

Table 1. Final 2002 WRAP Point Sources Emissions Inventory (Revised)

State	StateFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Alaska	02	75,651	7,374	5,697	27,972	5,989	1,281	578
Arizona	04	109,830	119,142	7,817	21,732	15,676	5,129	723
California	06	113,768	51,696	57,707	122,911	961	886	3,969
Colorado	08	117,869	97,011	91,750	35,951	21,125	29	539
Idaho	16	11,486	17,597	2,113	23,981	1,085	443	1,074
Montana	30	53,415	36,879	7,577	33,199	8,127	309	318
Nevada	32	59,737	50,720	2,213	11,083	4,738	1,075	629
New Mexico	35	141,937	70,546	17,868	39,005	3,843	2,678	75
North Dakota	38	87,425	156,668	2,086	11,944	3,277	2,712	518
Oregon	41	28,204	18,783	37,703	54,286	15,206	12,504	952
South Dakota	46	20,697	14,022	2,542	4,700	974	246	100
Utah	49	91,044	42,838	7,482	51,572	12,904	4,473	1,937
Washington	53	44,255	44,759	18,838	46,904	8,847	3,843	3,876
Wyoming	56	117,883	119,645	19,663	36,361	31,731	13,653	685
Tribes (Total)		10,069	1,353	1,177	1,793	2,242	77	
Total		1,083,270	849,032	282,234	523,392	136,724	49,337	15,972
Tribe	TribalFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Arapahoe Tribe of the Wind River Reservation	281	54	939	60		11		
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation	206	151	1	25	104	42		
Cabazon Band of Cahuilla Mission Indians of the Cabazon Reservation	568	190	52	11	4	9		
Coeur d'Alene Tribe of the Coeur d'Alene Reservation	181	323	12	289	569	1,127		
Confederated Tribes and Bands of the Yakama Nation	124	60	16	120	95	96		
Confederated Tribes of the Colville Reservation	101	227	22	58	570	308		
Confederated Tribes of the Umatilla Reservation	143					6	1	
Fort Mojave Indian Tribe of Arizona	604					13		
Gila River Indian Community of the Gila River Indian Reservation	614	65	15	124	69	181		
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation	577	1	0	0	0	5		
Navajo Nation	780	6,242	174	382	117	15		
Pueblo of Laguna	707	1,438	0	10				
Pueblo of Santa Ana	715	209	53	49	64	54		
Salt River Pima-Maricopa Indian Community of the Salt River Reservation	615	212	66	29	95	284	69	
Shoshone-Bannock Tribes of the Fort Hall Reservation	180	855	1	20	106	2		
Tohono O'Odham Nation	610	42	3			68		
Ute Mountain Tribe of the Ute Mountain Reservation	751					23	7	
Total		10,069	1,353	1,177	1,793	2,242	77	

**Table 2. Final 2002 WRAP Area Sources Emissions Inventory (Revised)
(Includes Oil and Gas)**

State	StateFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Alaska	02	8,488	5,531	13,020	27,258	15,042	5,474	472
Arizona	04	9,049	2,677	108,332	49,957	99,963	28,290	5,922
California	06	126,756	37,693	449,800	489,791	169,006	60,281	13,497
Colorado	08	34,846	6,559	124,578	87,628	157,875	42,612	77
Idaho	16	30,318	2,916	123,944	34,271	50,992	5,729	1,684
Montana	30	12,072	3,299	55,104	36,903	153,207	35,456	460
Nevada	32	5,787	12,954	29,977	13,737	68,009	16,074	1,120
New Mexico	35	85,576	6,559	219,124	37,284	109,381	26,626	635
North Dakota	38	50,678	124,080	69,955	37,942	329,494	68,097	464
Oregon	41	14,825	9,932	251,815	352,955	177,460	69,096	227
South Dakota	46	6,345	10,167	42,661	24,249	209,041	45,029	381
Utah	49	12,337	8,008	108,063	43,022	30,515	5,095	1,987
Washington	53	18,355	7,388	215,589	222,970	283,683	93,612	4,471
Wyoming	56	34,891	17,902	140,248	29,292	37,511	10,804	389
Tribes (Total)		2,932	49	8,472	283	1,978	398	0
Total		453,257	255,715	1,960,682	1,487,543	1,893,156	512,671	31,784
Tribes	TribalFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Arapahoe Tribe of the Wind River Reservation	281	1,169	46	3,961	49			
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation	206	57	1	1,374	118	1,976	398	0
Cortina Indian Rancheria of Wintun Indians of California	513	0	0	0	2	2		
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation	577	0	0	0	0	0	0	
Navajo Nation	780	1,167	2	2,344	101			
Ute Mountain Tribe of the Ute Mountain Reservation	751	539	0	793	13			
Total		2,932	49	8,472	283	1,978	398	0

Table 3. Draft 2018 WRAP Point Sources Emissions Inventory

State	StateFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Alaska	02	74,168	9,482	7,520	33,694	3,693	397	1,040
Arizona	04	121,323	145,320	12,171	32,149	17,013	6,719	919
California	06	--	--	--	--	--	--	--
Colorado	08	108,577	63,793	122,662	50,226	27,909	366	596
Idaho	16	12,730	9,136	3,050	35,738	1,509	663	1,650
Montana	30	59,289	39,412	10,506	56,513	10,478	606	420
Nevada	32	74,527	28,380	3,960	17,308	6,158	1,904	716
New Mexico	35	134,667	79,202	23,769	55,299	3,309	2,013	119
North Dakota	38	87,498	153,446	2,387	13,952	3,650	2,913	523
Oregon	41	34,187	22,390	57,780	80,321	19,502	21,818	1,026
South Dakota	46	23,620	14,585	3,528	6,960	1,071	284	102
Utah	49	95,349	40,542	11,480	85,398	17,030	5,649	2,061
Washington	53	53,685	53,363	29,024	74,128	10,041	5,020	5,501
Wyoming	56	120,148	131,411	26,177	47,791	41,705	19,324	811
Tribes (Total)		8,737	1,941	1,903	2,322	2,889	102	
Total		1,008,505	792,403	315,917	591,799	165,957	67,778	15,483
Tribe	TribalFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Arapahoe Tribe of the Wind River Reservation	281	37	1,443	72		17		
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation	206	86	1	31	121	51		
Cabazon Band of Cahuilla Mission Indians of the Cabazon Reservation	568	268	73	15	6	13		
Coeur d'Alene Tribe of the Coeur d'Alene Reservation	181	363	15	378	690	1,518		
Confederated Tribes and Bands of the Yakama Nation	124	64	15	191	144	123		
Confederated Tribes of the Colville Reservation	101	245	34	87	867	306		
Confederated Tribes of the Umatilla Reservation	143					7	1	
Fort Mojave Indian Tribe of Arizona	604	170	17	383		31		
Gila River Indian Community of the Gila River Indian Reservation	614	86	17	180	92	255		
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation	577	2	0	0	1	6		
Navajo Nation	780	4,512	218	448	171	1		
Pueblo of Laguna	707	2,038	0	13				
Pueblo of Santa Ana	715	209	53	49	64	64		
Salt River Pima-Maricopa Indian Community of the Salt River Reservation	615	180	50	41	83	382	92	
Shoshone-Bannock Tribes of the Fort Hall Reservation	180	427	1	16	85	1		
Tohono O'Odham Nation	610	48	3			82		
Ute Mountain Tribe of the Ute Mountain Reservation	751					32	10	
Total		8,737	1,941	1,903	2,322	2,889	102	

California 2018 projections not yet available.

**Table 4. Draft 2018 WRAP Area Sources Emissions Inventory
(Includes Oil and Gas)**

State	StateFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Alaska	02	9,156	6,044	16,447	29,055	21,531	6,878	639
Arizona	04	12,559	3,410	171,415	70,097	138,475	39,455	9,457
California	06	--	--	--	--	--	--	--
Colorado	08	41,236	7,499	170,284	94,207	185,238	48,423	97
Idaho	16	42,068	2,721	194,210	40,971	62,881	7,703	2,288
Montana	30	17,242	3,432	67,810	41,312	173,892	40,015	608
Nevada	32	7,439	14,194	47,626	17,479	97,756	23,313	1,646
New Mexico	35	71,764	15,731	354,362	47,045	144,259	34,664	910
North Dakota	38	53,293	135,846	83,399	39,152	357,265	73,534	568
Oregon	41	16,990	8,422	334,892	380,524	225,925	81,745	250
South Dakota	46	6,813	11,667	50,100	25,111	226,750	48,648	502
Utah	49	21,272	5,206	206,383	45,990	34,374	5,805	2,759
Washington	53	22,746	8,667	277,285	253,012	348,521	114,177	7,022
Wyoming	56	76,513	23,109	430,053	34,351	45,027	12,436	514
Tribes (Total)		2,526	2	17,858	548	2,062	412	0
Total		401,616	245,950	2,422,124	1,118,854	2,063,956	537,207	27,260
Tribes	TribalFIPS	NO _x -tpy	SO ₂ -tpy	VOC-tpy	CO-tpy	PM ₁₀ -PRI tpy	PM _{2.5} -PRI tpy	NH ₃ -tpy
Arapahoe Tribe of the Wind River Reservation	281	943	0	10,180	133			
Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation	206	80	2	2,108	141	2,060	412	0
Cortina Indian Rancheria of Wintun Indians of California	513	0	0	1	2	2		
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation	577	0	0	0	0	0	0	
Navajo Nation	780	1,373	0	4,546	255			
Ute Mountain Tribe of the Ute Mountain Reservation	751	129	0	1,023	16			
Total		2,526	2	17,858	548	2,062	412	0

California 2018 projections not yet available.

Table 5. Final 2002-to-Draft 2018 Emissions Inventory Comparison: Point Sources

State/Tribe	StateFIPs	Tons Per Year Change (2018 tons - 2002 tons)						
		NO _x	SO ₂	VOC	CO	PM ₁₀ -PRI	PM _{2.5} -PRI	NH ₃
Alaska	02	-1,483	2,108	1,823	5,722	-2,296	-884	462
Arizona	04	11,493	26,178	4,353	10,417	1,338	1,591	196
California	06							
Colorado	08	-9,292	-33,218	30,912	14,275	6,784	337	57
Idaho	16	1,244	-8,461	937	11,758	425	220	576
Montana	30	5,874	2,533	2,929	23,314	2,351	297	102
Nevada	32	14,789	-22,340	1,747	6,225	1,420	829	86
New Mexico	35	-7,270	8,656	5,901	16,293	-534	-665	44
North Dakota	38	73	-3,222	301	2,008	373	201	5
Oregon	41	5,983	3,607	20,077	26,035	4,296	9,314	74
South Dakota	46	2,923	563	986	2,261	97	38	2
Utah	49	4,306	-2,295	3,998	33,826	4,127	1,176	124
Washington	53	9,430	8,604	10,186	27,224	1,194	1,177	1,625
Wyoming	56	2,265	11,766	6,514	11,430	9,974	5,671	126
Tribes (Total)		-1,333	588	726	530	647	26	
State/Tribe	StateFIPs	Percentage Change ((2018 tons - 2002 tons)/2002 tons)						
		NO _x	SO ₂	VOC	CO	PM ₁₀ -PRI	PM _{2.5} -PRI	NH ₃
Alaska	02	-2%	29%	32%	20%	-38%	-69%	80%
Arizona	04	10%	22%	56%	48%	9%	31%	27%
California	06							
Colorado	08	-8%	-34%	34%	40%	32%	1163%	11%
Idaho	16	11%	-48%	44%	49%	39%	50%	54%
Montana	30	11%	7%	39%	70%	29%	96%	32%
Nevada	32	25%	-44%	79%	56%	30%	77%	14%
New Mexico	35	-5%	12%	33%	42%	-14%	-25%	59%
North Dakota	38	0%	-2%	14%	17%	11%	7%	1%
Oregon	41	21%	19%	53%	48%	28%	74%	8%
South Dakota	46	14%	4%	39%	48%	10%	15%	2%
Utah	49	5%	-5%	53%	66%	32%	26%	6%
Washington	53	21%	19%	54%	58%	13%	31%	42%
Wyoming	56	2%	10%	33%	31%	31%	42%	18%
Tribes (Total)		-13%	43%	62%	30%	29%	33%	

Table 6. Final 2002-to-Draft 2018 Emissions Inventory Comparison: Area Sources

State	StateFIPs	Tons Per Year Change (2018 tons - 2002 tons)						
		NO _x	SO ₂	VOC	CO	PM ₁₀ -PRI	PM _{2.5} -PRI	NH ₃
Alaska	02	669	512	3,427	1,797	6,489	1,404	167
Arizona	04	3,510	733	63,083	20,140	38,512	11,166	3,536
California	06							
Colorado	08	6,390	940	45,706	6,579	27,363	5,811	20
Idaho	16	11,750	-196	70,266	6,700	11,888	1,974	605
Montana	30	5,170	133	12,705	4,409	20,685	4,560	148
Nevada	32	1,651	1,240	17,648	3,743	29,747	7,239	526
New Mexico	35	-13,812	9,172	135,238	9,760	34,878	8,038	274
North Dakota	38	2,615	11,766	13,444	1,210	27,771	5,438	104
Oregon	41	2,164	-1,510	83,077	27,569	48,465	12,648	23
South Dakota	46	468	1,501	7,440	862	17,709	3,620	121
Utah	49	8,934	-2,802	98,320	2,967	3,859	710	772
Washington	53	4,391	1,279	61,696	30,042	64,838	20,564	2,551
Wyoming	56	41,622	5,207	289,805	5,059	7,516	1,632	125
Tribes (Total)		-406	-47	9,386	265	84	14	0
State	StateFIPs	Percentage Change ((2018 tons - 2002 tons)/2002 tons)						
		NO _x	SO ₂	VOC	CO	PM ₁₀ -PRI	PM _{2.5} -PRI	NH ₃
Alaska	02	8%	9%	26%	7%	43%	26%	35%
Arizona	04	39%	27%	58%	40%	39%	39%	60%
California	06							
Colorado	08	18%	14%	37%	8%	17%	14%	26%
Idaho	16	39%	-7%	57%	20%	23%	34%	36%
Montana	30	43%	4%	23%	12%	14%	13%	32%
Nevada	32	29%	10%	59%	27%	44%	45%	47%
New Mexico	35	-16%	140%	62%	26%	32%	30%	43%
North Dakota	38	5%	9%	19%	3%	8%	8%	23%
Oregon	41	15%	-15%	33%	8%	27%	18%	10%
South Dakota	46	7%	15%	17%	4%	8%	8%	32%
Utah	49	72%	-35%	91%	7%	13%	14%	39%
Washington	53	24%	17%	29%	13%	23%	22%	57%
Wyoming	56	119%	29%	207%	17%	20%	15%	32%
Tribes (Total)		-14%	-96%	111%	94%	4%	4%	41%