

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
New Jersey	201/551	2040	1Q	2041	4Q	2045	3Q	2048	1Q					-7Q	b,h
District of Columbia	202/771	2054	1Q	2058	3Q	2021	4Q	2021	3Q	2021	4Q	2022	3Q	-18Q	b
Connecticut	203/475	2039	1Q	2040	3Q	2049	1Q	2046	3Q					-6Q	b,h
Canada	204/431	2034	3Q	2034	3Q			2035	1Q			2025	1Q	N/C	c
Alabama	205/659	2039	2Q	2036	3Q	2035	4Q	2036	1Q	2041	4Q	2044	3Q	11Q	a
Washington	206	2025	4Q	2025	3Q	2026	1Q	2025	4Q	2025	4Q	2027	2Q	1Q	a,i
Maine	207	2027	1Q	2025	2Q	2025	1Q	2024	4Q	2024	4Q	2025	1Q	5Q	a,i
Idaho	208/986	2037	1Q	2039	1Q	2042	3Q	2044	4Q					-8Q	b,h
California	209	2022	4Q	2022	4Q	2022	4Q	2022	4Q	2023	4Q	2027	2Q	N/C	
Texas	210/726	2053	3Q	2055	2Q	2058	4Q	2063	4Q					-7Q	b,h
New York	212/646/332	2051	3Q	2051	3Q	2049	4Q	2050	2Q	2048	3Q	2049	4Q	N/C	
California	213/323	2025	2Q	2025	2Q	2026	2Q	2026	3Q	2027	2Q	2029	4Q	N/C	
Texas	214/469/945/972	2031	2Q	2031	1Q	2031	4Q	2032	1Q	2021	1Q	2021	2Q	1Q	a
Pennsylvania	215/267/445	2041	2Q	2043	4Q	2055	3Q	2054	2Q					-10Q	b,h
Ohio	216	2035	3Q	2032	2Q	2038	1Q	2038	3Q	2043	2Q	2047	4Q	13Q	a
Illinois	217/447	2035	4Q	2035	3Q	2035	1Q	2078	1Q	2021	2Q	2021	1Q	1Q	a
Minnesota	218	2026	4Q	2028	2Q	2029	1Q	2031	3Q	2046	1Q			-6Q	b,h
Indiana	219	2042	2Q	2041	4Q	2043	4Q	2046	4Q					2Q	a,h
Ohio	220/740	2052	2Q	2048	4Q	2051	3Q	2086	1Q					14Q	a,h
Pennsylvania	223/717	2036	2Q	2036	3Q	2038	2Q	2043	4Q	2046	2Q			-1Q	b,h
Illinois	224/847	2030	2Q	2030	2Q	2033	1Q	2036	1Q	2042	1Q	2046	4Q	N/C	
Louisiana	225	2037	2Q	2039	1Q	2048	4Q	2062	1Q					-7Q	b,h
Canada	226/519/548	2033	1Q	2033	1Q			2034	3Q			2028	4Q	N/C	c
Mississippi	228	2093	3Q	2096	3Q	2102	2Q	2104	1Q					-12Q	b,h
Georgia	229	2030	3Q	2030	2Q	2030	2Q	2034	3Q	2047	3Q	2049	1Q	1Q	a
Michigan	231	2030	4Q	2030	3Q	2034	3Q	2048	3Q			2049	1Q	1Q	a,h
Ohio	234/330	2036	1Q	2035	1Q	2038	4Q	2045	2Q	2048	1Q			4Q	a,h
Canada	236/250/604/672/778	2034	4Q	2034	4Q			2040	2Q			2026	4Q	N/C	c
Florida	239	2035	3Q	2035	2Q	2040	2Q	2040	4Q	2048	4Q			1Q	a,h
Maryland	240/301	2023	2Q	2023	4Q	2023	4Q	2024	4Q	2026	3Q	2025	3Q	-2Q	b,i
Michigan	248/947	2046	1Q	2049	3Q	2053	4Q	2060	4Q					-14Q	b,h
Canada	249/705	2032	2Q	2032	2Q			2042	3Q			2026	2Q	N/C	c
Alabama	251	2033	2Q	2034	2Q	2036	3Q	2041	1Q					-4Q	b,h
North Carolina	252	2032	4Q	2031	3Q	2030	4Q	2036	3Q	2041	2Q	2048	3Q	5Q	a
Washington	253	2052	2Q	2052	1Q	2052	1Q	2058	2Q					1Q	a,h

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Texas	254	2028	4Q	2027	4Q	2028	3Q	2029	4Q	2032	3Q	2032	3Q	4Q	a
Alabama	256/938	2040	4Q	2042	4Q	2045	4Q	2050	3Q					-8Q	b,h
Indiana	260	2043	3Q	2044	3Q	2049	2Q	2057	1Q					-4Q	b,h
Wisconsin	262	2034	2Q	2031	4Q	2033	3Q	2039	4Q	2041	2Q			10Q	a,h
Michigan	269	2034	3Q	2034	4Q	2041	3Q	2055	3Q					-1Q	b,h
Kentucky	270/364	2066	4Q	2074	2Q	2082	2Q	2102	1Q					-30Q	b,h
Pennsylvania	272/570	2036	2Q	2037	3Q	2043	1Q	2053	3Q					-5Q	b,h
Virginia	276	2044	3Q	2044	4Q	2051	3Q	2054	1Q					-1Q	b,h
California	279/916	2044	4Q	2045	1Q	2047	3Q	2054	4Q					-1Q	b,h
Texas	281/346/713/832	2026	1Q	2025	4Q	2027	1Q	2028	1Q	2030	3Q	2029	2Q	1Q	a
Canada	289/365/742/905	2038	1Q	2038	1Q			2039	3Q			2023	1Q	N/C	c
Delaware	302	2033	4Q	2033	1Q	2033	2Q	2035	1Q	2040	3Q	2039	1Q	3Q	a
Colorado	303/720/983	2049	3Q	2023	1Q	2023	2Q	2022	4Q	2023	2Q	2023	2Q	106Q	f
West Virginia	304/681	2031	1Q	2029	4Q	2030	3Q	2031	3Q	2034	4Q	2033	1Q	5Q	a
Florida	305/786	2023	4Q	2023	4Q	2024	1Q	2024	4Q	2024	3Q	2023	3Q	N/C	
Canada	306/474/639	2037	3Q	2037	3Q			2035	3Q			2022	1Q	N/C	c
Wyoming	307	2040	4Q	2039	4Q	2041	3Q	2045	1Q					4Q	a,h
Nebraska	308	2034	4Q	2030	2Q	2030	4Q	2040	1Q					18Q	a,h
Illinois	309	2024	1Q	2023	2Q	2023	4Q	2024	2Q	2024	2Q	2027	2Q	3Q	a
California	310/424	2037	3Q	2037	3Q	2045	2Q	2045	2Q	2046	2Q	2048	3Q	N/C	
Illinois	312/773/872	2040	3Q	2041	4Q	2049	4Q	2050	1Q					-5Q	b,h
Michigan	313	2025	3Q	2025	3Q	2025	2Q	2025	3Q	2028	4Q	2028	4Q	N/C	
Missouri	314/557	2065	2Q	2022	3Q	2022	3Q	2023	2Q	2023	2Q	2023	3Q	171Q	f
New York	315/680	2041	4Q	2038	2Q	2039	2Q	2053	4Q					14Q	a,h
Kansas	316	2053	4Q	2050	4Q	2056	2Q	2075	2Q					12Q	a,h
Indiana	317/463	2044	3Q	2045	1Q	2048	1Q	2052	2Q					-2Q	b,h
Louisiana	318	2026	1Q	2026	2Q	2028	1Q	2030	2Q	2030	1Q	2027	3Q	-1Q	b
Iowa	319	2034	4Q	2042	1Q	2047	1Q	2050	3Q					-29Q	b,h
Minnesota	320	2038	4Q	2041	3Q	2042	3Q	2045	4Q					-11Q	b,h
Florida	321/407/689	2039	4Q	2039	1Q	2043	4Q	2070	4Q					3Q	a,h
Florida	321A	2040	1Q	2041	4Q	2049	2Q	2078	3Q					-7Q	b,g,h
Texas	325	2050	4Q	2045	2Q	2043	3Q	2049	3Q					22Q	a,h
Ohio	326/937	2052	3Q	2051	2Q	2057	2Q	2067	2Q					5Q	a,h
Illinois	331/630	2053	1Q	2057	4Q	2063	4Q	2073	4Q					-19Q	b,h
Alabama	334	2026	2Q	2025	3Q	2025	4Q	2026	2Q	2029	2Q	2033	4Q	3Q	a,i

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
North Carolina	336/743	2042	4Q	2044	4Q	2052	2Q	2055	4Q					-8Q	b,h
Louisiana	337	2037	1Q	2042	4Q	2052	1Q	2054	1Q	2048	4Q			-23Q	b,h
Massachusetts	339/781	2071	3Q	2073	1Q	2087	1Q	2122	1Q					-6Q	b,h
Virgin Islands	340	2089	3Q	2090	1Q	2090	1Q	2097	1Q					-2Q	b,h
California	341/510	2052	4Q	2051	2Q	2057	4Q	2063	2Q					6Q	a,h
Canada	343/613	2033	4Q	2033	4Q			2032	2Q			2025	2Q	N/C	c
New York	347/718/929	2027	2Q	2027	2Q	2028	2Q	2028	4Q	2030	1Q	2030	1Q	N/C	
Massachusetts	351/978	2055	3Q	2057	1Q	2064	2Q	2102	2Q					-6Q	b,h
Florida	352	2027	1Q	2026	1Q	2026	1Q	2028	3Q	2033	3Q	2033	3Q	4Q	a
Washington	360/564	2058	4Q	2062	4Q	2066	4Q	2078	3Q					-16Q	b,h
Texas	361	2040	1Q	2040	1Q	2039	4Q	2049	1Q					N/C	h
Ohio	380/614	2062	1Q	2057	2Q	2060	1Q	2078	3Q					19Q	a,h
Utah	385/801	2032	1Q	2031	3Q	2032	4Q	2034	3Q	2038	2Q	2036	4Q	2Q	a
Florida	386	2040	4Q	2039	1Q	2039	4Q	2045	3Q					7Q	a,h
Rhode Island	401	2050	3Q	2045	4Q	2053	3Q	2068	3Q					19Q	a,h
Nebraska	402/531	2047	4Q	2048	1Q	2045	4Q	2052	1Q	2069	4Q			-1Q	b,h
Canada	403/587/780/825	2038	2Q	2038	2Q			2041	1Q			2022	4Q	N/C	c
Georgia	404/470/678/770/943	2030	1Q	2030	2Q	2022	2Q	2022	2Q	2023	1Q	2023	2Q	-1Q	b
Oklahoma	405/572	2049	3Q	2050	2Q	2050	2Q	2022	2Q	2022	2Q	2021	4Q	-3Q	b
Montana	406	2031	4Q	2028	4Q	2027	3Q	2028	2Q	2028	3Q	2027	3Q	12Q	a
California	408/669	2047	3Q	2052	3Q	2055	3Q	2061	1Q					-20Q	b,h
Texas	409	2045	1Q	2044	1Q	2047	1Q	2055	1Q					4Q	a,h
Maryland	410/443/667	2029	4Q	2030	1Q	2031	4Q	2040	1Q	2041	4Q	2040	3Q	-1Q	b
Pennsylvania	412/724/878	2039	3Q	2041	1Q	2043	2Q	2046	3Q	2049	3Q			-6Q	b,h
Massachusetts	413	2029	2Q	2029	2Q	2030	2Q	2041	1Q	2049	2Q			N/C	h
Wisconsin	414	2048	1Q	2046	4Q	2048	1Q	2049	4Q					5Q	a,h
California	415/628	2064	1Q	2059	1Q	2059	3Q	2063	1Q					20Q	a,h
Canada	416/437/647	2035	3Q	2035	3Q			2038	1Q			2025	1Q	N/C	c
Missouri	417	2029	3Q	2028	3Q	2028	1Q	2027	4Q	2028	1Q	2028	3Q	4Q	a
Canada	418/581/367	2037	3Q	2037	3Q			2037	3Q			2033	1Q	N/C	c
Ohio	419/567	2036	2Q	2037	1Q	2039	1Q	2045	2Q	2049	3Q			-3Q	b,h
Tennessee	423	2025	3Q	2025	3Q	2026	2Q	2027	4Q	2027	4Q	2028	1Q	N/C	
Washington	425	2034	1Q	2033	3Q	2035	2Q	2040	1Q	2045	2Q	2042	3Q	2Q	a
Texas	430/903	2038	1Q	2036	4Q	2037	1Q	2040	1Q					5Q	a,h
Texas	432	2063	4Q	2055	1Q	2054	3Q	2070	3Q					35Q	a,h
Virginia	434	2034	4Q	2034	3Q	2034	3Q	2035	4Q	2048	3Q			1Q	a,h

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Utah	435	2040	4Q	2038	1Q	2044	1Q	2052	2Q			2049	4Q	11Q	a,h
Canada	438/514	2035	2Q	2035	2Q			2036	4Q			2026	1Q	N/C	c
Ohio	440	2024	3Q	2024	3Q	2025	2Q	2030	1Q	2029	2Q	2032	1Q	N/C	
California	442/760	2034	1Q	2033	4Q	2035	4Q	2036	3Q	2047	4Q			1Q	a,h
Florida	448/850	2056	4Q	2050	1Q	2053	2Q	2021	3Q	2021	3Q	2021	3Q	27Q	a
Canada	450/579	2024	3Q	2024	3Q			2046	2Q			2024	4Q	N/C	c
Oregon	458/541	2040	3Q	2044	2Q	2055	4Q	2062	4Q					-15Q	b,h
Illinois	464/708	2056	1Q	2062	1Q	2022	1Q	2022	1Q	2023	2Q	2023	2Q	-24Q	b
North Carolina	472/910	2064	1Q	2023	1Q	2022	4Q	2023	2Q	2023	2Q	2024	1Q	164Q	f
Georgia	478	2046	2Q	2045	4Q	2046	3Q	2062	1Q					2Q	a,h
Arkansas	479	2035	1Q	2033	3Q	2033	1Q	2035	1Q	2041	4Q	2046	1Q	6Q	a
Arizona	480	2023	4Q	2024	1Q	2024	1Q	2024	1Q	2024	1Q	2024	3Q	-1Q	b
Pennsylvania	484/610/835	2065	1Q	2022	4Q	2023	2Q	2023	2Q	2024	2Q	2024	2Q	169Q	f
Arkansas	501	2031	1Q	2029	4Q	2030	4Q	2033	1Q	2036	3Q	2043	1Q	5Q	a
Kentucky	502	2027	3Q	2027	4Q	2031	2Q	2036	2Q	2042	4Q	2043	1Q	-1Q	b
Oregon	503/971	2037	2Q	2039	3Q	2041	3Q	2042	2Q	2046	3Q	2048	2Q	-9Q	b
Louisiana	504	2058	1Q	2057	2Q	2065	2Q	2061	2Q			2049	3Q	3Q	a,h
New Mexico	505	2029	2Q	2030	1Q	2030	2Q	2032	4Q	2037	2Q	2042	2Q	-3Q	b
Canada	506	2024	4Q	2024	4Q			2024	1Q			2024	1Q	N/C	c
Minnesota	507	2025	1Q	2025	1Q	2025	2Q	2025	4Q	2028	4Q	2029	2Q	N/C	
Massachusetts	508/774	2030	1Q	2029	3Q	2029	4Q	2041	4Q	2045	3Q	2046	1Q	2Q	a
Washington	509	2027	1Q	2026	2Q	2025	1Q	2024	3Q	2026	2Q	2026	2Q	3Q	a
Texas	512/737	2035	2Q	2034	4Q	2036	2Q	2036	3Q	2046	1Q	2046	3Q	2Q	a
Ohio	513	2023	4Q	2023	4Q	2023	4Q	2023	2Q	2024	2Q	2026	1Q	N/C	
Iowa	515	2034	3Q	2036	2Q	2038	4Q	2037	4Q	2046	1Q	2034	4Q	-7Q	b
New York	516	2024	1Q	2023	2Q	2023	2Q	2023	3Q	2024	1Q	2024	2Q	3Q	a,i
Michigan	517	2033	4Q	2033	3Q	2038	1Q	2048	3Q	2048	2Q	2046	1Q	1Q	a
New York	518/838	2036	4Q	2034	2Q	2031	4Q	2042	3Q					10Q	a,h
Arizona	520	2027	1Q	2026	4Q	2029	3Q	2030	1Q	2042	1Q	2045	3Q	1Q	a
California	530	2025	3Q	2026	2Q	2028	2Q	2029	3Q	2031	1Q	2031	1Q	-3Q	b,i
Wisconsin	534/715	2055	3Q	2054	4Q	2058	3Q	2071	2Q					3Q	a,h
Oklahoma	539/918	2038	3Q	2040	1Q	2048	2Q	2053	3Q					-6Q	b,h
Virginia	540/826	2044	3Q	2022	2Q	2022	2Q	2022	2Q	2022	2Q	2022	4Q	89Q	f
California	559	2025	3Q	2025	4Q	2029	3Q	2034	1Q	2039	1Q	2042	4Q	-1Q	b
Florida	561	2023	4Q	2023	3Q	2023	3Q	2024	3Q	2025	2Q	2026	2Q	1Q	a,i

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		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
California	562	2031	3Q	2031	2Q	2032	3Q	2034	3Q	2044	2Q	2048	3Q	1Q	a
Iowa	563	2041	1Q	2042	3Q	2047	4Q	2052	1Q	2048	3Q	2046	1Q	-6Q	b
Virginia	571/703	2031	3Q	2031	2Q	2030	4Q	2031	3Q	2033	2Q	2035	2Q	1Q	a
Missouri	573	2024	3Q	2024	3Q	2025	1Q	2025	1Q	2029	1Q	2028	3Q	N/C	
Indiana	574	2056	2Q	2053	4Q	2061	1Q	2067	1Q					10Q	a,h
New Mexico	575	2034	4Q	2038	3Q	2044	1Q	2049	2Q					-15Q	b,h
Oklahoma	580	2027	3Q	2027	2Q	2029	3Q	2031	1Q	2032	2Q	2033	1Q	1Q	a
Pennsylvania	582/814	2042	4Q	2043	2Q	2050	2Q	2093	3Q	2023	1Q	2022	3Q	-2Q	b
New York	585	2027	4Q	2026	3Q	2026	2Q	2029	4Q	2034	2Q	2040	4Q	5Q	a
Michigan	586	2048	4Q	2049	1Q	2058	4Q	2090	4Q					-1Q	b,h
Mississippi	601/769	2038	3Q	2040	3Q	2048	2Q	2073	4Q					-8Q	b,h
Arizona	602	2025	4Q	2025	3Q	2026	2Q	2026	2Q	2027	3Q	2028	4Q	1Q	a
New Hampshire	603	2028	2Q	2028	2Q	2028	2Q	2028	4Q	2029	4Q	2032	3Q	N/C	
South Dakota	605	2025	4Q	2025	3Q	2025	3Q	2027	4Q	2027	4Q	2028	4Q	1Q	a,i
Kentucky	606	2042	2Q	2043	3Q	2048	4Q	2046	2Q					-5Q	b,h
New York	607	2035	4Q	2033	3Q	2033	3Q	2041	3Q					9Q	a,h
Wisconsin	608	2024	1Q	2024	1Q	2025	2Q	2025	1Q	2025	2Q	2026	3Q	N/C	
New Jersey	609/640	2054	4Q	2051	2Q	2056	3Q	2072	4Q					14Q	a,h
Minnesota	612	2038	3Q	2037	3Q	2040	2Q	2038	1Q	2040	1Q	2039	2Q	4Q	a
Tennessee	615/629	2043	4Q	2047	2Q	2058	2Q	2066	4Q					-14Q	b,h
Michigan	616	2039	2Q	2037	2Q	2042	3Q	2048	2Q	2047	4Q	2047	3Q	8Q	a
Massachusetts	617/857	2042	2Q	2040	3Q	2043	3Q	2052	2Q					7Q	a,h
Illinois	618	2024	2Q	2024	2Q	2025	4Q	2026	2Q	2026	2Q	2036	1Q	N/C	
California	619/858	2029	3Q	2029	1Q	2030	2Q	2031	4Q	2041	4Q	2045	4Q	2Q	a
Kansas	620	2026	2Q	2027	4Q	2030	2Q	2032	4Q	2037	2Q	2038	4Q	-6Q	b
Arizona	623	2061	2Q	2064	3Q	2069	4Q	2069	4Q					-13Q	b,h
California	626	2027	1Q	2027	3Q	2029	3Q	2031	3Q	2031	3Q	2034	2Q	-2Q	b
New York	631/934	2045	1Q	2043	4Q	2044	2Q	2061	3Q					5Q	a,h
Missouri	636	2056	1Q	2057	4Q	2063	1Q	2078	2Q					-7Q	b,h
Iowa	641	2035	2Q	2038	2Q	2039	2Q	2042	1Q	2042	1Q	2042	1Q	-12Q	b
California	650	2029	3Q	2030	3Q	2034	4Q	2033	2Q	2032	1Q	2032	2Q	-4Q	b
Minnesota	651	2063	1Q	2060	2Q	2055	3Q	2055	3Q					11Q	a,h
Florida	656/813	2048	2Q	2047	2Q	2022	1Q	2022	1Q	2022	4Q	2023	1Q	4Q	a
California	657/714	2026	2Q	2026	4Q	2027	4Q	2029	1Q	2032	2Q	2036	1Q	-2Q	b
Missouri	660	2043	3Q	2040	2Q	2047	2Q	2047	2Q					13Q	a,h

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
California	661	2031	4Q	2031	4Q	2033	1Q	2032	4Q	2039	2Q	2044	4Q	N/C	
Mississippi	662	2026	2Q	2027	1Q	2033	4Q	2036	2Q	2045	2Q	2040	2Q	-3Q	b
CNMI	670	2110	1Q	2110	1Q	2110	1Q	2112	1Q					N/C	h
Guam	671	2149	1Q	2150	1Q	2150	1Q	2150	1Q					-4Q	b,h
Texas	682/817	2036	4Q	2037	1Q	2038	2Q	2039	2Q	2045	4Q	2046	4Q	-1Q	b
American Samoa	684	2180	1Q					2186	1Q						h
North Dakota	701	2030	3Q	2028	2Q	2026	4Q	2026	1Q	2028	3Q	2030	1Q	9Q	a
Nevada	702/725	2044	4Q	2043	4Q	2050	2Q	2055	3Q					4Q	a,h
North Carolina	704/980	2036	2Q	2036	4Q	2040	1Q	2042	2Q	2045	3Q	2047	2Q	-2Q	b
Georgia	706/762	2032	4Q	2032	2Q	2032	4Q	2042	3Q					2Q	a,h
California	707	2023	1Q	2023	1Q	2023	1Q	2023	4Q	2023	4Q	2024	4Q	N/C	
Canada	709	2028	4Q	2028	4Q			2026	3Q			2024	1Q	N/C	c
Iowa	712	2030	2Q	2031	2Q	2031	3Q	2032	3Q	2032	1Q	2031	2Q	-4Q	b
New York	716	2024	2Q	2024	2Q	2025	1Q	2027	1Q	2030	1Q	2032	2Q	N/C	
Colorado	719	2028	3Q	2031	4Q	2036	1Q	2034	4Q	2039	1Q	2038	3Q	-13Q	b
Florida	727	2032	4Q	2032	2Q	2035	3Q	2036	2Q	2042	4Q	2044	2Q	2Q	a
Tennessee	731	2091	1Q	2080	4Q	2088	1Q	2089	2Q					41Q	a,h
New Jersey	732/848	2043	4Q	2041	2Q	2043	1Q	2044	2Q	2050	3Q			10Q	a,h
Michigan	734	2027	1Q	2028	1Q	2029	2Q	2032	4Q	2035	2Q	2036	3Q	-4Q	b
California	747/818	2042	2Q	2042	4Q	2048	4Q	2050	2Q					-2Q	b,h
Florida	754/954	2043	3Q	2042	4Q	2047	1Q	2052	3Q					3Q	a,h
Virginia	757/948	2047	2Q	2022	2Q	2022	1Q	2022	1Q	2022	3Q	2023	2Q	100Q	f
Minnesota	763	2069	4Q	2074	4Q	2066	4Q	2066	3Q					-20Q	b,h
Indiana	765	2026	1Q	2026	1Q	2027	4Q	2032	2Q	2041	2Q	2047	2Q	N/C	
Florida	772	2061	4Q	2057	1Q	2060	1Q	2069	1Q					19Q	a,h
Nevada	775	2034	1Q	2038	1Q	2040	2Q	2045	1Q	2045	1Q	2045	3Q	-16Q	b
Illinois	779/815	2034	1Q	2032	4Q	2033	4Q	2034	2Q	2049	1Q			5Q	a,h
Canada	782/902	2029	2Q	2029	2Q			2029	4Q			2033	4Q	N/C	c
Kansas	785	2028	3Q	2026	4Q	2027	1Q	2030	1Q	2035	4Q	2034	2Q	7Q	a
Puerto Rico	787/939	2042	1Q	2043	2Q	2049	2Q	2053	2Q			2049	2Q	-5Q	b,h
Vermont	802	2036	1Q	2035	4Q	2034	4Q	2038	4Q	2039	2Q	2043	1Q	1Q	a
South Carolina	803/839	2044	3Q	2050	2Q	2052	2Q	2055	1Q			2021	1Q	-23Q	b,h
Virginia	804	2024	3Q	2024	3Q	2025	1Q	2025	3Q	2025	4Q	2026	3Q	N/C	
California	805/820	2058	3Q	2063	3Q	2068	4Q	2076	2Q					-20Q	b,h
Texas	806	2027	4Q	2025	4Q	2026	3Q	2027	1Q	2026	3Q	2025	3Q	8Q	a

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Canada	807	2043	1Q	2043	1Q			2043	1Q					N/C	c
Hawaii	808	2037	2Q	2034	1Q	2035	3Q	2040	4Q	2042	2Q	2040	2Q	13Q	a
Michigan	810	2041	3Q	2046	4Q	2049	2Q	2077	4Q					-21Q	b,h
Indiana	812/930	2042	4Q	2042	2Q	2044	3Q	2048	3Q					2Q	a,h
Missouri	816	2024	2Q	2024	2Q	2023	3Q	2024	3Q	2025	4Q	2025	3Q	N/C	
Canada	819/873	2034	3Q	2034	3Q			2034	3Q			2025	3Q	N/C	c
North Carolina	828	2030	4Q	2030	4Q	2031	4Q	2038	1Q	2038	1Q	2040	4Q	N/C	
Texas	830	2039	1Q	2041	4Q	2050	3Q	2066	1Q					-11Q	b,h
California	831	2070	4Q	2080	1Q	2087	4Q	2097	4Q					-37Q	b,h
California	840/909	2046	2Q	2043	2Q	2046	4Q	2048	2Q	2022	3Q	2022	4Q	12Q	a
South Carolina	843/854	2048	4Q	2049	1Q	2052	4Q	2052	1Q					-1Q	b,h
New York	845	2024	3Q	2023	4Q	2023	3Q	2024	3Q	2025	1Q	2026	4Q	3Q	a,i
New Jersey	856	2031	1Q	2030	3Q	2032	1Q	2039	4Q	2042	2Q	2046	1Q	2Q	a
Kentucky	859	2051	1Q	2053	1Q	2051	4Q	2065	3Q					-8Q	b,h
Connecticut	860/959	2041	3Q	2045	1Q	2052	1Q	2058	3Q					-14Q	b,h
New Jersey	862/973	2036	1Q	2035	3Q	2038	1Q	2044	1Q					2Q	a,h
Florida	863	2041	1Q	2042	4Q	2050	3Q	2064	2Q					-7Q	b,h
South Carolina	864	2025	1Q	2025	1Q	2025	1Q	2025	3Q	2026	4Q	2029	2Q	N/C	
Tennessee	865	2041	4Q	2044	4Q	2063	4Q	2068	4Q					-12Q	b,h
Canada	867	2043	1Q	2043	1Q			2043	1Q					N/C	c
Arkansas	870	2024	2Q	2025	1Q	2025	1Q	2025	1Q	2024	2Q	2023	4Q	-3Q	b,i
Tennessee	901	2034	4Q	2035	1Q	2036	4Q	2038	2Q	2042	4Q	2043	4Q	-1Q	b
Florida	904	2024	3Q	2024	3Q	2024	3Q	2025	1Q	2025	4Q	2029	2Q	N/C	
Michigan	906	2085	1Q	2075	4Q	2087	2Q	2133	1Q					37Q	a,h
Alaska	907	2041	3Q	2039	1Q	2043	4Q	2055	3Q			2048	3Q	10Q	a,h
New Jersey	908	2028	1Q	2027	1Q	2028	3Q	2030	4Q	2038	2Q	2038	4Q	4Q	a
Georgia	912	2027	4Q	2027	4Q	2028	2Q	2031	4Q	2042	1Q	2042	4Q	N/C	
Kansas	913	2044	4Q	2040	3Q	2042	2Q	2046	1Q	2047	1Q	2045	4Q	17Q	a
New York	914	2028	1Q	2027	2Q	2027	1Q	2031	1Q	2037	2Q	2039	3Q	3Q	a
Texas	915	2053	3Q	2053	3Q	2060	4Q	2083	1Q					N/C	h
New York	917														e
North Carolina	919/984	2043	2Q	2042	4Q	2046	3Q	2049	4Q					2Q	a,h
Wisconsin	920	2024	1Q	2023	4Q	2024	3Q	2027	1Q	2028	3Q	2027	2Q	1Q	a
California	925	2037	3Q	2036	4Q	2041	3Q	2043	2Q	2049	2Q	2048	3Q	3Q	a
Arizona	928	2028	1Q	2028	2Q	2030	1Q	2030	3Q	2039	2Q			-1Q	b,h

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
Tennessee	931	2044	4Q	2053	2Q	2062	2Q	2062	2Q					-34Q	b,h
Texas	936	2044	1Q	2042	4Q	2043	4Q	2053	1Q					5Q	a,h
Texas	940	2040	4Q	2039	1Q	2038	2Q	2040	4Q	2048	1Q	2044	4Q	7Q	a
Florida	941	2044	3Q	2044	1Q	2048	1Q	2054	3Q					2Q	a,h
California	949	2026	3Q	2025	4Q	2026	1Q	2026	4Q	2030	1Q	2033	3Q	3Q	a
California	951	2029	3Q	2028	4Q	2030	1Q	2030	4Q	2035	4Q	2037	3Q	3Q	a
Minnesota	952	2130	2Q	2115	2Q	2106	1Q	2098	1Q					60Q	a,h
Texas	956	2026	4Q	2027	2Q	2027	2Q	2027	3Q	2032	2Q	2032	4Q	-2Q	b
Colorado	970	2026	1Q	2026	1Q	2028	2Q	2028	2Q	2029	2Q	2027	4Q	N/C	
Texas	979	2057	1Q	2056	4Q	2056	3Q	2074	2Q					1Q	a,h
Louisiana	985	2046	2Q	2053	2Q	2060	3Q	2075	4Q					-28Q	b,h
Michigan	989	2026	2Q	2026	1Q	2027	1Q	2031	2Q	2036	2Q	2035	4Q	1Q	a



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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
California	209	2022	4Q	2022	4Q	2022	4Q	2022	4Q	2023	4Q	2027	2Q	N/C	
California	707	2023	1Q	2023	1Q	2023	1Q	2023	4Q	2023	4Q	2024	4Q	N/C	
Maryland	240/301	2023	2Q	2023	4Q	2023	4Q	2024	4Q	2026	3Q	2025	3Q	-2Q	b,i
Florida	305/786	2023	4Q	2023	4Q	2024	1Q	2024	4Q	2024	3Q	2023	3Q	N/C	
Arizona	480	2023	4Q	2024	1Q	2024	1Q	2024	1Q	2024	1Q	2024	3Q	-1Q	b
Ohio	513	2023	4Q	2023	4Q	2023	4Q	2023	2Q	2024	2Q	2026	1Q	N/C	
Florida	561	2023	4Q	2023	3Q	2023	3Q	2024	3Q	2025	2Q	2026	2Q	1Q	a,i
Illinois	309	2024	1Q	2023	2Q	2023	4Q	2024	2Q	2024	2Q	2027	2Q	3Q	a
New York	516	2024	1Q	2023	2Q	2023	2Q	2023	3Q	2024	1Q	2024	2Q	3Q	a,i
Wisconsin	608	2024	1Q	2024	1Q	2025	2Q	2025	1Q	2025	2Q	2026	3Q	N/C	
Wisconsin	920	2024	1Q	2023	4Q	2024	3Q	2027	1Q	2028	3Q	2027	2Q	1Q	a
Illinois	618	2024	2Q	2024	2Q	2025	4Q	2026	2Q	2026	2Q	2036	1Q	N/C	
New York	716	2024	2Q	2024	2Q	2025	1Q	2027	1Q	2030	1Q	2032	2Q	N/C	
Missouri	816	2024	2Q	2024	2Q	2023	3Q	2024	3Q	2025	4Q	2025	3Q	N/C	
Arkansas	870	2024	2Q	2025	1Q	2025	1Q	2025	1Q	2024	2Q	2023	4Q	-3Q	b,i
Ohio	440	2024	3Q	2024	3Q	2025	2Q	2030	1Q	2029	2Q	2032	1Q	N/C	
Canada	450/579	2024	3Q	2024	3Q			2046	2Q			2024	4Q	N/C	c
Missouri	573	2024	3Q	2024	3Q	2025	1Q	2025	1Q	2029	1Q	2028	3Q	N/C	
Virginia	804	2024	3Q	2024	3Q	2025	1Q	2025	3Q	2025	4Q	2026	3Q	N/C	
New York	845	2024	3Q	2023	4Q	2023	3Q	2024	3Q	2025	1Q	2026	4Q	3Q	a,i
Florida	904	2024	3Q	2024	3Q	2024	3Q	2025	1Q	2025	4Q	2029	2Q	N/C	
Canada	506	2024	4Q	2024	4Q			2024	1Q			2024	1Q	N/C	c
Minnesota	507	2025	1Q	2025	1Q	2025	2Q	2025	4Q	2028	4Q	2029	2Q	N/C	
South Carolina	864	2025	1Q	2025	1Q	2025	1Q	2025	3Q	2026	4Q	2029	2Q	N/C	
California	213/323	2025	2Q	2025	2Q	2026	2Q	2026	3Q	2027	2Q	2029	4Q	N/C	
Michigan	313	2025	3Q	2025	3Q	2025	2Q	2025	3Q	2028	4Q	2028	4Q	N/C	
Tennessee	423	2025	3Q	2025	3Q	2026	2Q	2027	4Q	2027	4Q	2028	1Q	N/C	
California	530	2025	3Q	2026	2Q	2028	2Q	2029	3Q	2031	1Q	2031	1Q	-3Q	b,i
California	559	2025	3Q	2025	4Q	2029	3Q	2034	1Q	2039	1Q	2042	4Q	-1Q	b
Washington	206	2025	4Q	2025	3Q	2026	1Q	2025	4Q	2025	4Q	2027	2Q	1Q	a,i
Arizona	602	2025	4Q	2025	3Q	2026	2Q	2026	2Q	2027	3Q	2028	4Q	1Q	a
South Dakota	605	2025	4Q	2025	3Q	2025	3Q	2027	4Q	2027	4Q	2028	4Q	1Q	a,i
Texas	281/346/713/832	2026	1Q	2025	4Q	2027	1Q	2028	1Q	2030	3Q	2029	2Q	1Q	a
Louisiana	318	2026	1Q	2026	2Q	2028	1Q	2030	2Q	2030	1Q	2027	3Q	-1Q	b
Indiana	765	2026	1Q	2026	1Q	2027	4Q	2032	2Q	2041	2Q	2047	2Q	N/C	
Colorado	970	2026	1Q	2026	1Q	2028	2Q	2028	2Q	2029	2Q	2027	4Q	N/C	

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Alabama	334	2026	2Q	2025	3Q	2025	4Q	2026	2Q	2029	2Q	2033	4Q	3Q	a,i
Kansas	620	2026	2Q	2027	4Q	2030	2Q	2032	4Q	2037	2Q	2038	4Q	-6Q	b
California	657/714	2026	2Q	2026	4Q	2027	4Q	2029	1Q	2032	2Q	2036	1Q	-2Q	b
Mississippi	662	2026	2Q	2027	1Q	2033	4Q	2036	2Q	2045	2Q	2040	2Q	-3Q	b
Michigan	989	2026	2Q	2026	1Q	2027	1Q	2031	2Q	2036	2Q	2035	4Q	1Q	a
California	949	2026	3Q	2025	4Q	2026	1Q	2026	4Q	2030	1Q	2033	3Q	3Q	a
Minnesota	218	2026	4Q	2028	2Q	2029	1Q	2031	3Q	2046	1Q			-6Q	b,h
Texas	956	2026	4Q	2027	2Q	2027	2Q	2027	3Q	2032	2Q	2032	4Q	-2Q	b
Maine	207	2027	1Q	2025	2Q	2025	1Q	2024	4Q	2024	4Q	2025	1Q	5Q	a,i
Florida	352	2027	1Q	2026	1Q	2026	1Q	2028	3Q	2033	3Q	2033	3Q	4Q	a
Washington	509	2027	1Q	2026	2Q	2025	1Q	2024	3Q	2026	2Q	2026	2Q	3Q	a
Arizona	520	2027	1Q	2026	4Q	2029	3Q	2030	1Q	2042	1Q	2045	3Q	1Q	a
California	626	2027	1Q	2027	3Q	2029	3Q	2031	3Q	2031	3Q	2034	2Q	-2Q	b
Michigan	734	2027	1Q	2028	1Q	2029	2Q	2032	4Q	2035	2Q	2036	3Q	-4Q	b
New York	347/718/929	2027	2Q	2027	2Q	2028	2Q	2028	4Q	2030	1Q	2030	1Q	N/C	
Kentucky	502	2027	3Q	2027	4Q	2031	2Q	2036	2Q	2042	4Q	2043	1Q	-1Q	b
Oklahoma	580	2027	3Q	2027	2Q	2029	3Q	2031	1Q	2032	2Q	2033	1Q	1Q	a
New York	585	2027	4Q	2026	3Q	2026	2Q	2029	4Q	2034	2Q	2040	4Q	5Q	a
Texas	806	2027	4Q	2025	4Q	2026	3Q	2027	1Q	2026	3Q	2025	3Q	8Q	a
Georgia	912	2027	4Q	2027	4Q	2028	2Q	2031	4Q	2042	1Q	2042	4Q	N/C	
New Jersey	908	2028	1Q	2027	1Q	2028	3Q	2030	4Q	2038	2Q	2038	4Q	4Q	a
New York	914	2028	1Q	2027	2Q	2027	1Q	2031	1Q	2037	2Q	2039	3Q	3Q	a
Arizona	928	2028	1Q	2028	2Q	2030	1Q	2030	3Q	2039	2Q			-1Q	b,h
New Hampshire	603	2028	2Q	2028	2Q	2028	2Q	2028	4Q	2029	4Q	2032	3Q	N/C	
Colorado	719	2028	3Q	2031	4Q	2036	1Q	2034	4Q	2039	1Q	2038	3Q	-13Q	b
Kansas	785	2028	3Q	2026	4Q	2027	1Q	2030	1Q	2035	4Q	2034	2Q	7Q	a
Texas	254	2028	4Q	2027	4Q	2028	3Q	2029	4Q	2032	3Q	2032	3Q	4Q	a
Canada	709	2028	4Q	2028	4Q			2026	3Q			2024	1Q	N/C	c
Massachusetts	413	2029	2Q	2029	2Q	2030	2Q	2041	1Q	2049	2Q			N/C	h
New Mexico	505	2029	2Q	2030	1Q	2030	2Q	2032	4Q	2037	2Q	2042	2Q	-3Q	b
Canada	782/902	2029	2Q	2029	2Q			2029	4Q			2033	4Q	N/C	c
Missouri	417	2029	3Q	2028	3Q	2028	1Q	2027	4Q	2028	1Q	2028	3Q	4Q	a
California	619/858	2029	3Q	2029	1Q	2030	2Q	2031	4Q	2041	4Q	2045	4Q	2Q	a
California	650	2029	3Q	2030	3Q	2034	4Q	2033	2Q	2032	1Q	2032	2Q	-4Q	b
California	951	2029	3Q	2028	4Q	2030	1Q	2030	4Q	2035	4Q	2037	3Q	3Q	a
Maryland	410/443/667	2029	4Q	2030	1Q	2031	4Q	2040	1Q	2041	4Q	2040	3Q	-1Q	b

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Georgia	404/470/678/770/943	2030	1Q	2030	2Q	2022	2Q	2022	2Q	2023	1Q	2023	2Q	-1Q	b
Massachusetts	508/774	2030	1Q	2029	3Q	2029	4Q	2041	4Q	2045	3Q	2046	1Q	2Q	a
Illinois	224/847	2030	2Q	2030	2Q	2033	1Q	2036	1Q	2042	1Q	2046	4Q	N/C	
Iowa	712	2030	2Q	2031	2Q	2031	3Q	2032	3Q	2032	1Q	2031	2Q	-4Q	b
Georgia	229	2030	3Q	2030	2Q	2030	2Q	2034	3Q	2047	3Q	2049	1Q	1Q	a
North Dakota	701	2030	3Q	2028	2Q	2026	4Q	2026	1Q	2028	3Q	2030	1Q	9Q	a
Michigan	231	2030	4Q	2030	3Q	2034	3Q	2048	3Q			2049	1Q	1Q	a,h
North Carolina	828	2030	4Q	2030	4Q	2031	4Q	2038	1Q	2038	1Q	2040	4Q	N/C	
West Virginia	304/681	2031	1Q	2029	4Q	2030	3Q	2031	3Q	2034	4Q	2033	1Q	5Q	a
Arkansas	501	2031	1Q	2029	4Q	2030	4Q	2033	1Q	2036	3Q	2043	1Q	5Q	a
New Jersey	856	2031	1Q	2030	3Q	2032	1Q	2039	4Q	2042	2Q	2046	1Q	2Q	a
Texas	214/469/945/972	2031	2Q	2031	1Q	2031	4Q	2032	1Q	2021	1Q	2021	2Q	1Q	a
California	562	2031	3Q	2031	2Q	2032	3Q	2034	3Q	2044	2Q	2048	3Q	1Q	a
Virginia	571/703	2031	3Q	2031	2Q	2030	4Q	2031	3Q	2033	2Q	2035	2Q	1Q	a
Montana	406	2031	4Q	2028	4Q	2027	3Q	2028	2Q	2028	3Q	2027	3Q	12Q	a
California	661	2031	4Q	2031	4Q	2033	1Q	2032	4Q	2039	2Q	2044	4Q	N/C	
Utah	385/801	2032	1Q	2031	3Q	2032	4Q	2034	3Q	2038	2Q	2036	4Q	2Q	a
Canada	249/705	2032	2Q	2032	2Q			2042	3Q			2026	2Q	N/C	c
North Carolina	252	2032	4Q	2031	3Q	2030	4Q	2036	3Q	2041	2Q	2048	3Q	5Q	a
Georgia	706/762	2032	4Q	2032	2Q	2032	4Q	2042	3Q					2Q	a,h
Florida	727	2032	4Q	2032	2Q	2035	3Q	2036	2Q	2042	4Q	2044	2Q	2Q	a
Canada	226/519/548	2033	1Q	2033	1Q			2034	3Q			2028	4Q	N/C	c
Alabama	251	2033	2Q	2034	2Q	2036	3Q	2041	1Q					-4Q	b,h
Delaware	302	2033	4Q	2033	1Q	2033	2Q	2035	1Q	2040	3Q	2039	1Q	3Q	a
Canada	343/613	2033	4Q	2033	4Q			2032	2Q			2025	2Q	N/C	c
Michigan	517	2033	4Q	2033	3Q	2038	1Q	2048	3Q	2048	2Q	2046	1Q	1Q	a
Washington	425	2034	1Q	2033	3Q	2035	2Q	2040	1Q	2045	2Q	2042	3Q	2Q	a
California	442/760	2034	1Q	2033	4Q	2035	4Q	2036	3Q	2047	4Q			1Q	a,h
Nevada	775	2034	1Q	2038	1Q	2040	2Q	2045	1Q	2045	1Q	2045	3Q	-16Q	b
Illinois	779/815	2034	1Q	2032	4Q	2033	4Q	2034	2Q	2049	1Q			5Q	a,h
Wisconsin	262	2034	2Q	2031	4Q	2033	3Q	2039	4Q	2041	2Q			10Q	a,h
Canada	204/431	2034	3Q	2034	3Q			2035	1Q			2025	1Q	N/C	c
Michigan	269	2034	3Q	2034	4Q	2041	3Q	2055	3Q					-1Q	b,h
Iowa	515	2034	3Q	2036	2Q	2038	4Q	2037	4Q	2046	1Q	2034	4Q	-7Q	b
Canada	819/873	2034	3Q	2034	3Q			2034	3Q			2025	3Q	N/C	c
Canada	236/250/604/672/778	2034	4Q	2034	4Q			2040	2Q			2026	4Q	N/C	c

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
Nebraska	308	2034	4Q	2030	2Q	2030	4Q	2040	1Q					18Q	a,h
Iowa	319	2034	4Q	2042	1Q	2047	1Q	2050	3Q					-29Q	b,h
Virginia	434	2034	4Q	2034	3Q	2034	3Q	2035	4Q	2048	3Q			1Q	a,h
New Mexico	575	2034	4Q	2038	3Q	2044	1Q	2049	2Q					-15Q	b,h
Tennessee	901	2034	4Q	2035	1Q	2036	4Q	2038	2Q	2042	4Q	2043	4Q	-1Q	b
Arkansas	479	2035	1Q	2033	3Q	2033	1Q	2035	1Q	2041	4Q	2046	1Q	6Q	a
Canada	438/514	2035	2Q	2035	2Q			2036	4Q			2026	1Q	N/C	c
Texas	512/737	2035	2Q	2034	4Q	2036	2Q	2036	3Q	2046	1Q	2046	3Q	2Q	a
Iowa	641	2035	2Q	2038	2Q	2039	2Q	2042	1Q	2042	1Q	2042	1Q	-12Q	b
Ohio	216	2035	3Q	2032	2Q	2038	1Q	2038	3Q	2043	2Q	2047	4Q	13Q	a
Florida	239	2035	3Q	2035	2Q	2040	2Q	2040	4Q	2048	4Q			1Q	a,h
Canada	416/437/647	2035	3Q	2035	3Q			2038	1Q			2025	1Q	N/C	c
Illinois	217/447	2035	4Q	2035	3Q	2035	1Q	2078	1Q	2021	2Q	2021	1Q	1Q	a
New York	607	2035	4Q	2033	3Q	2033	3Q	2041	3Q					9Q	a,h
Ohio	234/330	2036	1Q	2035	1Q	2038	4Q	2045	2Q	2048	1Q			4Q	a,h
Vermont	802	2036	1Q	2035	4Q	2034	4Q	2038	4Q	2039	2Q	2043	1Q	1Q	a
New Jersey	862/973	2036	1Q	2035	3Q	2038	1Q	2044	1Q					2Q	a,h
Pennsylvania	223/717	2036	2Q	2036	3Q	2038	2Q	2043	4Q	2046	2Q			-1Q	b,h
Pennsylvania	272/570	2036	2Q	2037	3Q	2043	1Q	2053	3Q					-5Q	b,h
Ohio	419/567	2036	2Q	2037	1Q	2039	1Q	2045	2Q	2049	3Q			-3Q	b,h
North Carolina	704/980	2036	2Q	2036	4Q	2040	1Q	2042	2Q	2045	3Q	2047	2Q	-2Q	b
New York	518/838	2036	4Q	2034	2Q	2031	4Q	2042	3Q					10Q	a,h
Texas	682/817	2036	4Q	2037	1Q	2038	2Q	2039	2Q	2045	4Q	2046	4Q	-1Q	b
Idaho	208/986	2037	1Q	2039	1Q	2042	3Q	2044	4Q					-8Q	b,h
Louisiana	337	2037	1Q	2042	4Q	2052	1Q	2054	1Q	2048	4Q			-23Q	b,h
Louisiana	225	2037	2Q	2039	1Q	2048	4Q	2062	1Q					-7Q	b,h
Oregon	503/971	2037	2Q	2039	3Q	2041	3Q	2042	2Q	2046	3Q	2048	2Q	-9Q	b
Hawaii	808	2037	2Q	2034	1Q	2035	3Q	2040	4Q	2042	2Q	2040	2Q	13Q	a
Canada	306/474/639	2037	3Q	2037	3Q			2035	3Q			2022	1Q	N/C	c
California	310/424	2037	3Q	2037	3Q	2045	2Q	2045	2Q	2046	2Q	2048	3Q	N/C	
Canada	418/581/367	2037	3Q	2037	3Q			2037	3Q			2033	1Q	N/C	c
California	925	2037	3Q	2036	4Q	2041	3Q	2043	2Q	2049	2Q	2048	3Q	3Q	a
Canada	289/365/742/905	2038	1Q	2038	1Q			2039	3Q			2023	1Q	N/C	c
Texas	430/903	2038	1Q	2036	4Q	2037	1Q	2040	1Q					5Q	a,h
Canada	403/587/780/825	2038	2Q	2038	2Q			2041	1Q			2022	4Q	N/C	c
Oklahoma	539/918	2038	3Q	2040	1Q	2048	2Q	2053	3Q					-6Q	b,h

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
Mississippi	601/769	2038	3Q	2040	3Q	2048	2Q	2073	4Q					-8Q	b,h
Minnesota	612	2038	3Q	2037	3Q	2040	2Q	2038	1Q	2040	1Q	2039	2Q	4Q	a
Minnesota	320	2038	4Q	2041	3Q	2042	3Q	2045	4Q					-11Q	b,h
Connecticut	203/475	2039	1Q	2040	3Q	2049	1Q	2046	3Q					-6Q	b,h
Texas	830	2039	1Q	2041	4Q	2050	3Q	2066	1Q					-11Q	b,h
Alabama	205/659	2039	2Q	2036	3Q	2035	4Q	2036	1Q	2041	4Q	2044	3Q	11Q	a
Michigan	616	2039	2Q	2037	2Q	2042	3Q	2048	2Q	2047	4Q	2047	3Q	8Q	a
Pennsylvania	412/724/878	2039	3Q	2041	1Q	2043	2Q	2046	3Q	2049	3Q			-6Q	b,h
Florida	321/407/689	2039	4Q	2039	1Q	2043	4Q	2070	4Q					3Q	a,h
New Jersey	201/551	2040	1Q	2041	4Q	2045	3Q	2048	1Q					-7Q	b,h
Florida	321A	2040	1Q	2041	4Q	2049	2Q	2078	3Q					-7Q	b,g,h
Texas	361	2040	1Q	2040	1Q	2039	4Q	2049	1Q					N/C	h
Illinois	312/773/872	2040	3Q	2041	4Q	2049	4Q	2050	1Q					-5Q	b,h
Oregon	458/541	2040	3Q	2044	2Q	2055	4Q	2062	4Q					-15Q	b,h
Alabama	256/938	2040	4Q	2042	4Q	2045	4Q	2050	3Q					-8Q	b,h
Wyoming	307	2040	4Q	2039	4Q	2041	3Q	2045	1Q					4Q	a,h
Florida	386	2040	4Q	2039	1Q	2039	4Q	2045	3Q					7Q	a,h
Utah	435	2040	4Q	2038	1Q	2044	1Q	2052	2Q			2049	4Q	11Q	a,h
Texas	940	2040	4Q	2039	1Q	2038	2Q	2040	4Q	2048	1Q	2044	4Q	7Q	a
Iowa	563	2041	1Q	2042	3Q	2047	4Q	2052	1Q	2048	3Q	2046	1Q	-6Q	b
Florida	863	2041	1Q	2042	4Q	2050	3Q	2064	2Q					-7Q	b,h
Pennsylvania	215/267/445	2041	2Q	2043	4Q	2055	3Q	2054	2Q					-10Q	b,h
Michigan	810	2041	3Q	2046	4Q	2049	2Q	2077	4Q					-21Q	b,h
Connecticut	860/959	2041	3Q	2045	1Q	2052	1Q	2058	3Q					-14Q	b,h
Alaska	907	2041	3Q	2039	1Q	2043	4Q	2055	3Q			2048	3Q	10Q	a,h
New York	315/680	2041	4Q	2038	2Q	2039	2Q	2053	4Q					14Q	a,h
Tennessee	865	2041	4Q	2044	4Q	2063	4Q	2068	4Q					-12Q	b,h
Puerto Rico	787/939	2042	1Q	2043	2Q	2049	2Q	2053	2Q			2049	2Q	-5Q	b,h
Indiana	219	2042	2Q	2041	4Q	2043	4Q	2046	4Q					2Q	a,h
Kentucky	606	2042	2Q	2043	3Q	2048	4Q	2046	2Q					-5Q	b,h
Massachusetts	617/857	2042	2Q	2040	3Q	2043	3Q	2052	2Q					7Q	a,h
California	747/818	2042	2Q	2042	4Q	2048	4Q	2050	2Q					-2Q	b,h
North Carolina	336/743	2042	4Q	2044	4Q	2052	2Q	2055	4Q					-8Q	b,h
Pennsylvania	582/814	2042	4Q	2043	2Q	2050	2Q	2093	3Q	2023	1Q	2022	3Q	-2Q	b
Indiana	812/930	2042	4Q	2042	2Q	2044	3Q	2048	3Q					2Q	a,h
Canada	807	2043	1Q	2043	1Q			2043	1Q					N/C	c

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
Canada	867	2043	1Q	2043	1Q			2043	1Q					N/C	c
North Carolina	919/984	2043	2Q	2042	4Q	2046	3Q	2049	4Q					2Q	a,h
Indiana	260	2043	3Q	2044	3Q	2049	2Q	2057	1Q					-4Q	b,h
Missouri	660	2043	3Q	2040	2Q	2047	2Q	2047	2Q					13Q	a,h
Florida	754/954	2043	3Q	2042	4Q	2047	1Q	2052	3Q					3Q	a,h
Tennessee	615/629	2043	4Q	2047	2Q	2058	2Q	2066	4Q					-14Q	b,h
New Jersey	732/848	2043	4Q	2041	2Q	2043	1Q	2044	2Q	2050	3Q			10Q	a,h
Texas	936	2044	1Q	2042	4Q	2043	4Q	2053	1Q					5Q	a,h
Virginia	276	2044	3Q	2044	4Q	2051	3Q	2054	1Q					-1Q	b,h
Indiana	317/463	2044	3Q	2045	1Q	2048	1Q	2052	2Q					-2Q	b,h
Virginia	540/826	2044	3Q	2022	2Q	2022	2Q	2022	2Q	2022	2Q	2022	4Q	89Q	f
South Carolina	803/839	2044	3Q	2050	2Q	2052	2Q	2055	1Q			2021	1Q	-23Q	b,h
Florida	941	2044	3Q	2044	1Q	2048	1Q	2054	3Q					2Q	a,h
California	279/916	2044	4Q	2045	1Q	2047	3Q	2054	4Q					-1Q	b,h
Nevada	702/725	2044	4Q	2043	4Q	2050	2Q	2055	3Q					4Q	a,h
Kansas	913	2044	4Q	2040	3Q	2042	2Q	2046	1Q	2047	1Q	2045	4Q	17Q	a
Tennessee	931	2044	4Q	2053	2Q	2062	2Q	2062	2Q					-34Q	b,h
Texas	409	2045	1Q	2044	1Q	2047	1Q	2055	1Q					4Q	a,h
New York	631/934	2045	1Q	2043	4Q	2044	2Q	2061	3Q					5Q	a,h
Michigan	248/947	2046	1Q	2049	3Q	2053	4Q	2060	4Q					-14Q	b,h
Georgia	478	2046	2Q	2045	4Q	2046	3Q	2062	1Q					2Q	a,h
California	840/909	2046	2Q	2043	2Q	2046	4Q	2048	2Q	2022	3Q	2022	4Q	12Q	a
Louisiana	985	2046	2Q	2053	2Q	2060	3Q	2075	4Q					-28Q	b,h
Virginia	757/948	2047	2Q	2022	2Q	2022	1Q	2022	1Q	2022	3Q	2023	2Q	100Q	f
California	408/669	2047	3Q	2052	3Q	2055	3Q	2061	1Q					-20Q	b,h
Nebraska	402/531	2047	4Q	2048	1Q	2045	4Q	2052	1Q	2069	4Q			-1Q	b,h
Wisconsin	414	2048	1Q	2046	4Q	2048	1Q	2049	4Q					5Q	a,h
Florida	656/813	2048	2Q	2047	2Q	2022	1Q	2022	1Q	2022	4Q	2023	1Q	4Q	a
Michigan	586	2048	4Q	2049	1Q	2058	4Q	2090	4Q					-1Q	b,h
South Carolina	843/854	2048	4Q	2049	1Q	2052	4Q	2052	1Q					-1Q	b,h
Colorado	303/720/983	2049	3Q	2023	1Q	2023	2Q	2022	4Q	2023	2Q	2023	2Q	106Q	f
Oklahoma	405/572	2049	3Q	2050	2Q	2050	2Q	2022	2Q	2022	2Q	2021	4Q	-3Q	b
Rhode Island	401	2050	3Q	2045	4Q	2053	3Q	2068	3Q					19Q	a,h
Texas	325	2050	4Q	2045	2Q	2043	3Q	2049	3Q					22Q	a,h
Kentucky	859	2051	1Q	2053	1Q	2051	4Q	2065	3Q					-8Q	b,h
New York	212/646/332	2051	3Q	2051	3Q	2049	4Q	2050	2Q	2048	3Q	2049	4Q	N/C	

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LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
Ohio	220/740	2052	2Q	2048	4Q	2051	3Q	2086	1Q					14Q	a,h
Washington	253	2052	2Q	2052	1Q	2052	1Q	2058	2Q					1Q	a,h
Ohio	326/937	2052	3Q	2051	2Q	2057	2Q	2067	2Q					5Q	a,h
California	341/510	2052	4Q	2051	2Q	2057	4Q	2063	2Q					6Q	a,h
Illinois	331/630	2053	1Q	2057	4Q	2063	4Q	2073	4Q					-19Q	b,h
Texas	210/726	2053	3Q	2055	2Q	2058	4Q	2063	4Q					-7Q	b,h
Texas	915	2053	3Q	2053	3Q	2060	4Q	2083	1Q					N/C	h
Kansas	316	2053	4Q	2050	4Q	2056	2Q	2075	2Q					12Q	a,h
District of Columbia	202/771	2054	1Q	2058	3Q	2021	4Q	2021	3Q	2021	4Q	2022	3Q	-18Q	b
New Jersey	609/640	2054	4Q	2051	2Q	2056	3Q	2072	4Q					14Q	a,h
Massachusetts	351/978	2055	3Q	2057	1Q	2064	2Q	2102	2Q					-6Q	b,h
Wisconsin	534/715	2055	3Q	2054	4Q	2058	3Q	2071	2Q					3Q	a,h
Illinois	464/708	2056	1Q	2062	1Q	2022	1Q	2022	1Q	2023	2Q	2023	2Q	-24Q	b
Missouri	636	2056	1Q	2057	4Q	2063	1Q	2078	2Q					-7Q	b,h
Indiana	574	2056	2Q	2053	4Q	2061	1Q	2067	1Q					10Q	a,h
Florida	448/850	2056	4Q	2050	1Q	2053	2Q	2021	3Q	2021	3Q	2021	3Q	27Q	a
Texas	979	2057	1Q	2056	4Q	2056	3Q	2074	2Q					1Q	a,h
Louisiana	504	2058	1Q	2057	2Q	2065	2Q	2061	2Q			2049	3Q	3Q	a,h
California	805/820	2058	3Q	2063	3Q	2068	4Q	2076	2Q					-20Q	b,h
Washington	360/564	2058	4Q	2062	4Q	2066	4Q	2078	3Q					-16Q	b,h
Arizona	623	2061	2Q	2064	3Q	2069	4Q	2069	4Q					-13Q	b,h
Florida	772	2061	4Q	2057	1Q	2060	1Q	2069	1Q					19Q	a,h
Ohio	380/614	2062	1Q	2057	2Q	2060	1Q	2078	3Q					19Q	a,h
Minnesota	651	2063	1Q	2060	2Q	2055	3Q	2055	3Q					11Q	a,h
Texas	432	2063	4Q	2055	1Q	2054	3Q	2070	3Q					35Q	a,h
California	415/628	2064	1Q	2059	1Q	2059	3Q	2063	1Q					20Q	a,h
North Carolina	472/910	2064	1Q	2023	1Q	2022	4Q	2023	2Q	2023	2Q	2024	1Q	164Q	f
Pennsylvania	484/610/835	2065	1Q	2022	4Q	2023	2Q	2023	2Q	2024	2Q	2024	2Q	169Q	f
Missouri	314/557	2065	2Q	2022	3Q	2022	3Q	2023	2Q	2023	2Q	2023	3Q	171Q	f
Kentucky	270/364	2066	4Q	2074	2Q	2082	2Q	2102	1Q					-30Q	b,h
Minnesota	763	2069	4Q	2074	4Q	2066	4Q	2066	3Q					-20Q	b,h
California	831	2070	4Q	2080	1Q	2087	4Q	2097	4Q					-37Q	b,h
Massachusetts	339/781	2071	3Q	2073	1Q	2087	1Q	2122	1Q					-6Q	b,h
Michigan	906	2085	1Q	2075	4Q	2087	2Q	2133	1Q					37Q	a,h
Virgin Islands	340	2089	3Q	2090	1Q	2090	1Q	2097	1Q					-2Q	b,h
Tennessee	731	2091	1Q	2080	4Q	2088	1Q	2089	2Q					41Q	a,h

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Mississippi	228	2093	3Q	2096	3Q	2102	2Q	2104	1Q					-12Q	b,h
CNMI	670	2110	1Q	2110	1Q	2110	1Q	2112	1Q					N/C	h
Minnesota	952	2130	2Q	2115	2Q	2106	1Q	2098	1Q					60Q	a,h
Guam	671	2149	1Q	2150	1Q	2150	1Q	2150	1Q					-4Q	b,h
American Samoa	684	2180	1Q					2186	1Q						h
New York	917														e



# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Alabama	251	2033	2Q	2034	2Q	2036	3Q	2041	1Q					-4Q	b,h
Alabama	334	2026	2Q	2025	3Q	2025	4Q	2026	2Q	2029	2Q	2033	4Q	3Q	a,i
Alabama	205/659	2039	2Q	2036	3Q	2035	4Q	2036	1Q	2041	4Q	2044	3Q	11Q	a
Alabama	256/938	2040	4Q	2042	4Q	2045	4Q	2050	3Q					-8Q	b,h
Alaska	907	2041	3Q	2039	1Q	2043	4Q	2055	3Q			2048	3Q	10Q	a,h
American Samoa	684	2180	1Q					2186	1Q						h
Arizona	480	2023	4Q	2024	1Q	2024	1Q	2024	1Q	2024	1Q	2024	3Q	-1Q	b
Arizona	520	2027	1Q	2026	4Q	2029	3Q	2030	1Q	2042	1Q	2045	3Q	1Q	a
Arizona	602	2025	4Q	2025	3Q	2026	2Q	2026	2Q	2027	3Q	2028	4Q	1Q	a
Arizona	623	2061	2Q	2064	3Q	2069	4Q	2069	4Q					-13Q	b,h
Arizona	928	2028	1Q	2028	2Q	2030	1Q	2030	3Q	2039	2Q			-1Q	b,h
Arkansas	479	2035	1Q	2033	3Q	2033	1Q	2035	1Q	2041	4Q	2046	1Q	6Q	a
Arkansas	501	2031	1Q	2029	4Q	2030	4Q	2033	1Q	2036	3Q	2043	1Q	5Q	a
Arkansas	870	2024	2Q	2025	1Q	2025	1Q	2025	1Q	2024	2Q	2023	4Q	-3Q	b,i
California	209	2022	4Q	2022	4Q	2022	4Q	2022	4Q	2023	4Q	2027	2Q	N/C	
California	530	2025	3Q	2026	2Q	2028	2Q	2029	3Q	2031	1Q	2031	1Q	-3Q	b,i
California	559	2025	3Q	2025	4Q	2029	3Q	2034	1Q	2039	1Q	2042	4Q	-1Q	b
California	562	2031	3Q	2031	2Q	2032	3Q	2034	3Q	2044	2Q	2048	3Q	1Q	a
California	626	2027	1Q	2027	3Q	2029	3Q	2031	3Q	2031	3Q	2034	2Q	-2Q	b
California	650	2029	3Q	2030	3Q	2034	4Q	2033	2Q	2032	1Q	2032	2Q	-4Q	b
California	661	2031	4Q	2031	4Q	2033	1Q	2032	4Q	2039	2Q	2044	4Q	N/C	
California	707	2023	1Q	2023	1Q	2023	1Q	2023	4Q	2023	4Q	2024	4Q	N/C	
California	831	2070	4Q	2080	1Q	2087	4Q	2097	4Q					-37Q	b,h
California	925	2037	3Q	2036	4Q	2041	3Q	2043	2Q	2049	2Q	2048	3Q	3Q	a
California	949	2026	3Q	2025	4Q	2026	1Q	2026	4Q	2030	1Q	2033	3Q	3Q	a
California	213/323	2025	2Q	2025	2Q	2026	2Q	2026	3Q	2027	2Q	2029	4Q	N/C	
California	279/916	2044	4Q	2045	1Q	2047	3Q	2054	4Q					-1Q	b,h
California	310/424	2037	3Q	2037	3Q	2045	2Q	2045	2Q	2046	2Q	2048	3Q	N/C	
California	341/510	2052	4Q	2051	2Q	2057	4Q	2063	2Q					6Q	a,h
California	408/669	2047	3Q	2052	3Q	2055	3Q	2061	1Q					-20Q	b,h
California	415/628	2064	1Q	2059	1Q	2059	3Q	2063	1Q					20Q	a,h
California	442/760	2034	1Q	2033	4Q	2035	4Q	2036	3Q	2047	4Q			1Q	a,h
California	619/858	2029	3Q	2029	1Q	2030	2Q	2031	4Q	2041	4Q	2045	4Q	2Q	a
California	657/714	2026	2Q	2026	4Q	2027	4Q	2029	1Q	2032	2Q	2036	1Q	-2Q	b
California	747/818	2042	2Q	2042	4Q	2048	4Q	2050	2Q					-2Q	b,h
California	805/820	2058	3Q	2063	3Q	2068	4Q	2076	2Q					-20Q	b,h
California	840/909	2046	2Q	2043	2Q	2046	4Q	2048	2Q	2022	3Q	2022	4Q	12Q	a

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
California	951	2029	3Q	2028	4Q	2030	1Q	2030	4Q	2035	4Q	2037	3Q	3Q	a
Canada	506	2024	4Q	2024	4Q			2024	1Q			2024	1Q	N/C	c
Canada	709	2028	4Q	2028	4Q			2026	3Q			2024	1Q	N/C	c
Canada	867	2043	1Q	2043	1Q			2043	1Q					N/C	c
Canada	204/431	2034	3Q	2034	3Q			2035	1Q			2025	1Q	N/C	c
Canada	226/519/548	2033	1Q	2033	1Q			2034	3Q			2028	4Q	N/C	c
Canada	236/250/604/672/778	2034	4Q	2034	4Q			2040	2Q			2026	4Q	N/C	c
Canada	249/705	2032	2Q	2032	2Q			2042	3Q			2026	2Q	N/C	c
Canada	289/365/742/905	2038	1Q	2038	1Q			2039	3Q			2023	1Q	N/C	c
Canada	306/474/639	2037	3Q	2037	3Q			2035	3Q			2022	1Q	N/C	c
Canada	343/613	2033	4Q	2033	4Q			2032	2Q			2025	2Q	N/C	c
Canada	403/587/780/825	2038	2Q	2038	2Q			2041	1Q			2022	4Q	N/C	c
Canada	416/437/647	2035	3Q	2035	3Q			2038	1Q			2025	1Q	N/C	c
Canada	418/581/367	2037	3Q	2037	3Q			2037	3Q			2033	1Q	N/C	c
Canada	438/514	2035	2Q	2035	2Q			2036	4Q			2026	1Q	N/C	c
Canada	450/579	2024	3Q	2024	3Q			2046	2Q			2024	4Q	N/C	c
Canada	782/902	2029	2Q	2029	2Q			2029	4Q			2033	4Q	N/C	c
Canada	807	2043	1Q	2043	1Q			2043	1Q					N/C	c
Canada	819/873	2034	3Q	2034	3Q			2034	3Q			2025	3Q	N/C	c
CNMI	670	2110	1Q	2110	1Q	2110	1Q	2112	1Q					N/C	h
Colorado	719	2028	3Q	2031	4Q	2036	1Q	2034	4Q	2039	1Q	2038	3Q	-13Q	b
Colorado	970	2026	1Q	2026	1Q	2028	2Q	2028	2Q	2029	2Q	2027	4Q	N/C	
Colorado	303/720/983	2049	3Q	2023	1Q	2023	2Q	2022	4Q	2023	2Q	2023	2Q	106Q	f
Connecticut	203/475	2039	1Q	2040	3Q	2049	1Q	2046	3Q					-6Q	b,h
Connecticut	860/959	2041	3Q	2045	1Q	2052	1Q	2058	3Q					-14Q	b,h
Delaware	302	2033	4Q	2033	1Q	2033	2Q	2035	1Q	2040	3Q	2039	1Q	3Q	a
District of Columbia	202/771	2054	1Q	2058	3Q	2021	4Q	2021	3Q	2021	4Q	2022	3Q	-18Q	b
Florida	239	2035	3Q	2035	2Q	2040	2Q	2040	4Q	2048	4Q			1Q	a,h
Florida	352	2027	1Q	2026	1Q	2026	1Q	2028	3Q	2033	3Q	2033	3Q	4Q	a
Florida	386	2040	4Q	2039	1Q	2039	4Q	2045	3Q					7Q	a,h
Florida	561	2023	4Q	2023	3Q	2023	3Q	2024	3Q	2025	2Q	2026	2Q	1Q	a,i
Florida	727	2032	4Q	2032	2Q	2035	3Q	2036	2Q	2042	4Q	2044	2Q	2Q	a
Florida	772	2061	4Q	2057	1Q	2060	1Q	2069	1Q					19Q	a,h
Florida	863	2041	1Q	2042	4Q	2050	3Q	2064	2Q					-7Q	b,h
Florida	904	2024	3Q	2024	3Q	2024	3Q	2025	1Q	2025	4Q	2029	2Q	N/C	
Florida	941	2044	3Q	2044	1Q	2048	1Q	2054	3Q					2Q	a,h

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Florida	305/786	2023	4Q	2023	4Q	2024	1Q	2024	4Q	2024	3Q	2023	3Q	N/C	
Florida	321/407/689	2039	4Q	2039	1Q	2043	4Q	2070	4Q					3Q	a,h
Florida	321A	2040	1Q	2041	4Q	2049	2Q	2078	3Q					-7Q	b,g,h
Florida	448/850	2056	4Q	2050	1Q	2053	2Q	2021	3Q	2021	3Q	2021	3Q	27Q	a
Florida	656/813	2048	2Q	2047	2Q	2022	1Q	2022	1Q	2022	4Q	2023	1Q	4Q	a
Florida	754/954	2043	3Q	2042	4Q	2047	1Q	2052	3Q					3Q	a,h
Georgia	229	2030	3Q	2030	2Q	2030	2Q	2034	3Q	2047	3Q	2049	1Q	1Q	a
Georgia	478	2046	2Q	2045	4Q	2046	3Q	2062	1Q					2Q	a,h
Georgia	912	2027	4Q	2027	4Q	2028	2Q	2031	4Q	2042	1Q	2042	4Q	N/C	
Georgia	404/470/678/770/943	2030	1Q	2030	2Q	2022	2Q	2022	2Q	2023	1Q	2023	2Q	-1Q	b
Georgia	706/762	2032	4Q	2032	2Q	2032	4Q	2042	3Q					2Q	a,h
Guam	671	2149	1Q	2150	1Q	2150	1Q	2150	1Q					-4Q	b,h
Hawaii	808	2037	2Q	2034	1Q	2035	3Q	2040	4Q	2042	2Q	2040	2Q	13Q	a
Idaho	208/986	2037	1Q	2039	1Q	2042	3Q	2044	4Q					-8Q	b,h
Illinois	309	2024	1Q	2023	2Q	2023	4Q	2024	2Q	2024	2Q	2027	2Q	3Q	a
Illinois	618	2024	2Q	2024	2Q	2025	4Q	2026	2Q	2026	2Q	2036	1Q	N/C	
Illinois	217/447	2035	4Q	2035	3Q	2035	1Q	2078	1Q	2021	2Q	2021	1Q	1Q	a
Illinois	224/847	2030	2Q	2030	2Q	2033	1Q	2036	1Q	2042	1Q	2046	4Q	N/C	
Illinois	312/773/872	2040	3Q	2041	4Q	2049	4Q	2050	1Q					-5Q	b,h
Illinois	331/630	2053	1Q	2057	4Q	2063	4Q	2073	4Q					-19Q	b,h
Illinois	464/708	2056	1Q	2062	1Q	2022	1Q	2022	1Q	2023	2Q	2023	2Q	-24Q	b
Illinois	779/815	2034	1Q	2032	4Q	2033	4Q	2034	2Q	2049	1Q			5Q	a,h
Indiana	219	2042	2Q	2041	4Q	2043	4Q	2046	4Q					2Q	a,h
Indiana	260	2043	3Q	2044	3Q	2049	2Q	2057	1Q					-4Q	b,h
Indiana	574	2056	2Q	2053	4Q	2061	1Q	2067	1Q					10Q	a,h
Indiana	765	2026	1Q	2026	1Q	2027	4Q	2032	2Q	2041	2Q	2047	2Q	N/C	
Indiana	317/463	2044	3Q	2045	1Q	2048	1Q	2052	2Q					-2Q	b,h
Indiana	812/930	2042	4Q	2042	2Q	2044	3Q	2048	3Q					2Q	a,h
Iowa	319	2034	4Q	2042	1Q	2047	1Q	2050	3Q					-29Q	b,h
Iowa	515	2034	3Q	2036	2Q	2038	4Q	2037	4Q	2046	1Q	2034	4Q	-7Q	b
Iowa	563	2041	1Q	2042	3Q	2047	4Q	2052	1Q	2048	3Q	2046	1Q	-6Q	b
Iowa	641	2035	2Q	2038	2Q	2039	2Q	2042	1Q	2042	1Q	2042	1Q	-12Q	b
Iowa	712	2030	2Q	2031	2Q	2031	3Q	2032	3Q	2032	1Q	2031	2Q	-4Q	b
Kansas	316	2053	4Q	2050	4Q	2056	2Q	2075	2Q					12Q	a,h
Kansas	620	2026	2Q	2027	4Q	2030	2Q	2032	4Q	2037	2Q	2038	4Q	-6Q	b
Kansas	785	2028	3Q	2026	4Q	2027	1Q	2030	1Q	2035	4Q	2034	2Q	7Q	a
Kansas	913	2044	4Q	2040	3Q	2042	2Q	2046	1Q	2047	1Q	2045	4Q	17Q	a

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Kentucky	502	2027	3Q	2027	4Q	2031	2Q	2036	2Q	2042	4Q	2043	1Q	-1Q	b
Kentucky	606	2042	2Q	2043	3Q	2048	4Q	2046	2Q					-5Q	b,h
Kentucky	859	2051	1Q	2053	1Q	2051	4Q	2065	3Q					-8Q	b,h
Kentucky	270/364	2066	4Q	2074	2Q	2082	2Q	2102	1Q					-30Q	b,h
Louisiana	225	2037	2Q	2039	1Q	2048	4Q	2062	1Q					-7Q	b,h
Louisiana	318	2026	1Q	2026	2Q	2028	1Q	2030	2Q	2030	1Q	2027	3Q	-1Q	b
Louisiana	337	2037	1Q	2042	4Q	2052	1Q	2054	1Q	2048	4Q			-23Q	b,h
Louisiana	504	2058	1Q	2057	2Q	2065	2Q	2061	2Q			2049	3Q	3Q	a,h
Louisiana	985	2046	2Q	2053	2Q	2060	3Q	2075	4Q					-28Q	b,h
Maine	207	2027	1Q	2025	2Q	2025	1Q	2024	4Q	2024	4Q	2025	1Q	5Q	a,i
Maryland	240/301	2023	2Q	2023	4Q	2023	4Q	2024	4Q	2026	3Q	2025	3Q	-2Q	b,i
Maryland	410/443/667	2029	4Q	2030	1Q	2031	4Q	2040	1Q	2041	4Q	2040	3Q	-1Q	b
Massachusetts	413	2029	2Q	2029	2Q	2030	2Q	2041	1Q	2049	2Q			N/C	h
Massachusetts	339/781	2071	3Q	2073	1Q	2087	1Q	2122	1Q					-6Q	b,h
Massachusetts	351/978	2055	3Q	2057	1Q	2064	2Q	2102	2Q					-6Q	b,h
Massachusetts	508/774	2030	1Q	2029	3Q	2029	4Q	2041	4Q	2045	3Q	2046	1Q	2Q	a
Massachusetts	617/857	2042	2Q	2040	3Q	2043	3Q	2052	2Q					7Q	a,h
Michigan	231	2030	4Q	2030	3Q	2034	3Q	2048	3Q			2049	1Q	1Q	a,h
Michigan	269	2034	3Q	2034	4Q	2041	3Q	2055	3Q					-1Q	b,h
Michigan	313	2025	3Q	2025	3Q	2025	2Q	2025	3Q	2028	4Q	2028	4Q	N/C	
Michigan	517	2033	4Q	2033	3Q	2038	1Q	2048	3Q	2048	2Q	2046	1Q	1Q	a
Michigan	586	2048	4Q	2049	1Q	2058	4Q	2090	4Q					-1Q	b,h
Michigan	616	2039	2Q	2037	2Q	2042	3Q	2048	2Q	2047	4Q	2047	3Q	8Q	a
Michigan	734	2027	1Q	2028	1Q	2029	2Q	2032	4Q	2035	2Q	2036	3Q	-4Q	b
Michigan	810	2041	3Q	2046	4Q	2049	2Q	2077	4Q					-21Q	b,h
Michigan	906	2085	1Q	2075	4Q	2087	2Q	2133	1Q					37Q	a,h
Michigan	989	2026	2Q	2026	1Q	2027	1Q	2031	2Q	2036	2Q	2035	4Q	1Q	a
Michigan	248/947	2046	1Q	2049	3Q	2053	4Q	2060	4Q					-14Q	b,h
Minnesota	218	2026	4Q	2028	2Q	2029	1Q	2031	3Q	2046	1Q			-6Q	b,h
Minnesota	320	2038	4Q	2041	3Q	2042	3Q	2045	4Q					-11Q	b,h
Minnesota	507	2025	1Q	2025	1Q	2025	2Q	2025	4Q	2028	4Q	2029	2Q	N/C	
Minnesota	612	2038	3Q	2037	3Q	2040	2Q	2038	1Q	2040	1Q	2039	2Q	4Q	a
Minnesota	651	2063	1Q	2060	2Q	2055	3Q	2055	3Q					11Q	a,h
Minnesota	763	2069	4Q	2074	4Q	2066	4Q	2066	3Q					-20Q	b,h
Minnesota	952	2130	2Q	2115	2Q	2106	1Q	2098	1Q					60Q	a,h
Mississippi	228	2093	3Q	2096	3Q	2102	2Q	2104	1Q					-12Q	b,h
Mississippi	662	2026	2Q	2027	1Q	2033	4Q	2036	2Q	2045	2Q	2040	2Q	-3Q	b

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	
Mississippi	601/769	2038	3Q	2040	3Q	2048	2Q	2073	4Q					-8Q	b,h
Missouri	417	2029	3Q	2028	3Q	2028	1Q	2027	4Q	2028	1Q	2028	3Q	4Q	a
Missouri	573	2024	3Q	2024	3Q	2025	1Q	2025	1Q	2029	1Q	2028	3Q	N/C	
Missouri	636	2056	1Q	2057	4Q	2063	1Q	2078	2Q					-7Q	b,h
Missouri	660	2043	3Q	2040	2Q	2047	2Q	2047	2Q					13Q	a,h
Missouri	816	2024	2Q	2024	2Q	2023	3Q	2024	3Q	2025	4Q	2025	3Q	N/C	
Missouri	314/557	2065	2Q	2022	3Q	2022	3Q	2023	2Q	2023	2Q	2023	3Q	171Q	f
Montana	406	2031	4Q	2028	4Q	2027	3Q	2028	2Q	2028	3Q	2027	3Q	12Q	a
Nebraska	308	2034	4Q	2030	2Q	2030	4Q	2040	1Q					18Q	a,h
Nebraska	402/531	2047	4Q	2048	1Q	2045	4Q	2052	1Q	2069	4Q			-1Q	b,h
Nevada	775	2034	1Q	2038	1Q	2040	2Q	2045	1Q	2045	1Q	2045	3Q	-16Q	b
Nevada	702/725	2044	4Q	2043	4Q	2050	2Q	2055	3Q					4Q	a,h
New Hampshire	603	2028	2Q	2028	2Q	2028	2Q	2028	4Q	2029	4Q	2032	3Q	N/C	
New Jersey	856	2031	1Q	2030	3Q	2032	1Q	2039	4Q	2042	2Q	2046	1Q	2Q	a
New Jersey	908	2028	1Q	2027	1Q	2028	3Q	2030	4Q	2038	2Q	2038	4Q	4Q	a
New Jersey	201/551	2040	1Q	2041	4Q	2045	3Q	2048	1Q					-7Q	b,h
New Jersey	609/640	2054	4Q	2051	2Q	2056	3Q	2072	4Q					14Q	a,h
New Jersey	732/848	2043	4Q	2041	2Q	2043	1Q	2044	2Q	2050	3Q			10Q	a,h
New Jersey	862/973	2036	1Q	2035	3Q	2038	1Q	2044	1Q					2Q	a,h
New Mexico	505	2029	2Q	2030	1Q	2030	2Q	2032	4Q	2037	2Q	2042	2Q	-3Q	b
New Mexico	575	2034	4Q	2038	3Q	2044	1Q	2049	2Q					-15Q	b,h
New York	516	2024	1Q	2023	2Q	2023	2Q	2023	3Q	2024	1Q	2024	2Q	3Q	a,i
New York	585	2027	4Q	2026	3Q	2026	2Q	2029	4Q	2034	2Q	2040	4Q	5Q	a
New York	607	2035	4Q	2033	3Q	2033	3Q	2041	3Q					9Q	a,h
New York	716	2024	2Q	2024	2Q	2025	1Q	2027	1Q	2030	1Q	2032	2Q	N/C	
New York	845	2024	3Q	2023	4Q	2023	3Q	2024	3Q	2025	1Q	2026	4Q	3Q	a,i
New York	914	2028	1Q	2027	2Q	2027	1Q	2031	1Q	2037	2Q	2039	3Q	3Q	a
New York	917														e
New York	212/646/332	2051	3Q	2051	3Q	2049	4Q	2050	2Q	2048	3Q	2049	4Q	N/C	
New York	315/680	2041	4Q	2038	2Q	2039	2Q	2053	4Q					14Q	a,h
New York	347/718/929	2027	2Q	2027	2Q	2028	2Q	2028	4Q	2030	1Q	2030	1Q	N/C	
New York	518/838	2036	4Q	2034	2Q	2031	4Q	2042	3Q					10Q	a,h
New York	631/934	2045	1Q	2043	4Q	2044	2Q	2061	3Q					5Q	a,h
North Carolina	252	2032	4Q	2031	3Q	2030	4Q	2036	3Q	2041	2Q	2048	3Q	5Q	a
North Carolina	828	2030	4Q	2030	4Q	2031	4Q	2038	1Q	2038	1Q	2040	4Q	N/C	
North Carolina	336/743	2042	4Q	2044	4Q	2052	2Q	2055	4Q					-8Q	b,h
North Carolina	472/910	2064	1Q	2023	1Q	2022	4Q	2023	2Q	2023	2Q	2024	1Q	164Q	f

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
North Carolina	704/980	2036	2Q	2036	4Q	2040	1Q	2042	2Q	2045	3Q	2047	2Q	-2Q	b
North Carolina	919/984	2043	2Q	2042	4Q	2046	3Q	2049	4Q					2Q	a,h
North Dakota	701	2030	3Q	2028	2Q	2026	4Q	2026	1Q	2028	3Q	2030	1Q	9Q	a
Ohio	216	2035	3Q	2032	2Q	2038	1Q	2038	3Q	2043	2Q	2047	4Q	13Q	a
Ohio	440	2024	3Q	2024	3Q	2025	2Q	2030	1Q	2029	2Q	2032	1Q	N/C	
Ohio	513	2023	4Q	2023	4Q	2023	4Q	2023	2Q	2024	2Q	2026	1Q	N/C	
Ohio	220/740	2052	2Q	2048	4Q	2051	3Q	2086	1Q					14Q	a,h
Ohio	234/330	2036	1Q	2035	1Q	2038	4Q	2045	2Q	2048	1Q			4Q	a,h
Ohio	326/937	2052	3Q	2051	2Q	2057	2Q	2067	2Q					5Q	a,h
Ohio	380/614	2062	1Q	2057	2Q	2060	1Q	2078	3Q					19Q	a,h
Ohio	419/567	2036	2Q	2037	1Q	2039	1Q	2045	2Q	2049	3Q			-3Q	b,h
Oklahoma	580	2027	3Q	2027	2Q	2029	3Q	2031	1Q	2032	2Q	2033	1Q	1Q	a
Oklahoma	405/572	2049	3Q	2050	2Q	2050	2Q	2022	2Q	2022	2Q	2021	4Q	-3Q	b
Oklahoma	539/918	2038	3Q	2040	1Q	2048	2Q	2053	3Q					-6Q	b,h
Oregon	458/541	2040	3Q	2044	2Q	2055	4Q	2062	4Q					-15Q	b,h
Oregon	503/971	2037	2Q	2039	3Q	2041	3Q	2042	2Q	2046	3Q	2048	2Q	-9Q	b
Pennsylvania	215/267/445	2041	2Q	2043	4Q	2055	3Q	2054	2Q					-10Q	b,h
Pennsylvania	223/717	2036	2Q	2036	3Q	2038	2Q	2043	4Q	2046	2Q			-1Q	b,h
Pennsylvania	272/570	2036	2Q	2037	3Q	2043	1Q	2053	3Q					-5Q	b,h
Pennsylvania	412/724/878	2039	3Q	2041	1Q	2043	2Q	2046	3Q	2049	3Q			-6Q	b,h
Pennsylvania	484/610/835	2065	1Q	2022	4Q	2023	2Q	2023	2Q	2024	2Q	2024	2Q	169Q	f
Pennsylvania	582/814	2042	4Q	2043	2Q	2050	2Q	2093	3Q	2023	1Q	2022	3Q	-2Q	b
Puerto Rico	787/939	2042	1Q	2043	2Q	2049	2Q	2053	2Q			2049	2Q	-5Q	b,h
Rhode Island	401	2050	3Q	2045	4Q	2053	3Q	2068	3Q					19Q	a,h
South Carolina	864	2025	1Q	2025	1Q	2025	1Q	2025	3Q	2026	4Q	2029	2Q	N/C	
South Carolina	803/839	2044	3Q	2050	2Q	2052	2Q	2055	1Q			2021	1Q	-23Q	b,h
South Carolina	843/854	2048	4Q	2049	1Q	2052	4Q	2052	1Q					-1Q	b,h
South Dakota	605	2025	4Q	2025	3Q	2025	3Q	2027	4Q	2027	4Q	2028	4Q	1Q	a,i
Tennessee	423	2025	3Q	2025	3Q	2026	2Q	2027	4Q	2027	4Q	2028	1Q	N/C	
Tennessee	731	2091	1Q	2080	4Q	2088	1Q	2089	2Q					41Q	a,h
Tennessee	865	2041	4Q	2044	4Q	2063	4Q	2068	4Q					-12Q	b,h
Tennessee	901	2034	4Q	2035	1Q	2036	4Q	2038	2Q	2042	4Q	2043	4Q	-1Q	b
Tennessee	931	2044	4Q	2053	2Q	2062	2Q	2062	2Q					-34Q	b,h
Tennessee	615/629	2043	4Q	2047	2Q	2058	2Q	2066	4Q					-14Q	b,h
Texas	254	2028	4Q	2027	4Q	2028	3Q	2029	4Q	2032	3Q	2032	3Q	4Q	a
Texas	325	2050	4Q	2045	2Q	2043	3Q	2049	3Q					22Q	a,h
Texas	361	2040	1Q	2040	1Q	2039	4Q	2049	1Q					N/C	h

Based on NRUF and CO Code Data as of 9/01/2022

# 2022-2 NRUF and NPA Exhaust Analysis

October 2022

## NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2022.2 FCST		2022.1 FCST		2021.2 FCST		2021.1 FCST		2020.2 FCST		2020.1 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2022.1 to 2022.2	
Texas	409	2045	1Q	2044	1Q	2047	1Q	2055	1Q					4Q	a,h
Texas	432	2063	4Q	2055	1Q	2054	3Q	2070	3Q					35Q	a,h
Texas	806	2027	4Q	2025	4Q	2026	3Q	2027	1Q	2026	3Q	2025	3Q	8Q	a
Texas	830	2039	1Q	2041	4Q	2050	3Q	2066	1Q					-11Q	b,h
Texas	915	2053	3Q	2053	3Q	2060	4Q	2083	1Q					N/C	h
Texas	936	2044	1Q	2042	4Q	2043	4Q	2053	1Q					5Q	a,h
Texas	940	2040	4Q	2039	1Q	2038	2Q	2040	4Q	2048	1Q	2044	4Q	7Q	a
Texas	956	2026	4Q	2027	2Q	2027	2Q	2027	3Q	2032	2Q	2032	4Q	-2Q	b
Texas	979	2057	1Q	2056	4Q	2056	3Q	2074	2Q					1Q	a,h
Texas	210/726	2053	3Q	2055	2Q	2058	4Q	2063	4Q					-7Q	b,h
Texas	214/469/945/972	2031	2Q	2031	1Q	2031	4Q	2032	1Q	2021	1Q	2021	2Q	1Q	a
Texas	281/346/713/832	2026	1Q	2025	4Q	2027	1Q	2028	1Q	2030	3Q	2029	2Q	1Q	a
Texas	430/903	2038	1Q	2036	4Q	2037	1Q	2040	1Q					5Q	a,h
Texas	512/737	2035	2Q	2034	4Q	2036	2Q	2036	3Q	2046	1Q	2046	3Q	2Q	a
Texas	682/817	2036	4Q	2037	1Q	2038	2Q	2039	2Q	2045	4Q	2046	4Q	-1Q	b
Utah	435	2040	4Q	2038	1Q	2044	1Q	2052	2Q			2049	4Q	11Q	a,h
Utah	385/801	2032	1Q	2031	3Q	2032	4Q	2034	3Q	2038	2Q	2036	4Q	2Q	a
Vermont	802	2036	1Q	2035	4Q	2034	4Q	2038	4Q	2039	2Q	2043	1Q	1Q	a
Virgin Islands	340	2089	3Q	2090	1Q	2090	1Q	2097	1Q					-2Q	b,h
Virginia	276	2044	3Q	2044	4Q	2051	3Q	2054	1Q					-1Q	b,h
Virginia	434	2034	4Q	2034	3Q	2034	3Q	2035	4Q	2048	3Q			1Q	a,h
Virginia	804	2024	3Q	2024	3Q	2025	1Q	2025	3Q	2025	4Q	2026	3Q	N/C	
Virginia	540/826	2044	3Q	2022	2Q	2022	2Q	2022	2Q	2022	2Q	2022	4Q	89Q	f
Virginia	571/703	2031	3Q	2031	2Q	2030	4Q	2031	3Q	2033	2Q	2035	2Q	1Q	a
Virginia	757/948	2047	2Q	2022	2Q	2022	1Q	2022	1Q	2022	3Q	2023	2Q	100Q	f
Washington	206	2025	4Q	2025	3Q	2026	1Q	2025	4Q	2025	4Q	2027	2Q	1Q	a,i
Washington	253	2052	2Q	2052	1Q	2052	1Q	2058	2Q					1Q	a,h
Washington	425	2034	1Q	2033	3Q	2035	2Q	2040	1Q	2045	2Q	2042	3Q	2Q	a
Washington	509	2027	1Q	2026	2Q	2025	1Q	2024	3Q	2026	2Q	2026	2Q	3Q	a
Washington	360/564	2058	4Q	2062	4Q	2066	4Q	2078	3Q					-16Q	b,h
West Virginia	304/681	2031	1Q	2029	4Q	2030	3Q	2031	3Q	2034	4Q	2033	1Q	5Q	a
Wisconsin	262	2034	2Q	2031	4Q	2033	3Q	2039	4Q	2041	2Q			10Q	a,h
Wisconsin	414	2048	1Q	2046	4Q	2048	1Q	2049	4Q					5Q	a,h
Wisconsin	608	2024	1Q	2024	1Q	2025	2Q	2025	1Q	2025	2Q	2026	3Q	N/C	
Wisconsin	920	2024	1Q	2023	4Q	2024	3Q	2027	1Q	2028	3Q	2027	2Q	1Q	a
Wisconsin	534/715	2055	3Q	2054	4Q	2058	3Q	2071	2Q					3Q	a,h
Wyoming	307	2040	4Q	2039	4Q	2041	3Q	2045	1Q					4Q	a,h

Based on NRUF and CO Code Data as of 9/01/2022

## 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 2043, there is generally no exhaust date provided.
- e. NPA is at exhaust. No codes available except for returns.
- f. New NPA added. The exhaust date moved out due to a new area code implemented, however demand in these areas have not decreased.
- g. Area Code 321A includes only Brevard County Florida; 321/407/689 includes the Counties around Orlando in Central Florida.
- h. NPA Exhaust beyond 30 years is not populated for NRUF reporting cycles prior to 2021.1.
- i. Delta NRUF issued between publication of NRUF and NPA Exhaust Analysis.