Output 1 Listing of Incidents Reported via Form R Partial Output - Max of 25 Records for Federal Flag = Yes/No

Chemical Classification	Hazardous Air Pollutant Flag	Carcinogen Flag	PFAS Flag
PBT	NO	YES	NO
PBT	NO	YES	NO
TRI	NO	NO	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
TRI	YES	NO	NO
TRI	NO	NO	NO
PBT	NO	YES	NO
TRI	NO	NO	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
PBT	NO	YES	NO
TRI	NO	NO	NO
TRI	YES	NO	NO
TRI	NO	NO	NO
TRI	YES	NO	NO

Chemical Classification	Hazardous Air Pollutant Flag	Carcinogen Flag	PFAS Flag
TRI	YES	YES	NO
TRI	NO	NO	NO
TRI	NO	NO	NO
TRI	NO	NO	NO
TRI	YES	YES	NO
TRI	YES	NO	NO
TRI	YES	YES	NO
PBT	YES	YES	NO
TRI	YES	NO	NO
TRI	NO	NO	NO
TRI	YES	NO	NO
TRI	YES	YES	NO
TRI	NO	NO	NO
TRI	YES	YES	NO
TRI	NO	NO	NO
TRI	YES	YES	NO
TRI	YES	YES	NO
TRI	NO	NO	NO
PBT	YES	NO	NO
TRI	YES	YES	NO
TRI	YES	YES	NO
PBT	YES	YES	NO
TRI	NO	NO	NO
TRI	YES	YES	NO
TRI	YES	NO	NO

Output 2

Selected Summary Statistics of Total Air Pollution and Total Stream Discharge

Variable: AirTotal (Total Air Emissions) Variable: DischargeTotal (Total Discharge)

	Moments				Moments			
N	476646	Sum Weights	476646	N	127091	Sum Weights	127091	
Mean	7237.84914	Sum Observations	3449891841	Mean	9295.02921	Sum Observations	1181314557	
Std Deviation	99665.6628	Variance	9933244348	Std Deviation	150031.613	Variance	2.25095E10	
Skewness	83.892447	Kurtosis	11667.2023	Skewness	46.3264759	Kurtosis	3160.2401	
Uncorrected SS	4.7596E15	Corrected SS	4.73463E15	Uncorrected SS	2.87171E15	Corrected SS	2.86073E15	
Coeff Variation	1377.00663	Std Error Mean	144.360236	Coeff Variation	1614.10588	Std Error Mean	420.84811	

Basic Statistical Measures					
Loc	ation	Variability			
Mean	7237.849	Std Deviation	99666		
Median	6.260	Variance	9933244348		
Mode	0.000	Range	17910200		
		Interquartile Range	417.00000		

Basic Statistical Measures					
Loc	ation	Variability			
Mean	9295.029	Std Deviation	150032		
Median	0.002	Variance	2.25095E10		
Mode	0.000	Range	15603660		
		Interquartile Range	13.00000		

Missing Values					
Percent Of					
Missing Value	Count	All Obs	Missing Obs		
	349555	73.34	100.00		

Output 3 Frequency-Ordered Summary of Facility Locations (State) Only Unique Locations Included

		Facility Sta	ate	
FacState	Frequency	Percent	Cumulative Frequency	Cumulative Percent
TX	2431	9.13	2431	9.13
ОН	1568	5.89	3999	15.02
CA	1481	5.56	5480	20.58
PA	1273	4.78	6753	25.36
IL	1194	4.48	7947	29.84
IN	1065	4.00	9012	33.84
WI	1013	3.80	10025	37.64
NC	947	3.56	10972	41.20
MI	941	3.53	11913	44.73
FL	890	3.34	12803	48.07
GA	890	3.34	13693	51.41
TN	755	2.83	14448	54.25
NY	718	2.70	15166	56.94
AL	677	2.54	15843	59.49
SC	672	2.52	16515	62.01
МО	633	2.38	17148	64.39
MN	604	2.27	17752	66.65
IA	561	2.11	18313	68.76
VA	520	1.95	18833	70.71
ОК	505	1.90	19338	72.61
KY	499	1.87	19837	74.48
LA	478	1.79	20315	76.28
MA	454	1.70	20769	77.98
AR	443	1.66	21212	79.65
NJ	415	1.56	21627	81.20
KS	410	1.54	22037	82.74
MS	394	1.48	22431	84.22

Output 3 Frequency-Ordered Summary of Facility Locations (State) Only Unique Locations Included

		Facility Sta	ate	
FacState	Frequency	Percent	Cumulative Frequency	Cumulative Percent
WA	384	1.44	22815	85.66
AZ	361	1.36	23176	87.02
OR	347	1.30	23523	88.32
СО	327	1.23	23850	89.55
СТ	316	1.19	24166	90.74
UT	251	0.94	24417	91.68
NE	238	0.89	24655	92.57
WV	214	0.80	24869	93.38
MD	211	0.79	25080	94.17
NV	195	0.73	25275	94.90
NH	148	0.56	25423	95.46
ID	136	0.51	25559	95.97
SD	125	0.47	25684	96.44
PR	123	0.46	25807	96.90
NM	115	0.43	25922	97.33
ND	106	0.40	26028	97.73
ME	99	0.37	26127	98.10
RI	92	0.35	26219	98.45
WY	83	0.31	26302	98.76
MT	80	0.30	26382	99.06
DE	68	0.26	26450	99.31
AK	58	0.22	26508	99.53
VT	45	0.17	26553	99.70
НІ	39	0.15	26592	99.85
DC	14	0.05	26606	99.90
GU	10	0.04	26616	99.94
MP	8	0.03	26624	99.97

Output 3 Frequency-Ordered Summary of Facility Locations (State) Only Unique Locations Included

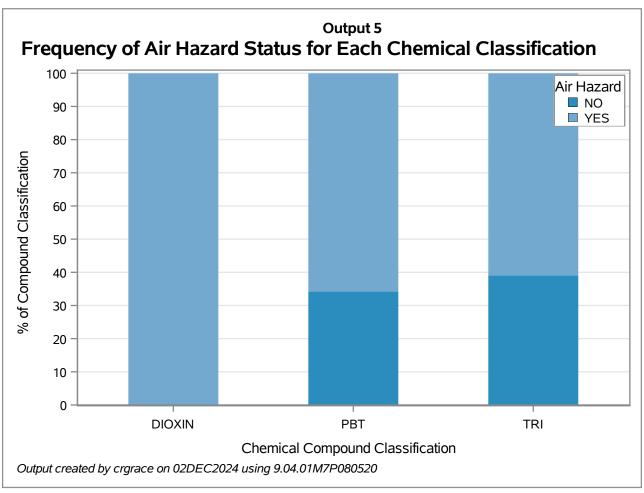
Facility State							
FacState Frequency Percent Cumulative Frequency Percent Percent							
VI	8	0.03	26632	100.00			
AS	1	0.00	26633	100.00			

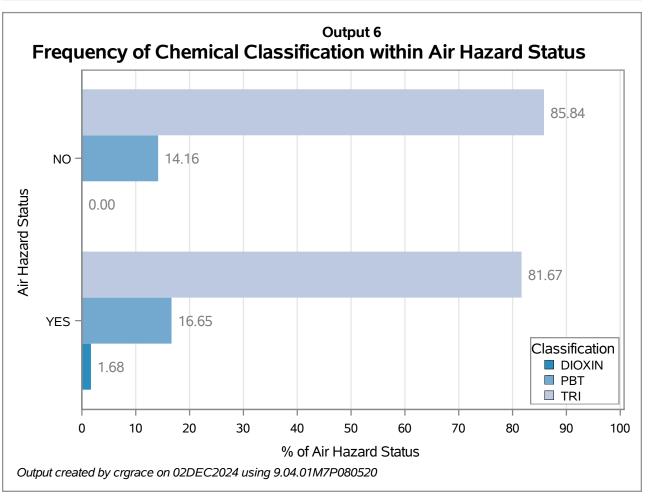
Output 4 Frequency-Ordered Summary of Facility Locations (State)

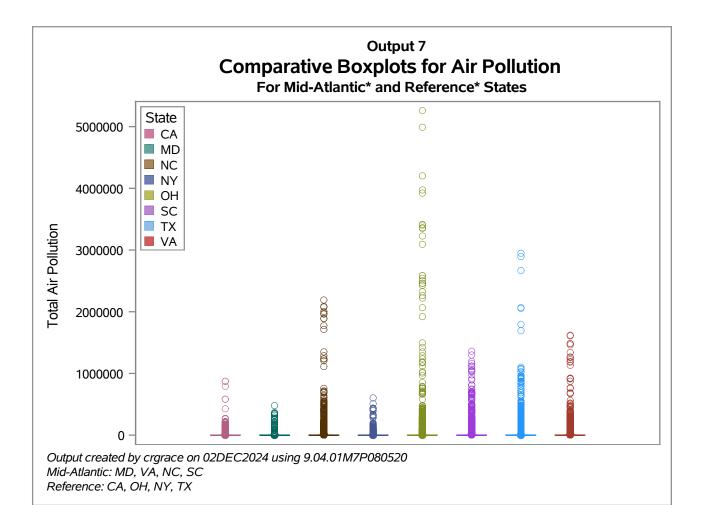
		Facility State						
FacState	Frequency	Percent	Cumulative Frequency	Cumulative Percent				
TX	53694	11.26	53694	11.26				
ОН	29922	6.28	83616	17.54				
IL	22445	4.71	106061	22.25				
CA	21946	4.60	128007	26.86				
PA	21492	4.51	149499	31.36				
IN	20247	4.25	169746	35.61				
MI	18205	3.82	187951	39.43				
LA	17610	3.69	205561	43.13				
WI	16560	3.47	222121	46.60				
NC	13554	2.84	235675	49.44				
GA	13529	2.84	249204	52.28				
TN	13272	2.78	262476	55.07				
AL	13237	2.78	275713	57.84				
SC	11863	2.49	287576	60.33				
МО	11227	2.36	298803	62.69				
KY	10975	2.30	309778	64.99				
FL	10828	2.27	320606	67.26				
IA	10797	2.27	331403	69.53				
NY	10582	2.22	341985	71.75				
MN	9037	1.90	351022	73.64				
AR	8677	1.82	359699	75.46				
ОК	8414	1.77	368113	77.23				
VA	7733	1.62	375846	78.85				
KS	7363	1.54	383209	80.40				
MS	6677	1.40	389886	81.80				
NJ	6404	1.34	396290	83.14				
WA	6380	1.34	402670	84.48				
UT	5581	1.17	408251	85.65				

Output 4 Frequency-Ordered Summary of Facility Locations (State)

		Facility Sta	ate	
FacState	Frequency	Percent	Cumulative Frequency	Cumulative Percent
MA	5547	1.16	413798	86.81
AZ	5428	1.14	419226	87.95
OR	5171	1.08	424397	89.04
NE	5141	1.08	429538	90.12
СО	4871	1.02	434409	91.14
WV	4721	0.99	439130	92.13
СТ	4183	0.88	443313	93.01
NV	4146	0.87	447459	93.88
MD	2952	0.62	450411	94.50
ND	2738	0.57	453149	95.07
ID	2504	0.53	455653	95.60
MT	2118	0.44	457771	96.04
WY	2096	0.44	459867	96.48
AK	2059	0.43	461926	96.91
SD	2038	0.43	463964	97.34
NM	2022	0.42	465986	97.76
ME	1948	0.41	467934	98.17
PR	1937	0.41	469871	98.58
NH	1758	0.37	471629	98.95
RI	1426	0.30	473055	99.25
DE	1118	0.23	474173	99.48
HI	1068	0.22	475241	99.71
VT	590	0.12	475831	99.83
GU	248	0.05	476079	99.88
VI	247	0.05	476326	99.93
MP	174	0.04	476500	99.97
DC	124	0.03	476624	100.00
AS	22	0.00	476646	100.00







Output 8 Analysis of Air Pollution and Stream Discharge Limited to Chemicals Classified as PBT Excluding 2020

			Α	Air Pollution			am Disch	narge
Report Year	HazAir	Carc	Mean	Std. Dev.	Count	Mean	Std. Dev.	Count
2023	NO	NO	26.7	263.49	132	0.4	1.12	21
		YES	42.5	1536.16	4,064	7.7	92.15	897
	YES	NO	44.9	382.49	6,119	15.7	108.74	2,528
		YES	147.0	1870.62	1,763	12.8	160.73	597
2023			58.8	1175.00	12,078	13.4	114.43	4,043
2022	NO	NO	43.8	346.15	77	7.8	25.08	19
		YES	18.0	157.34	4,109	6.9	75.38	871
	YES	NO	54.3	600.35	6,278	15.6	109.00	2,623
		YES	128.2	1515.49	1,825	7.4	68.29	646
2022			53.0	731.64	12,289	12.5	97.07	4,159
2021	NO	NO	49.7	368.77	68	9.4	26.95	16
		YES	15.7	142.79	4,113	6.5	54.45	815
	YES	NO	47.6	389.48	6,306	15.9	101.42	2,568
		YES	139.3	1529.86	1,802	9.3	70.86	647
2021			50.4	655.74	12,289	12.9	89.13	4,046
2019	NO	NO	64.9	320.12	57	0.5	1.24	17
		YES	14.5	121.88	4,271	4.8	30.64	863
	YES	NO	55.1	644.68	6,577	18.7	111.87	2,719
		YES	150.7	2009.29	1,852	18.8	237.34	659
2019			55.4	898.55	12,757	15.8	130.08	4,258
2018	NO	NO	49.5	269.24	58	0.5	1.31	15
		YES	12.4	97.41	4,400	5.9	37.58	848
	YES	NO	60.3	820.98	6,672	20.4	145.42	2,792
		YES	130.4	1922.39	1,882	9.7	71.49	665
2018			54.2	940.65	13,012	15.8	121.52	4,320

Output 9 Analysis of Air Pollution and Stream Discharge Limited to Chemicals Classified as PBT Excluding 2020

			Air Pollution			Stream Discharge			
Report Year	HazAir	Carc	Mean	Std. Dev.	Count	Mean	Std. Dev.	Count	
2023	NO	NO	26.7	263.49	132	0.4	1.12	21	
	NO	YES	42.5	1536.16	4,064	7.7	92.15	897	
	YES	NO	44.9	382.49	6,119	15.7	108.74	2,528	
	YES	YES	147.0	1870.62	1,763	12.8	160.73	597	
2023			58.8	1175.00	12,078	13.4	114.43	4,043	
2022	NO	NO	43.8	346.15	77	7.8	25.08	19	
	NO	YES	18.0	157.34	4,109	6.9	75.38	871	
	YES	NO	54.3	600.35	6,278	15.6	109.00	2,623	
	YES	YES	128.2	1515.49	1,825	7.4	68.29	646	
2022			53.0	731.64	12,289	12.5	97.07	4,159	
2021	NO	NO	49.7	368.77	68	9.4	26.95	16	
	NO	YES	15.7	142.79	4,113	6.5	54.45	815	
	YES	NO	47.6	389.48	6,306	15.9	101.42	2,568	
	YES	YES	139.3	1529.86	1,802	9.3	70.86	647	
2021			50.4	655.74	12,289	12.9	89.13	4,046	
2019	NO	NO	64.9	320.12	57	0.5	1.24	17	
	NO	YES	14.5	121.88	4,271	4.8	30.64	863	
	YES	NO	55.1	644.68	6,577	18.7	111.87	2,719	
	YES	YES	150.7	2009.29	1,852	18.8	237.34	659	
2019			55.4	898.55	12,757	15.8	130.08	4,258	
2018	NO	NO	49.5	269.24	58	0.5	1.31	15	
	NO	YES	12.4	97.41	4,400	5.9	37.58	848	
	YES	NO	60.3	820.98	6,672	20.4	145.42	2,792	
	YES	YES	130.4	1922.39	1,882	9.7	71.49	665	
2018			54.2	940.65	13,012	15.8	121.52	4,320	

Output 10

Color-Coded Analysis of Air Pollution and Stream Discharge

Limited to Chemicals Classified as PBT Excluding 2020

			Air Pollution			Stream Discharge			
Report Year	HazAir	Carc	Mean	Std. Dev.	Count	Mean	Std. Dev.	Count	
2023	NO	NO	26.7	263.49	132	0.4	1.12	21	
	NO	YES	42.5	1536.16	4,064	7.7	92.15	897	
	YES	NO	44.9	382.49	6,119	15.7	108.74	2,528	
	YES	YES	147.0	1870.62	1,763	12.8	160.73	597	
2023			58.8	1175.00	12,078	13.4	114.43	4,043	
2022	NO	NO	43.8	346.15	77	7.8	25.08	19	
	NO	YES	18.0	157.34	4,109	6.9	75.38	871	
	YES	NO	54.3	600.35	6,278	15.6	109.00	2,623	
	YES	YES	128.2	1515.49	1,825	7.4	68.29	646	
2022			53.0	731.64	12,289	12.5	97.07	4,159	
2021	NO	NO	49.7	368.77	68	9.4	26.95	16	
	NO	YES	15.7	142.79	4,113	6.5	54.45	815	
	YES	NO	47.6	389.48	6,306	15.9	101.42	2,568	
	YES	YES	139.3	1529.86	1,802	9.3	70.86	647	
2021			50.4	655.74	12,289	12.9	89.13	4,046	
2019	NO	NO	64.9	320.12	57	0.5	1.24	17	
	NO	YES	14.5	121.88	4,271	4.8	30.64	863	
	YES	NO	55.1	644.68	6,577	18.7	111.87	2,719	
	YES	YES	150.7	2009.29	1,852	18.8	237.34	659	
2019			55.4	898.55	12,757	15.8	130.08	4,258	
2018	NO	NO	49.5	269.24	58	0.5	1.31	15	
	NO	YES	12.4	97.41	4,400	5.9	37.58	848	
	YES	NO	60.3	820.98	6,672	20.4	145.42	2,792	
	YES	YES	130.4	1922.39	1,882	9.7	71.49	665	
2018			54.2	940.65	13,012	15.8	121.52	4,320	
Air Pollutant Color-Coding:0, <25, 25-50, 50-100, >100									

Output 11 Color-Coded* Analysis of Air Pollution and Stream Discharge

Limited to Chemicals Classified as PBT Excluding 2020

			Air Pollution			Stream Discharge			
Report Year	HazAir	Carc	Mean	Std. Dev.	Count	Mean	Std. Dev.	Count	
2023	NO	NO	26.7	263.49	132	0.4	1.12	21	
	NO	YES	42.5	1536.16	4,064	7.7	92.15	897	
	YES	NO	44.9	382.49	6,119	15.7	108.74	2,528	
	YES	YES	147.0	1870.62	1,763	12.8	160.73	597	
2023			58.8	1175.00	12,078	13.4	114.43	4,043	
2022	NO	NO	43.8	346.15	77	7.8	25.08	19	
	NO	YES	18.0	157.34	4,109	6.9	75.38	871	
	YES	NO	54.3	600.35	6,278	15.6	109.00	2,623	
	YES	YES	128.2	1515.49	1,825	7.4	68.29	646	
2022			53.0	731.64	12,289	12.5	97.07	4,159	
2021	NO	NO	49.7	368.77	68	9.4	26.95	16	
	NO	YES	15.7	142.79	4,113	6.5	54.45	815	
	YES	NO	47.6	389.48	6,306	15.9	101.42	2,568	
	YES	YES	139.3	1529.86	1,802	9.3	70.86	647	
2021			50.4	655.74	12,289	12.9	89.13	4,046	
2019	NO	NO	64.9	320.12	57	0.5	1.24	17	
	NO	YES	14.5	121.88	4,271	4.8	30.64	863	
	YES	NO	55.1	644.68	6,577	18.7	111.87	2,719	
	YES	YES	150.7	2009.29	1,852	18.8	237.34	659	
2019			55.4	898.55	12,757	15.8	130.08	4,258	
2018	NO	NO	49.5	269.24	58	0.5	1.31	15	
	NO	YES	12.4	97.41	4,400	5.9	37.58	848	
	YES	NO	60.3	820.98	6,672	20.4	145.42	2,792	
	YES	YES	130.4	1922.39	1,882	9.7	71.49	665	
2018			54.2	940.65	13,012	15.8	121.52	4,320	

CarcFL=N coloring:0, <25, 25-50, 50-100, >100 CarcFL=Y coloring:0, <40, 40-80, 80-100, >100