020	4Q	2021	4Q	2022	2Q	2023	1Q	2025	4Q	-3Q	b
Alabama	251														k
Alabama	334	2038	4Q	2034	4Q	2040	2Q			2037	2Q	2036	4Q	16Q	a
Alabama	256/938														k
Alaska	907			2045	4Q					2031	1Q	2029	4Q		k
American Samoa	684														k
Arizona	480	2025	1Q	2024	4Q	2024	4Q	2023	3Q	2020	4Q	2021	4Q	1Q	a
Arizona	520			2040	4Q	2038	2Q	2035	3Q	2029	4Q	2030	4Q		k
Arizona	602	2032	1Q	2033	1Q	2031	3Q	2030	1Q	2022	1Q	2022	4Q	-4Q	b
Arizona	623														k
Arizona	928														k
Arkansas	479														k
Arkansas	501														k
Arkansas	870	2023	3Q	2023	3Q	2023	1Q	2023	1Q	2022	2Q	2020	4Q	N/C	
California	209	2025	2Q	2024	2Q	2022	3Q	2022	1Q	2020	2Q	2020	4Q	4Q	a
California	510	2019	4Q	2019	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2Q	a
California	530	2028	3Q	2027	1Q	2026	2Q	2026	1Q	2023	1Q	2023	3Q	6Q	a
California	559	2032	2Q	2029	2Q	2026	1Q	2024	4Q	2021	2Q	2021	4Q	12Q	a
California	562	2046	4Q	2045	4Q	2039	4Q	2038	2Q	2030	2Q	2033	3Q	4Q	a
California	626	2032	4Q	2030	2Q	2029	1Q	2028	1Q	2024	3Q	2026	1Q	10Q	a
California	650	2030	4Q	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2027	2Q	4Q	a
California	661	2046	1Q	2040	2Q	2035	4Q	2034	1Q	2027	4Q	2029	2Q	23Q	a
California	707	2025	3Q	2025	3Q	2025	4Q	2024	1Q	2020	2Q	2021	1Q	N/C	
California	831														k
California	909	2021	3Q	2020	3Q	2020	1Q	2019	1Q	2019	1Q	2019	3Q	4Q	a,i
California	925									2037	2Q	2037	4Q		k
California	949	2032	1Q	2031	1Q	2029	3Q	2027	3Q	2025	3Q	2026	3Q	4Q	a
California	951	2036	2Q	2035	2Q	2031	1Q	2028	3Q	2026	3Q	2028	1Q	4Q	a
California	213/323	2029	2Q	2028	1Q	2027	2Q			2038	1Q	2042	3Q	5Q	a
California	279/916					2019	2Q								k
California	310/424	2042	4Q	2041	4Q	2036	3Q	2034	3Q	2028	3Q	2029	1Q	4Q	a
California	408/669														k
California	415/628			2046	4Q	2042	4Q	2038	2Q	2038	1Q	2040	3Q		k
California	442/760			2051	4Q	2043	4Q	2042	3Q	2037	4Q	2038	1Q		k

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NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
California	619/858	2037	1Q	2036	1Q	2018	4Q	2018	4Q	2018	4Q	2019	1Q	4Q	a
California	657/714	2042	3Q	2039	1Q	2034	1Q	2032	2Q	2028	2Q	2034	3Q	14Q	a
California	747/818							2044	2Q	2040	3Q	2039	2Q		k
California	805/820					2018	2Q	2018	2Q	2017	4Q	2018	2Q		k
Canada	506	2022	1Q	2021	4Q			2021	4Q	2020	2Q	2021	1Q	1Q	c
Canada	709	2023	1Q	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2019	2Q	-1Q	b
Canada	807														d
Canada	867	2039	2Q	2039	2Q			2036	3Q					N/C	c
Canada	204/431	2026	1Q	2026	1Q			2023	3Q			2027	4Q	N/C	
Canada	226/519/548	2029	1Q	2029	1Q			2026	4Q			2027	2Q	N/C	c
Canada	236/250/604/778	2020	1Q	2020	3Q			2020	2Q	2021	1Q	2030	4Q	-2Q	c
Canada	249/705	2026	2Q	2026	2Q			2024	3Q			2025	2Q	N/C	c
Canada	289/365/905	2021	4Q	2022	4Q			2023	3Q			2034	2Q	-4Q	c
Canada	306/639	2022	3Q	2022	2Q			2022	3Q			2027	2Q	1Q	c
Canada	343/613	2022	3Q	2024	1Q			2025	2Q			2025	4Q	-6Q	c
Canada	403/587/780/825	2022	1Q	2022	3Q			2022	1Q			2031	2Q	-2Q	c
Canada	416/437/647	2027	1Q	2027	1Q			2030	2Q			2027	4Q	N/C	c
Canada	418/581/367	2038	3Q	2038	3Q	2020	1Q	2020	3Q	2019	1Q	2029	2Q	N/C	c
Canada	438/514	2026	1Q	2026	1Q			2028	3Q			2027	4Q	N/C	c
Canada	450/579	2021	1Q	2021	2Q			2022	2Q			2023	3Q	-1Q	c
Canada	782/902	2033	1Q	2033	1Q			2029	4Q			2033	2Q	N/C	c
Canada	819/873	2026	4Q	2026	4Q			2023	3Q			2025	2Q	N/C	c
CNMI	670														k
Colorado	719	2047	4Q	2046	1Q	2046	1Q	2043	4Q	2029	4Q	2030	1Q	7Q	a
Colorado	970	2032	1Q	2030	1Q	2027	1Q	2026	1Q	2021	3Q	2021	4Q	8Q	a
Colorado	303/720	2023	4Q	2023	1Q	2023	1Q	2022	2Q	2021	1Q	2021	1Q	3Q	a
Connecticut	203/475							2045	1Q	2043	2Q				k
Connecticut	860/959														k
Delaware	302	2047	2Q							2038	2Q	2038	1Q	-85Q	b
District of Columbia	202	2022	4Q	2022	4Q	2022	4Q	2021	1Q	2020	2Q	2020	4Q	N/C	
Florida	239														k
Florida	352	2038	3Q	2043	3Q	2043	4Q	2040	3Q	2037	1Q	2036	3Q	-20Q	b
Florida	386														k
Florida	561	2033	3Q	2032	3Q	2029	1Q	2027	4Q	2026	4Q	2028	1Q	4Q	a

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LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	727	2046	3Q	2041	4Q	2037	3Q	2036	3Q	2032	2Q	2032	2Q	19Q	a
Florida	772														k
Florida	813	2022	4Q	2021	4Q	2021	4Q	2022	1Q	2021	1Q	2021	3Q	4Q	a
Florida	850	2022	1Q	2027	2Q	2030	1Q	2029	2Q	2024	2Q	2030	4Q	-19Q	b
Florida	863														k
Florida	904	2031	2Q	2030	1Q	2027	2Q	2027	1Q	2027	2Q	2029	4Q	5Q	a
Florida	941														k
Florida	305/786	2024	1Q	2024	1Q	2022	3Q	2021	2Q	2021	1Q	2021	3Q	N/C	
Florida	321/407	2019	3Q	2020	3Q	2020	2Q	2018	3Q	2018	2Q	2018	4Q	-4Q	b,i
Florida	321A														g, k
Florida	754/954														k
Georgia	229														k
Georgia	478														k
Georgia	912			2046	2Q	2041	2Q	2045	2Q	2040	3Q	2038	3Q		k
Georgia	404/470/678/770	2023	2Q	2023	2Q	2023	1Q	2024	1Q	2022	2Q	2028	3Q	N/C	
Georgia	706/762														k
Guam	671														k
Hawaii	808	2040	1Q	2036	2Q	2032	4Q	2030	1Q	2028	2Q	2028	4Q	15Q	a
Idaho	208/986									2018	4Q	2019	1Q		k
Illinois	217	2021	3Q	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2020	4Q	2Q	a
Illinois	309	2031	2Q	2031	2Q	2033	4Q	2033	1Q	2029	1Q	2029	3Q	N/C	
Illinois	618	2027	3Q	2025	3Q	2025	1Q	2024	3Q	2022	1Q	2021	3Q	8Q	a
Illinois	708	2021	1Q	2020	3Q	2019	4Q	2019	1Q	2017	3Q	2017	2Q	3Q	a
Illinois	224/847	2040	2Q	2037	4Q	2034	1Q	2031	4Q	2029	1Q	2028	1Q	10Q	a
Illinois	312/773/872			2043	2Q	2041	1Q	2037	1Q	2033	4Q	2032	2Q		k
Illinois	331/630														k
Illinois	779/815														k
Indiana	219														k
Indiana	260														k
Indiana	574														k
Indiana	765					2042	4Q	2041	1Q	2032	2Q	2032	3Q		k
Indiana	317/463											2016	4Q		k
Indiana	812/930														k
Iowa	319														k

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NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Iowa	515	2041	1Q					2044	3Q	2035	2Q	2034	4Q	-29Q	b
Iowa	563	2038	4Q	2035	3Q	2037	3Q	2037	1Q					13Q	a
Iowa	641														k
Iowa	712	2045	4Q											-79Q	b
Kansas	316	2041	3Q	2037	2Q	2031	2Q	2028	1Q	2022	2Q	2024	3Q	17Q	a
Kansas	620	2042	3Q	2039	3Q	2035	1Q			2026	3Q	2026	2Q	12Q	a
Kansas	785	2034	4Q							2028	2Q			-55Q	b
Kansas	913	2046	4Q	2045	2Q	2045	3Q	2042	2Q	2030	4Q	2033	4Q	6Q	a
Kentucky	502	2038	1Q	2034	2Q	2030	4Q	2032	3Q	2030	3Q	2032	1Q	15Q	a
Kentucky	606	2045	2Q	2044	3Q	2046	2Q	2041	1Q	2043	2Q			3Q	a
Kentucky	859									2039	1Q	2039	1Q		k
Kentucky	270/364														k
Louisiana	225														k
Louisiana	318	2029	4Q	2029	1Q	2028	2Q	2027	1Q	2026	3Q	2031	3Q	3Q	a
Louisiana	337														k
Louisiana	504			2045	4Q										k
Louisiana	985														k
Maine	207	2027	4Q	2027	4Q	2031	4Q	2030	4Q	2023	4Q	2024	2Q	N/C	
Maryland	240/301	2024	1Q	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2023	1Q	-2Q	b
Maryland	410/443/667														k
Massachusetts	413									2046	3Q				k
Massachusetts	339/781														k
Massachusetts	351/978														k
Massachusetts	508/774	2045	3Q	2043	2Q	2039	3Q	2036	4Q	2032	3Q	2035	2Q	9Q	a
Massachusetts	617/857	2041	3Q	2038	1Q	2042	2Q	2040	1Q	2040	2Q	2045	4Q	14Q	a
Michigan	231							2045	1Q	2037	1Q	2037	1Q		k
Michigan	269									2037	4Q	2037	2Q		k
Michigan	313	2031	4Q	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2021	1Q	7Q	a
Michigan	517									2029	3Q	2029	2Q		k
Michigan	586	2037	4Q	2032	2Q	2028	2Q	2026	1Q	2023	2Q	2024	3Q	22Q	a
Michigan	616									2033	1Q	2032	4Q		k
Michigan	734	2036	4Q	2042	2Q	2034	2Q	2033	4Q	2023	4Q	2023	4Q	-22Q	b
Michigan	810											2044	3Q		k
Michigan	906											2041	3Q		k

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NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Michigan	989	2036	1Q	2039	3Q	2042	4Q	2037	4Q	2023	4Q	2025	2Q	-14Q	b
Michigan	248/947														k
Minnesota	218									2028	2Q	2028	2Q		k
Minnesota	320														k
Minnesota	507	2032	1Q	2032	2Q	2032	1Q	2036	1Q	2026	4Q	2027	2Q	-1Q	b
Minnesota	612	2038	2Q	2036	1Q	2037	3Q	2036	2Q	2029	1Q	2029	3Q	9Q	a
Minnesota	651									2036	2Q	2036	1Q		k
Minnesota	763														k
Minnesota	952											2041	3Q		k
Mississippi	228					2045	4Q								k
Mississippi	662	2039	1Q	2034	4Q					2040	3Q			17Q	a
Mississippi	601/769														k
Missouri	314	2025	4Q	2024	2Q	2023	2Q	2021	4Q	2020	2Q	2020	4Q	6Q	a
Missouri	417	2033	4Q	2035	1Q	2034	2Q	2036	4Q	2027	3Q	2027	1Q	-5Q	b
Missouri	573	2026	3Q	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2022	3Q	7Q	a
Missouri	636														k
Missouri	660					2037	4Q	2036	4Q	2034	3Q	2034	1Q		k
Missouri	816	2025	3Q	2025	3Q	2026	1Q	2025	2Q	2022	1Q	2022	3Q	N/C	
Montana	406	2029	2Q	2029	3Q	2031	3Q	2034	4Q	2022	4Q	2023	2Q	-1Q	b
Nebraska	308					2046	1Q	2038	1Q	2023	2Q	2026	3Q	54Q	k
Nebraska	402/531														k
Nevada	775														k
Nevada	702/725					2045	4Q	2044	4Q	2043	1Q	2044	2Q		k
New Hampshire	603	2034	4Q	2031	3Q	2033	3Q	2034	1Q	2029	1Q	2032	2Q	13Q	a
New Jersey	856					2045	4Q	2043	4Q	2035	1Q	2038	2Q		k
New Jersey	908	2039	3Q	2046	3Q					2031	2Q	2031	3Q	-28Q	b
New Jersey	201/551	2047	2Q											-15Q	b
New Jersey	609/640					2018	3Q	2018	3Q	2018	3Q	2019	2Q		k
New Jersey	732/848														k
New Jersey	862/973														k
New Mexico	505	2040	3Q	2039	2Q	2034	4Q	2032	3Q	2027	2Q	2027	4Q	5Q	a
New Mexico	575	2048	1Q									2043	4Q	-10Q	b
New York	516	2024	3Q	2023	4Q	2024	3Q	2024	1Q	2022	2Q	2022	4Q	3Q	a
New York	585	2046	3Q	2045	1Q	2037	4Q	2038	3Q	2034	4Q	2036	2Q	6Q	a

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NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
New York	607														k
New York	716	2025	2Q	2025	2Q	2025	1Q	2023	3Q	2022	2Q	2023	3Q	N/C	
New York	845	2028	1Q	2027	2Q	2025	3Q	2025	1Q	2022	2Q	2024	3Q	3Q	a
New York	914	2039	3Q	2044	4Q	2044	4Q	2040	4Q	2029	2Q	2029	4Q	-21Q	b
New York	917														e
New York	212/646/332			2047	4Q					2017	2Q	2017	4Q		k
New York	315/680									2017	2Q	2017	2Q		k
New York	347/718/929	2029	3Q	2028	4Q	2027	2Q	2026	2Q	2023	2Q	2022	4Q	3Q	a
New York	518/838			2047	4Q					2017	3Q	2019	1Q		k
New York	631/934														k
North Carolina	252									2038	2Q	2035	4Q		k
North Carolina	828	2036	1Q	2036	2Q	2040	3Q	2042	2Q	2042	2Q			-1Q	b
North Carolina	910	2024	1Q	2024	1Q	2022	2Q	2023	1Q	2021	2Q	2024	1Q	N/C	
North Carolina	336/743														k
North Carolina	704/980	2042	2Q	2042	1Q	2038	3Q	2039	3Q	2033	2Q	2039	2Q	1Q	a
North Carolina	919/984														k
North Dakota	701	2031	2Q	2030	4Q	2032	3Q	2035	4Q	2023	2Q	2022	4Q	2Q	a
Ohio	216					2044	1Q	2040	4Q	2032	4Q	2033	2Q		k
Ohio	440	2024	3Q	2023	4Q	2023	2Q	2023	3Q	2020	2Q	2020	2Q	3Q	a
Ohio	513	2024	4Q	2024	1Q	2024	3Q	2023	2Q	2019	1Q	2019	4Q	3Q	a
Ohio	937	2020	3Q	2020	3Q	2020	3Q	2020	3Q	2019	4Q	2020	3Q	N/C	
Ohio	220/740														k
Ohio	234/330									2035	1Q	2037	1Q		k
Ohio	380/614														k
Ohio	419/567									2037	2Q				k
Oklahoma	405	2021	4Q	2021	2Q	2021	2Q	2021	1Q	2020	2Q	2020	4Q	2Q	a
Oklahoma	580	2030	4Q	2027	3Q	2029	3Q	2030	1Q	2024	3Q	2026	1Q	13Q	a
Oklahoma	539/918	2046	2Q	2042	4Q									14Q	a
Oregon	458/541									2041	4Q	2038	3Q		k
Oregon	503/971									2037	2Q	2037	4Q		k
Pennsylvania	814	2021	2Q	2021	2Q	2021	3Q	2021	2Q	2021	3Q	2022	3Q	N/C	
Pennsylvania	215/267/445	2046	4Q	2045	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	6Q	a
Pennsylvania	223/717									2017	3Q	2018	2Q		k
Pennsylvania	272/570											2041	3Q		k

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NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Pennsylvania	412/724/878														k
Pennsylvania	484/610	2022	3Q	2021	4Q	2021	2Q	2021	2Q	2020	1Q	2020	1Q	3Q	a
Puerto Rico	787/939	2038	3Q							2042	4Q			-24Q	b
Rhode Island	401														k
South Carolina	803	2020	2Q	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2021	4Q	-2Q	b
South Carolina	864	2028	3Q	2027	2Q	2029	1Q	2031	1Q	2027	3Q	2030	4Q	5Q	a
South Carolina	843/854														k
South Dakota	605	2031	4Q	2030	2Q	2031	1Q	2036	3Q	2027	4Q	2027	4Q	6Q	a
Tennessee	423	2028	1Q	2030	1Q	2027	1Q	2029	4Q	2026	4Q	2027	1Q	-8Q	b
Tennessee	731	2041	3Q	2037	2Q	2034	3Q	2036	3Q					17Q	a
Tennessee	865														k
Tennessee	901	2043	1Q	2038	1Q	2032	2Q	2037	3Q	2035	3Q	2036	1Q	20Q	a
Tennessee	931			2045	2Q	2040	4Q								k
Tennessee	615/629														k
Texas	254	2048	4Q	2043	2Q	2040	4Q	2041	2Q	2040	1Q	2042	4Q	22Q	a
Texas	325														k
Texas	361														k
Texas	409														k
Texas	432														k
Texas	806	2023	1Q	2021	4Q	2028	1Q	2031	4Q	2030	3Q	2031	1Q	5Q	a
Texas	830														k
Texas	915														k
Texas	936														k
Texas	940														k
Texas	956	2033	3Q	2031	1Q	2026	4Q	2027	1Q	2025	1Q	2026	3Q	10Q	a
Texas	979														k
Texas	210/726									2017	4Q	2018	1Q		k
Texas	214/469/972	2021	3Q	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2020	1Q	N/C	
Texas	281/346/713/832	2027	4Q	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2023	1Q	2Q	a
Texas	430/903									2042	1Q	2043	4Q		k
Texas	512/737									2040	4Q	2041	1Q		k
Texas	682/817					2045	3Q	2042	4Q	2039	1Q	2043	4Q		k
Utah	435														k
Utah	385/801	2043	2Q	2040	3Q	2039	4Q	2039	3Q	2037	2Q	2037	4Q	11Q	a

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Vermont	802														k
Virgin Islands	340														k
Virginia	276														k
Virginia	434														k
Virginia	540	2022	2Q	2024	2Q	2026	4Q	2031	2Q	2024	1Q	2024	3Q	-8Q	b
Virginia	757	2021	4Q	2023	1Q	2023	2Q	2023	3Q	2023	1Q	2025	3Q	-5Q	b
Virginia	804	2025	4Q	2027	2Q	2027	1Q	2026	1Q	2029	3Q	2031	3Q	-6Q	b
Virginia	571/703	2038	2Q	2039	1Q	2046	1Q	2042	4Q	2036	3Q	2037	1Q	-3Q	b
Washington	206	2028	1Q	2025	4Q	2025	2Q	2024	4Q	2024	1Q	2027	3Q	9Q	a
Washington	253														k
Washington	425			2047	1Q	2045	1Q	2041	3Q	2032	2Q	2040	1Q		k
Washington	509	2029	1Q	2028	4Q	2031	1Q	2029	2Q	2024	4Q	2025	2Q	1Q	a
Washington	360/564									2017	4Q	2018	1Q		k
West Virginia	304/681									2034	3Q	2032	2Q		k
Wisconsin	262	2048	4Q			2045	1Q							-14Q	b
Wisconsin	414									2039	3Q	2042	1Q		k
Wisconsin	608	2027	4Q	2026	2Q	2031	3Q	2031	3Q	2029	4Q	2032	1Q	6Q	a
Wisconsin	920	2031	3Q	2030	1Q	2032	2Q	2032	1Q	2025	2Q	2025	3Q	6Q	a
Wisconsin	534/715														k
Wyoming	307														k

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	321/407	2019	3Q	2020	3Q	2020	2Q	2018	3Q	2018	2Q	2018	4Q	-4Q	b,i
California	510	2019	4Q	2019	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2Q	a
Alabama	205	2020	1Q	2020	4Q	2021	4Q	2022	2Q	2023	1Q	2025	4Q	-3Q	b
Canada	236/250/604/778	2020	1Q	2020	3Q			2020	2Q	2021	1Q	2030	4Q	-2Q	c
South Carolina	803	2020	2Q	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2021	4Q	-2Q	b
Ohio	937	2020	3Q	2020	3Q	2020	3Q	2020	3Q	2019	4Q	2020	3Q	N/C	
Canada	450/579	2021	1Q	2021	2Q			2022	2Q			2023	3Q	-1Q	c
Illinois	708	2021	1Q	2020	3Q	2019	4Q	2019	1Q	2017	3Q	2017	2Q	3Q	a
Pennsylvania	814	2021	2Q	2021	2Q	2021	3Q	2021	2Q	2021	3Q	2022	3Q	N/C	
California	909	2021	3Q	2020	3Q	2020	1Q	2019	1Q	2019	1Q	2019	3Q	4Q	a,i
Illinois	217	2021	3Q	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2020	4Q	2Q	a
Texas	214/469/972	2021	3Q	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2020	1Q	N/C	
Canada	289/365/905	2021	4Q	2022	4Q			2023	3Q			2034	2Q	-4Q	c
Oklahoma	405	2021	4Q	2021	2Q	2021	2Q	2021	1Q	2020	2Q	2020	4Q	2Q	a
Virginia	757	2021	4Q	2023	1Q	2023	2Q	2023	3Q	2023	1Q	2025	3Q	-5Q	b
Canada	506	2022	1Q	2021	4Q			2021	4Q	2020	2Q	2021	1Q	1Q	c
Canada	403/587/780/825	2022	1Q	2022	3Q			2022	1Q			2031	2Q	-2Q	c
Florida	850	2022	1Q	2027	2Q	2030	1Q	2029	2Q	2024	2Q	2030	4Q	-19Q	b
Virginia	540	2022	2Q	2024	2Q	2026	4Q	2031	2Q	2024	1Q	2024	3Q	-8Q	b
Canada	306/639	2022	3Q	2022	2Q			2022	3Q			2027	2Q	1Q	c
Canada	343/613	2022	3Q	2024	1Q			2025	2Q			2025	4Q	-6Q	c
Pennsylvania	484/610	2022	3Q	2021	4Q	2021	2Q	2021	2Q	2020	1Q	2020	1Q	3Q	a
District of Columbia	202	2022	4Q	2022	4Q	2022	4Q	2021	1Q	2020	2Q	2020	4Q	N/C	
Florida	813	2022	4Q	2021	4Q	2021	4Q	2022	1Q	2021	1Q	2021	3Q	4Q	a
Canada	709	2023	1Q	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2019	2Q	-1Q	b
Texas	806	2023	1Q	2021	4Q	2028	1Q	2031	4Q	2030	3Q	2031	1Q	5Q	a
Georgia	404/470/678/770	2023	2Q	2023	2Q	2023	1Q	2024	1Q	2022	2Q	2028	3Q	N/C	
Arkansas	870	2023	3Q	2023	3Q	2023	1Q	2023	1Q	2022	2Q	2020	4Q	N/C	
Colorado	303/720	2023	4Q	2023	1Q	2023	1Q	2022	2Q	2021	1Q	2021	1Q	3Q	a
Florida	305/786	2024	1Q	2024	1Q	2022	3Q	2021	2Q	2021	1Q	2021	3Q	N/C	
Maryland	240/301	2024	1Q	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2023	1Q	-2Q	b
North Carolina	910	2024	1Q	2024	1Q	2022	2Q	2023	1Q	2021	2Q	2024	1Q	N/C	
New York	516	2024	3Q	2023	4Q	2024	3Q	2024	1Q	2022	2Q	2022	4Q	3Q	a
Ohio	440	2024	3Q	2023	4Q	2023	2Q	2023	3Q	2020	2Q	2020	2Q	3Q	a

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Ohio	513	2024	4Q	2024	1Q	2024	3Q	2023	2Q	2019	1Q	2019	4Q	3Q	a
Arizona	480	2025	1Q	2024	4Q	2024	4Q	2023	3Q	2020	4Q	2021	4Q	1Q	a
California	209	2025	2Q	2024	2Q	2022	3Q	2022	1Q	2020	2Q	2020	4Q	4Q	a
New York	716	2025	2Q	2025	2Q	2025	1Q	2023	3Q	2022	2Q	2023	3Q	N/C	
California	707	2025	3Q	2025	3Q	2025	4Q	2024	1Q	2020	2Q	2021	1Q	N/C	
Missouri	816	2025	3Q	2025	3Q	2026	1Q	2025	2Q	2022	1Q	2022	3Q	N/C	
Missouri	314	2025	4Q	2024	2Q	2023	2Q	2021	4Q	2020	2Q	2020	4Q	6Q	a
Virginia	804	2025	4Q	2027	2Q	2027	1Q	2026	1Q	2029	3Q	2031	3Q	-6Q	b
Canada	204/431	2026	1Q	2026	1Q			2023	3Q			2027	4Q	N/C	
Canada	438/514	2026	1Q	2026	1Q			2028	3Q			2027	4Q	N/C	c
Canada	249/705	2026	2Q	2026	2Q			2024	3Q			2025	2Q	N/C	c
Missouri	573	2026	3Q	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2022	3Q	7Q	a
Canada	819/873	2026	4Q	2026	4Q			2023	3Q			2025	2Q	N/C	c
Canada	416/437/647	2027	1Q	2027	1Q			2030	2Q			2027	4Q	N/C	c
Illinois	618	2027	3Q	2025	3Q	2025	1Q	2024	3Q	2022	1Q	2021	3Q	8Q	a
Maine	207	2027	4Q	2027	4Q	2031	4Q	2030	4Q	2023	4Q	2024	2Q	N/C	
Texas	281/346/713/832	2027	4Q	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2023	1Q	2Q	a
Wisconsin	608	2027	4Q	2026	2Q	2031	3Q	2031	3Q	2029	4Q	2032	1Q	6Q	a
New York	845	2028	1Q	2027	2Q	2025	3Q	2025	1Q	2022	2Q	2024	3Q	3Q	a
Tennessee	423	2028	1Q	2030	1Q	2027	1Q	2029	4Q	2026	4Q	2027	1Q	-8Q	b
Washington	206	2028	1Q	2025	4Q	2025	2Q	2024	4Q	2024	1Q	2027	3Q	9Q	a
California	530	2028	3Q	2027	1Q	2026	2Q	2026	1Q	2023	1Q	2023	3Q	6Q	a
South Carolina	864	2028	3Q	2027	2Q	2029	1Q	2031	1Q	2027	3Q	2030	4Q	5Q	a
Canada	226/519/548	2029	1Q	2029	1Q			2026	4Q			2027	2Q	N/C	c
Washington	509	2029	1Q	2028	4Q	2031	1Q	2029	2Q	2024	4Q	2025	2Q	1Q	a
California	213/323	2029	2Q	2028	1Q	2027	2Q			2038	1Q	2042	3Q	5Q	a
Montana	406	2029	2Q	2029	3Q	2031	3Q	2034	4Q	2022	4Q	2023	2Q	-1Q	b
New York	347/718/929	2029	3Q	2028	4Q	2027	2Q	2026	2Q	2023	2Q	2022	4Q	3Q	a
Louisiana	318	2029	4Q	2029	1Q	2028	2Q	2027	1Q	2026	3Q	2031	3Q	3Q	a
California	650	2030	4Q	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2027	2Q	4Q	a
Oklahoma	580	2030	4Q	2027	3Q	2029	3Q	2030	1Q	2024	3Q	2026	1Q	13Q	a
Florida	904	2031	2Q	2030	1Q	2027	2Q	2027	1Q	2027	2Q	2029	4Q	5Q	a
Illinois	309	2031	2Q	2031	2Q	2033	4Q	2033	1Q	2029	1Q	2029	3Q	N/C	
North Dakota	701	2031	2Q	2030	4Q	2032	3Q	2035	4Q	2023	2Q	2022	4Q	2Q	a

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Wisconsin	920	2031	3Q	2030	1Q	2032	2Q	2032	1Q	2025	2Q	2025	3Q	6Q	a
Michigan	313	2031	4Q	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2021	1Q	7Q	a
South Dakota	605	2031	4Q	2030	2Q	2031	1Q	2036	3Q	2027	4Q	2027	4Q	6Q	a
Arizona	602	2032	1Q	2033	1Q	2031	3Q	2030	1Q	2022	1Q	2022	4Q	-4Q	b
California	949	2032	1Q	2031	1Q	2029	3Q	2027	3Q	2025	3Q	2026	3Q	4Q	a
Colorado	970	2032	1Q	2030	1Q	2027	1Q	2026	1Q	2021	3Q	2021	4Q	8Q	a
Minnesota	507	2032	1Q	2032	2Q	2032	1Q	2036	1Q	2026	4Q	2027	2Q	-1Q	b
California	559	2032	2Q	2029	2Q	2026	1Q	2024	4Q	2021	2Q	2021	4Q	12Q	a
California	626	2032	4Q	2030	2Q	2029	1Q	2028	1Q	2024	3Q	2026	1Q	10Q	a
Canada	782/902	2033	1Q	2033	1Q			2029	4Q			2033	2Q	N/C	c
Florida	561	2033	3Q	2032	3Q	2029	1Q	2027	4Q	2026	4Q	2028	1Q	4Q	a
Texas	956	2033	3Q	2031	1Q	2026	4Q	2027	1Q	2025	1Q	2026	3Q	10Q	a
Missouri	417	2033	4Q	2035	1Q	2034	2Q	2036	4Q	2027	3Q	2027	1Q	-5Q	b
Kansas	785	2034	4Q							2028	2Q			-55Q	b
New Hampshire	603	2034	4Q	2031	3Q	2033	3Q	2034	1Q	2029	1Q	2032	2Q	13Q	a
Michigan	989	2036	1Q	2039	3Q	2042	4Q	2037	4Q	2023	4Q	2025	2Q	-14Q	b
North Carolina	828	2036	1Q	2036	2Q	2040	3Q	2042	2Q	2042	2Q			-1Q	b
California	951	2036	2Q	2035	2Q	2031	1Q	2028	3Q	2026	3Q	2028	1Q	4Q	a
Michigan	734	2036	4Q	2042	2Q	2034	2Q	2033	4Q	2023	4Q	2023	4Q	-22Q	b
California	619/858	2037	1Q	2036	1Q	2018	4Q	2018	4Q	2018	4Q	2019	1Q	4Q	a
Michigan	586	2037	4Q	2032	2Q	2028	2Q	2026	1Q	2023	2Q	2024	3Q	22Q	a
Kentucky	502	2038	1Q	2034	2Q	2030	4Q	2032	3Q	2030	3Q	2032	1Q	15Q	a
Minnesota	612	2038	2Q	2036	1Q	2037	3Q	2036	2Q	2029	1Q	2029	3Q	9Q	a
Virginia	571/703	2038	2Q	2039	1Q	2046	1Q	2042	4Q	2036	3Q	2037	1Q	-3Q	b
Canada	418/581/367	2038	3Q	2038	3Q	2020	1Q	2020	3Q	2019	1Q	2029	2Q	N/C	c
Florida	352	2038	3Q	2043	3Q	2043	4Q	2040	3Q	2037	1Q	2036	3Q	-20Q	b
Puerto Rico	787/939	2038	3Q							2042	4Q			-24Q	b
Alabama	334	2038	4Q	2034	4Q	2040	2Q			2037	2Q	2036	4Q	16Q	a
Iowa	563	2038	4Q	2035	3Q	2037	3Q	2037	1Q					13Q	a
Mississippi	662	2039	1Q	2034	4Q					2040	3Q			17Q	a
Canada	867	2039	2Q	2039	2Q			2036	3Q					N/C	c
New Jersey	908	2039	3Q	2046	3Q					2031	2Q	2031	3Q	-28Q	b
New York	914	2039	3Q	2044	4Q	2044	4Q	2040	4Q	2029	2Q	2029	4Q	-21Q	b
Hawaii	808	2040	1Q	2036	2Q	2032	4Q	2030	1Q	2028	2Q	2028	4Q	15Q	a

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Illinois	224/847	2040	2Q	2037	4Q	2034	1Q	2031	4Q	2029	1Q	2028	1Q	10Q	a
New Mexico	505	2040	3Q	2039	2Q	2034	4Q	2032	3Q	2027	2Q	2027	4Q	5Q	a
Iowa	515	2041	1Q					2044	3Q	2035	2Q	2034	4Q	-29Q	b
Kansas	316	2041	3Q	2037	2Q	2031	2Q	2028	1Q	2022	2Q	2024	3Q	17Q	a
Massachusetts	617/857	2041	3Q	2038	1Q	2042	2Q	2040	1Q	2040	2Q	2045	4Q	14Q	a
Tennessee	731	2041	3Q	2037	2Q	2034	3Q	2036	3Q					17Q	a
North Carolina	704/980	2042	2Q	2042	1Q	2038	3Q	2039	3Q	2033	2Q	2039	2Q	1Q	a
California	657/714	2042	3Q	2039	1Q	2034	1Q	2032	2Q	2028	2Q	2034	3Q	14Q	a
Kansas	620	2042	3Q	2039	3Q	2035	1Q			2026	3Q	2026	2Q	12Q	a
California	310/424	2042	4Q	2041	4Q	2036	3Q	2034	3Q	2028	3Q	2029	1Q	4Q	a
Tennessee	901	2043	1Q	2038	1Q	2032	2Q	2037	3Q	2035	3Q	2036	1Q	20Q	a
Utah	385/801	2043	2Q	2040	3Q	2039	4Q	2039	3Q	2037	2Q	2037	4Q	11Q	a
Kentucky	606	2045	2Q	2044	3Q	2046	2Q	2041	1Q	2043	2Q			3Q	a
Massachusetts	508/774	2045	3Q	2043	2Q	2039	3Q	2036	4Q	2032	3Q	2035	2Q	9Q	a
Iowa	712	2045	4Q											-79Q	b
California	661	2046	1Q	2040	2Q	2035	4Q	2034	1Q	2027	4Q	2029	2Q	23Q	a
Oklahoma	539/918	2046	2Q	2042	4Q									14Q	a
Florida	727	2046	3Q	2041	4Q	2037	3Q	2036	3Q	2032	2Q	2032	2Q	19Q	a
New York	585	2046	3Q	2045	1Q	2037	4Q	2038	3Q	2034	4Q	2036	2Q	6Q	a
California	562	2046	4Q	2045	4Q	2039	4Q	2038	2Q	2030	2Q	2033	3Q	4Q	a
Kansas	913	2046	4Q	2045	2Q	2045	3Q	2042	2Q	2030	4Q	2033	4Q	6Q	a
Pennsylvania	215/267/445	2046	4Q	2045	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	6Q	a
Delaware	302	2047	2Q							2038	2Q	2038	1Q	-85Q	b
New Jersey	201/551	2047	2Q											-15Q	b
Colorado	719	2047	4Q	2046	1Q	2046	1Q	2043	4Q	2029	4Q	2030	1Q	7Q	a
New Mexico	575	2048	1Q									2043	4Q	-10Q	b
Texas	254	2048	4Q	2043	2Q	2040	4Q	2041	2Q	2040	1Q	2042	4Q	22Q	a
Wisconsin	262	2048	4Q			2045	1Q							-14Q	b
Alabama	251														k
Alabama	256/938														k
Alaska	907			2045	4Q					2031	1Q	2029	4Q		k
American Samoa	684														k
Arizona	520			2040	4Q	2038	2Q	2035	3Q	2029	4Q	2030	4Q		k
Arizona	623														k

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LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Arizona	928														k
Arkansas	479														k
Arkansas	501														k
California	831														k
California	925									2037	2Q	2037	4Q		k
California	279/916					2019	2Q								k
California	408/669														k
California	415/628			2046	4Q	2042	4Q	2038	2Q	2038	1Q	2040	3Q		k
California	442/760			2051	4Q	2043	4Q	2042	3Q	2037	4Q	2038	1Q		k
California	747/818							2044	2Q	2040	3Q	2039	2Q		k
California	805/820					2018	2Q	2018	2Q	2017	4Q	2018	2Q		k
Canada	807														d
CNMI	670														k
Connecticut	203/475							2045	1Q	2043	2Q				k
Connecticut	860/959														k
Florida	239														k
Florida	386														k
Florida	772														k
Florida	863														k
Florida	941														k
Florida	321A														g, k
Florida	754/954														k
Georgia	229														k
Georgia	478														k
Georgia	912			2046	2Q	2041	2Q	2045	2Q	2040	3Q	2038	3Q		k
Georgia	706/762														k
Guam	671														k
Idaho	208/986									2018	4Q	2019	1Q		k
Illinois	312/773/872			2043	2Q	2041	1Q	2037	1Q	2033	4Q	2032	2Q		k
Illinois	331/630														k
Illinois	779/815														k
Indiana	219														k
Indiana	260														k
Indiana	574														k

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LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Indiana	765					2042	4Q	2041	1Q	2032	2Q	2032	3Q		k
Indiana	317/463											2016	4Q		k
Indiana	812/930														k
Iowa	319														k
Iowa	641														k
Kentucky	859									2039	1Q	2039	1Q		k
Kentucky	270/364														k
Louisiana	225														k
Louisiana	337														k
Louisiana	504			2045	4Q										k
Louisiana	985														k
Maryland	410/443/667														k
Massachusetts	413									2046	3Q				k
Massachusetts	339/781														k
Massachusetts	351/978														k
Michigan	231							2045	1Q	2037	1Q	2037	1Q		k
Michigan	269									2037	4Q	2037	2Q		k
Michigan	517									2029	3Q	2029	2Q		k
Michigan	616									2033	1Q	2032	4Q		k
Michigan	810											2044	3Q		k
Michigan	906											2041	3Q		k
Michigan	248/947														k
Minnesota	218									2028	2Q	2028	2Q		k
Minnesota	320														k
Minnesota	651									2036	2Q	2036	1Q		k
Minnesota	763														k
Minnesota	952											2041	3Q		k
Mississippi	228					2045	4Q								k
Mississippi	601/769														k
Missouri	636														k
Missouri	660					2037	4Q	2036	4Q	2034	3Q	2034	1Q		k
Nebraska	308					2046	1Q	2038	1Q	2023	2Q	2026	3Q	54Q	k
Nebraska	402/531														k
Nevada	775														k

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LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Nevada	702/725					2045	4Q	2044	4Q	2043	1Q	2044	2Q		k
New Jersey	856					2045	4Q	2043	4Q	2035	1Q	2038	2Q		k
New Jersey	609/640					2018	3Q	2018	3Q	2018	3Q	2019	2Q		k
New Jersey	732/848														k
New Jersey	862/973														k
New York	607														k
New York	917														e
New York	212/646/332			2047	4Q					2017	2Q	2017	4Q		k
New York	315/680									2017	2Q	2017	2Q		k
New York	518/838			2047	4Q					2017	3Q	2019	1Q		k
New York	631/934														k
North Carolina	252									2038	2Q	2035	4Q		k
North Carolina	336/743														k
North Carolina	919/984														k
Ohio	216					2044	1Q	2040	4Q	2032	4Q	2033	2Q		k
Ohio	220/740														k
Ohio	234/330									2035	1Q	2037	1Q		k
Ohio	380/614														k
Ohio	419/567									2037	2Q				k
Oregon	458/541									2041	4Q	2038	3Q		k
Oregon	503/971									2037	2Q	2037	4Q		k
Pennsylvania	223/717									2017	3Q	2018	2Q		k
Pennsylvania	272/570											2041	3Q		k
Pennsylvania	412/724/878														k
Rhode Island	401														k
South Carolina	843/854														k
Tennessee	865														k
Tennessee	931			2045	2Q	2040	4Q								k
Tennessee	615/629														k
Texas	325														k
Texas	361														k
Texas	409														k
Texas	432														k
Texas	830														k

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LOCATION	NPA	2018.2 FCST		2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		Change 2018.1 to 2018.2	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Texas	915														k
Texas	936														k
Texas	940														k
Texas	979														k
Texas	210/726									2017	4Q	2018	1Q		k
Texas	430/903									2042	1Q	2043	4Q		k
Texas	512/737									2040	4Q	2041	1Q		k
Texas	682/817					2045	3Q	2042	4Q	2039	1Q	2043	4Q		k
Utah	435														k
Vermont	802														k
Virgin Islands	340														k
Virginia	276														k
Virginia	434														k
Washington	253														k
Washington	425			2047	1Q	2045	1Q	2041	3Q	2032	2Q	2040	1Q		k
Washington	360/564									2017	4Q	2018	1Q		k
West Virginia	304/681									2034	3Q	2032	2Q		k
Wisconsin	414									2039	3Q	2042	1Q		k
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.