

2002 State Summary of Emissions by Source (tons/year)

County		CO	NOx	PM10	PM2.5	SOx *	VOC
Beaver	Area Source	425.69	76.48	598.01	111.04	138.33	256.33
	Non-Road Mobile	565.19	737.51	13.63	12.49	49.22	103.69
	On-Road Mobile	10,911.97	1,091.99	323.66	61.76	26.21	683.58
	Point Source	5.99	20.94	45.81	4.89	1.96	1.71
	Biogenics	5,354.67	0.00	0.00	0.00	0.00	29,041.00
	Wild Fires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	17,263.51	1,926.92	981.11	190.18	215.72	30,086.31
Box Elder	Area Source	2,326.60	145.53	2,336.02	708.50	23.93	1,310.79
	Non-Road Mobile	3,253.15	2,061.05	79.30	72.87	112.72	689.51
	On-Road Mobile	41,911.79	4,209.88	1,280.41	244.44	104.93	2,539.70
	Point Source	1,142.37	400.26	595.81	116.96	73.64	354.66
	Biogenics	6,990.18	0.00	0.00	0.00	0.00	33,584.84
	Wild Fires	67.45	1.93	8.19	7.37	0.00	11.51
	Total	55,691.54	6,818.65	4,299.73	1,150.14	315.22	38,491.01
Cache	Area Source	1,483.76	265.16	1,587.67	462.14	68.04	2,116.67
	Non-Road Mobile	4,235.04	842.97	61.89	56.99	21.77	555.24
	On-Road Mobile	34,164.24	2,884.07	1,071.96	204.25	89.26	2,568.43
	Point Source	64.18	79.51	26.26	11.30	11.84	173.47
	Biogenics	2,183.81	0.00	0.00	0.00	0.00	13,264.42
	Wild Fires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	42,131.03	4,071.71	2,747.78	734.68	190.91	18,678.23
Carbon	Area Source	3,440.52	153.04	330.50	69.81	225.69	578.22
	Non-Road Mobile	1,139.62	409.37	10.88	9.99	25.59	201.66
	On-Road Mobile	15,485.51	1,247.35	463.11	88.20	37.81	1,185.33
	Point Source	349.92	4,035.54	313.50	128.04	7,793.28	135.18
	Biogenics	2,868.56	0.00	0.00	0.00	0.00	15,708.79
	Wild Fires	1,146.63	32.76	139.23	125.31	0.00	195.66
	Total	24,430.76	5,878.06	1,257.22	421.35	8,082.37	18,004.84
Daggett	Area Source	35.15	1.07	152.12	24.58	2.06	45.00
	Non-Road Mobile	262.29	14.24	1.70	1.56	0.77	104.98
	On-Road Mobile	1,257.58	100.01	35.95	6.87	2.99	88.61
	Point Source	82.92	834.61	3.63	2.32	0.00	72.18
	Biogenics	2,217.60	0.00	0.00	0.00	0.00	13,858.56
	Wild Fires	6,825.17	195.00	828.77	745.89	0.00	1,164.61
	Total	10,680.71	1,144.93	1,022.17	781.22	5.82	15,333.94

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County		CO	NOx	PM10	PM2.5	SOx *	VOC
Davis	Area Source	1,511.63	428.48	1,062.14	397.81	14.13	4,602.10
	Non-Road Mobile	13,351.29	1,642.65	114.89	105.70	71.33	2,122.49
	On-Road Mobile	61,165.65	6,727.29	1,734.88	228.73	223.28	4,049.14
	Point Source	1,799.86	2,288.17	466.64	199.82	2,132.30	1,657.69
	Biogenics	949.40	0.00	0.00	0.00	0.00	6,447.29
	Wildfires	0.00	0.00		0.00	0.00	0.00
	Total	78,777.83	11,086.59	3,378.55	932.06	2,441.04	18,878.71
Duchesne	Area Source	1,166.33	59.02	1,071.55	197.61	75.46	488.56
	Non-Road Mobile	2,174.01	246.15	25.96	23.89	7.23	494.48
	On-Road Mobile	8,498.05	716.44	267.05	50.78	21.96	604.48
	Point Source	775.48	603.35	6.42	5.70	0.00	295.30
	Biogenics	3,687.28	0.00	0.00	0.00	0.00	22,389.99
	Wildfires	1,001.28	28.61	121.58	109.43	0.00	170.85
	Total	17,302.43	1,653.57	1,492.56	387.41	104.65	24,443.66
Emery	Area Source	3,403.23	124.92	750.74	127.46	226.79	468.76
	Non-Road Mobile	655.18	288.58	13.19	12.12	14.93	172.11
	On-Road Mobile	16,342.62	1,507.01	498.83	94.88	40.29	1,077.51
	Point Source	1,774.21	30,609.13	2,314.54	903.85	20,739.81	214.07
	Biogenics	6,125.97	0.00	0.00	0.00	0.00	31,185.73
	Wildfires	256.64	7.33	31.16	28.05	0.00	43.79
	Total	28,557.85	32,536.97	3,608.46	1,166.36	21,021.82	33,161.97
Garfield	Area Source	13,103.47	396.23	2,195.50	1,485.83	70.97	2,357.22
	Non-Road Mobile	1,923.78	94.87	20.13	18.52	4.70	797.54
	On-Road Mobile	5,907.26	488.22	181.16	34.44	14.87	409.50
	Point Source	9.22	21.51	6.48	2.80	4.93	1.82
	Biogenics	8,115.39	0.00	0.00	0.00	0.00	44,005.39
	Wildfires	21,890.26	625.44	2,658.10	2,392.29	0.00	3,735.24
	Total	50,949.38	1,626.27	5,061.37	3,933.88	95.47	51,306.71
Grand	Area Source	160.51	20.20	427.59	73.19	6.34	285.46
	Non-Road Mobile	1,533.39	268.85	7.21	6.62	18.89	527.94
	On-Road Mobile	13,211.38	1,293.99	391.06	75.05	31.84	953.59
	Point Source	228.09	370.06	22.47	18.08	0.79	66.44
	Biogenics	6,596.06	0.00	0.00	0.00	0.00	34,972.81
	Wildfires	33,121.54	946.33	4,021.90	3,619.71	0.00	5,651.69
	Total	54,850.97	2,899.43	4,870.23	3,792.65	57.86	42,457.93

2002 State Summary of Emissions by Source (tons/year)

County		CO	NOx	PM10	PM2.5	SOx *	VOC
Iron	Area Source	935.35	216.13	1,063.93	217.18	387.07	908.66
	Non-Road Mobile	1,786.74	1,038.30	22.79	20.90	67.29	431.05
	On-Road Mobile	26,806.60	2,686.75	831.93	158.25	67.45	1,677.58
	Point Source	21.04	44.50	43.25	7.73	9.51	66.85
	Biogenics	6,620.42	0.00	0.00	0.00	0.00	37,759.57
	Wildfires	875.66	25.02	106.33	95.70	0.00	149.42
	Total	37,045.81	4,010.70	2,068.23	499.76	531.32	40,993.13
Juab	Area Source	1,208.12	80.99	1,051.89	175.12	170.25	352.84
	Non-Road Mobile	914.75	950.78	12.43	11.36	64.40	288.84
	On-Road Mobile	17,993.05	1,813.57	521.63	100.11	42.83	1,089.18
	Point Source	34,096.31	1,352.67	179.95	119.84	31.74	77.07
	Biogenics	5,719.08	0.00	0.00	0.00	0.00	28,154.87
	Wildfires	83.75	2.39	10.17	9.15	0.00	14.29
	Total	60,015.06	4,200.40	1,776.07	415.58	309.22	29,977.09
Kane	Area Source	373.27	36.39	487.39	89.63	72.56	216.57
	Non-Road Mobile	1,003.23	46.23	4.67	4.30	2.68	311.69
	On-Road Mobile	5,417.14	464.47	173.57	171.77	14.24	419.84
	Point Source	0.00	0.00	0.00	0.00	0.00	0.00
	Biogenics	9,133.20	0.00	0.00	0.00	0.00	47,897.91
	Wildfires	446.85	12.77	54.26	48.83	0.00	76.25
	Total	16,373.69	559.86	719.89	314.53	89.48	48,922.26
Millard	Area Source	2,605.59	128.55	1,667.56	324.85	221.58	583.87
	Non-Road Mobile	2,065.74	1,507.62	48.72	44.72	98.57	902.63
	On-Road Mobile	19,520.02	1,943.89	589.59	112.40	47.63	1,215.83
	Point Source	1,874.37	27,753.24	799.99	294.59	4,090.56	143.47
	Biogenics	9,977.71	0.00	0.00	0.00	0.00	49,180.53
	Wildfires	24.59	0.70	2.99	2.69	0.00	4.20
	Total	36,068.02	31,334.00	3,108.85	779.25	4,458.34	52,030.53
Morgan	Area Source	51.80	23.23	266.54	50.27	0.22	175.39
	Non-Road Mobile	1,208.23	1,370.58	17.22	15.73	97.69	413.32
	On-Road Mobile	5,251.61	550.24	166.72	31.67	13.65	297.27
	Point Source	913.63	1,347.32	255.04	37.74	60.76	44.60
	Biogenics	1,139.58	0.00	0.00	0.00	0.00	9,442.85
	Wildfires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8,564.85	3,291.37	705.52	135.41	172.32	10,373.43

2002 State Summary of Emissions by Source (tons/year)

County		CO	NOx	PM10	PM2.5	SOx *	VOC
Piute	Area Source	252.66	16.28	177.58	30.22	30.32	66.51
	Non-Road Mobile	3,048.66	32.45	31.82	29.28	4.57	1,356.35
	On-Road Mobile	1,520.44	119.87	43.34	8.30	3.57	116.54
	Point Source	0.00	0.00	0.00	0.00	0.00	0.00
	Biogenics	1,946.23	0.00	0.00	0.00	0.00	11,419.77
	Wildfires	513.62	14.67	62.37	56.13	0.00	87.64
	Total	7,281.61	183.27	315.11	123.93	38.46	13,046.81
Rich	Area Source	427.49	20.16	681.75	157.90	24.88	153.13
	Non-Road Mobile	2,599.70	96.02	32.48	29.89	5.09	1,053.34
	On-Road Mobile	1,973.60	158.44	56.58	10.78	4.71	127.63
	Point Source	0.00	0.00	0.00	0.00	0.00	0.00
	Biogenics	1,311.78	0.00	0.00	0.00	0.00	8,737.02
	Wildfires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	6,312.57	274.62	770.81	198.57	34.68	10,071.12
Salt Lake	Area Source	6,440.18	1,874.03	2,495.32	1,205.50	138.62	16,915.57
	Non-Road Mobile	80,152.03	15,917.96	1,209.95	890.58	439.63	7,351.30
	On-Road Mobile	195,325.39	20,815.50	6,360.62	873.57	768.05	13,726.47
	Point Source	3,403.20	8,217.24	3,630.18	1,183.22	4,645.80	1,962.15
	Biogenics	1,754.02	0.00	0.00	0.00	0.00	11,341.58
	Wildfires	42.72	1.22	5.19	4.67	0.00	7.29
	Total	287,117.54	46,825.95	13,701.26	4,157.54	5,992.10	51,304.36
San Juan	Area Source	1,014.47	44.18	779.77	141.09	74.50	520.54
	Non-Road Mobile	1,709.11	207.55	28.18	25.93	7.65	681.90
	On-Road Mobile	10,782.73	973.71	387.05	73.04	31.60	752.02
	Point Source	593.80	795.58	8.88	5.90	1,454.58	82.19
	Biogenics	12,415.70	0.00	0.00	0.00	0.00	63,537.74
	Wildfires	1,506.81	43.05	182.97	164.67	0.00	257.11
	Total	28,022.62	2,064.07	1,386.85	410.63	1,568.33	65,831.50
Sanpete	Area Source	3,603.81	214.36	852.06	171.50	361.15	693.59
	Non-Road Mobile	1,249.62	166.20	19.29	17.75	4.94	309.11
	On-Road Mobile	10,657.21	843.88	301.68	57.86	24.97	796.90
	Point Source	15.66	22.89	26.15	14.23	4.10	2.54
	Biogenics	2,919.84	0.00	0.00	0.00	0.00	17,507.44
	Wildfires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	18,446.14	1,247.33	1,199.18	261.34	395.16	19,309.58

2002 State Summary of Emissions by Source (tons/year)

County		CO	NOx	PM10	PM2.5	SOx *	VOC
Sevier	Area Source	4,017.24	221.20	776.60	188.29	380.77	701.01
	Non-Road Mobile	1,591.40	156.76	17.47	16.08	5.47	459.76
	On-Road Mobile	19,534.46	1,825.86	547.72	104.94	44.67	1,272.07
	Point Source	37.42	82.38	65.92	5.38	7.14	5.74
	Biogenics	2,999.23	0.00	0.00	0.00	0.00	17,595.08
	Wildfires	657.29	18.78	79.81	71.83	0.00	112.16
	Total	28,837.04	2,304.98	1,487.52	386.52	438.05	20,145.82
Summit	Area Source	631.63	143.59	672.68	171.11	13.43	802.47
	Non-Road Mobile	3,046.84	1,350.81	30.22	27.72	87.35	425.49
	On-Road Mobile	22,472.57	2,520.45	882.45	164.86	71.92	1,234.72
	Point Source	325.41	478.88	63.86	22.92	123.45	26.32
	Biogenics	2,365.08	0.00	0.00	0.00	0.00	18,681.94
	Wildfires	9,110.68	260.31	1,106.30	995.67	0.00	1,554.60
	Total	37,952.21	4,754.04	2,755.51	1,382.28	296.15	22,725.54
Tooele	Area Source	1,246.09	207.53	1,652.14	304.48	154.05	1,129.08
	Non-Road Mobile	3,114.40	1,555.46	60.43	55.50	97.04	1,251.71
	On-Road Mobile	32,968.57	3,215.77	1,068.21	203.44	87.56	2,355.96
	Point Source	421.05	1,117.37	1,045.60	181.32	125.85	70.29
	Biogenics	8,209.46	0.00	0.00	0.00	0.00	39,129.87
	Wildfires	567.08	16.20	68.86	61.97	0.00	96.76
	Total	46,526.65	6,112.33	3,895.24	806.71	464.50	44,033.67
Uintah	Area Source	581.96	48.38	835.63	160.32	36.42	672.61
	Non-Road Mobile	2,528.38	240.23	21.96	20.21	7.91	490.63
	On-Road Mobile	11,764.88	1,005.01	388.24	73.42	31.46	867.32
	Point Source	45.15	93.25	66.50	18.54	7.71	76.48
	Biogenics	5,478.10	0.00	0.00	0.00	0.00	29,153.35
	Wildfires	960.03	27.43	116.57	104.92	0.00	163.81
	Total	21,358.50	1,414.30	1,428.90	377.41	83.50	31,424.20
Utah	Area Source	3,903.10	636.42	2,551.30	818.07	157.94	7,116.29
	Non-Road Mobile	18,783.59	2,396.73	154.89	142.49	103.15	2,488.21
	On-Road Mobile	90,833.83	9,396.84	2,639.86	359.14	321.89	6,643.17
	Point Source	1,795.54	927.32	365.16	95.49	320.92	770.53
	Biogenics	3,018.72	0.00	0.00	0.00	0.00	19,540.86
	Wildfires	718.61	20.53	87.26	78.53	0.00	122.62
	Total	119,053.39	13,377.84	5,798.47	1,493.72	903.90	36,681.68

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County		CO	NOx	PM10	PM2.5	SOx *	VOC
Wasatch	Area Source	233.09	47.45	416.19	87.44	9.37	399.34
	Non-Road Mobile	1,865.05	215.22	21.57	19.84	10.37	602.17
	On-Road Mobile	9,762.69	871.54	343.17	64.60	28.30	665.07
	Point Source	3.30	13.50	7.54	3.15	1.12	1.44
	Biogenics	2,185.21	0.00	0.00	0.00	0.00	17,256.32
	Wildfires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	14,049.34	1,147.71	788.47	175.03	49.16	18,924.34
Washington	Area Source	1,819.48	152.40	879.76	248.97	138.15	2,190.39
	Non-Road Mobile	13,151.20	642.48	67.09	61.73	23.17	1,627.12
	On-Road Mobile	31,281.77	3,504.56	1,301.70	244.98	103.94	2,437.71
	Point Source	65.22	287.30	106.79	14.79	17.08	36.37
	Biogenics	8,632.70	0.00	0.00	0.00	0.00	52,151.55
	Wildfires	1,759.16	50.26	213.61	192.25	0.00	300.17
	Total	56,709.53	4,637.00	2,568.95	762.72	282.34	58,743.31
Wayne	Area Source	1,355.37	70.29	417.59	69.08	148.98	158.57
	Non-Road Mobile	322.41	40.19	4.12	3.79	1.52	107.15
	On-Road Mobile	1,644.95	144.12	56.75	10.77	4.60	133.59
	Point Source	0.00	0.00	0.00	0.00	0.00	0.00
	Biogenics	4,683.04	0.00	0.00	0.00	0.00	24,203.35
	Wildfires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8,005.77	254.60	478.46	83.64	155.10	24,602.66
Weber	Area Source	1,567.31	442.10	943.72	344.48	44.06	3,886.32
	Non-Road Mobile	10,843.39	1,719.30	88.97	81.84	79.89	1,262.84
	On-Road Mobile	46,626.89	4,316.24	1,337.16	188.00	151.53	3,593.12
	Point Source	2,223.70	455.63	398.51	116.88	21.41	196.53
	Biogenics	985.53	0.00	0.00	0.00	0.00	7,245.94
	Wildfires	0.00	0.00	0.00	0.00	0.00	0.00
	Total	62,246.82	6,933.27	2,768.36	731.20	296.89	16,184.75

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Statewide Totals						
Area Source	59,324.90	6,293.79	29,181.24	8,613.47	3,416.06	50,151.86
Non-Road Mobile	180,077.41	36,257.11	2,243.05	1,840.39	1,535.53	27,584.25
Area Total	239,402.31	42,550.90	31,424.29	10,453.86	4,951.59	77,736.11
On-Road Mobile	770,994.45	77,436.96	24,246.04	4,101.30	2,458.01	53,581.86
Point: Industry Sources	52,067.04	82,252.15	10,864.88	3,515.48	41,680.28	6,535.09
Point: Portable Equipment	59.99	169.05	215.48	71.51	23.52	19.90
Point Combined	52,127.03	82,421.20	11,080.36	3,586.99	41,703.80	6,554.99
Biogenics	136,583.55	0.00	0.00	0.00	0.00	754,396.36
Wildfires	81,575.82	2,330.73	9,905.62	8,915.06	0.00	13,919.67
Totals	1,280,683.16	204,739.79	76,656.31	27,057.21	49,113.40	906,188.99

* On-Road Mobile SOx = SO2

	%					
Area Source	5%	3%	38%	32%	7%	6%
Non-Road Mobile	14%	18%	3%	7%	3%	3%
On-Road Mobile	60%	38%	32%	15%	5%	6%
Point Source	4%	40%	14%	13%	85%	1%
Biogenics	11%	0%	0%	0%	0%	83%
Wildfires	6%	1%	13%	33%	0%	2%
Totals	100%	100%	100%	100%	100%	100%