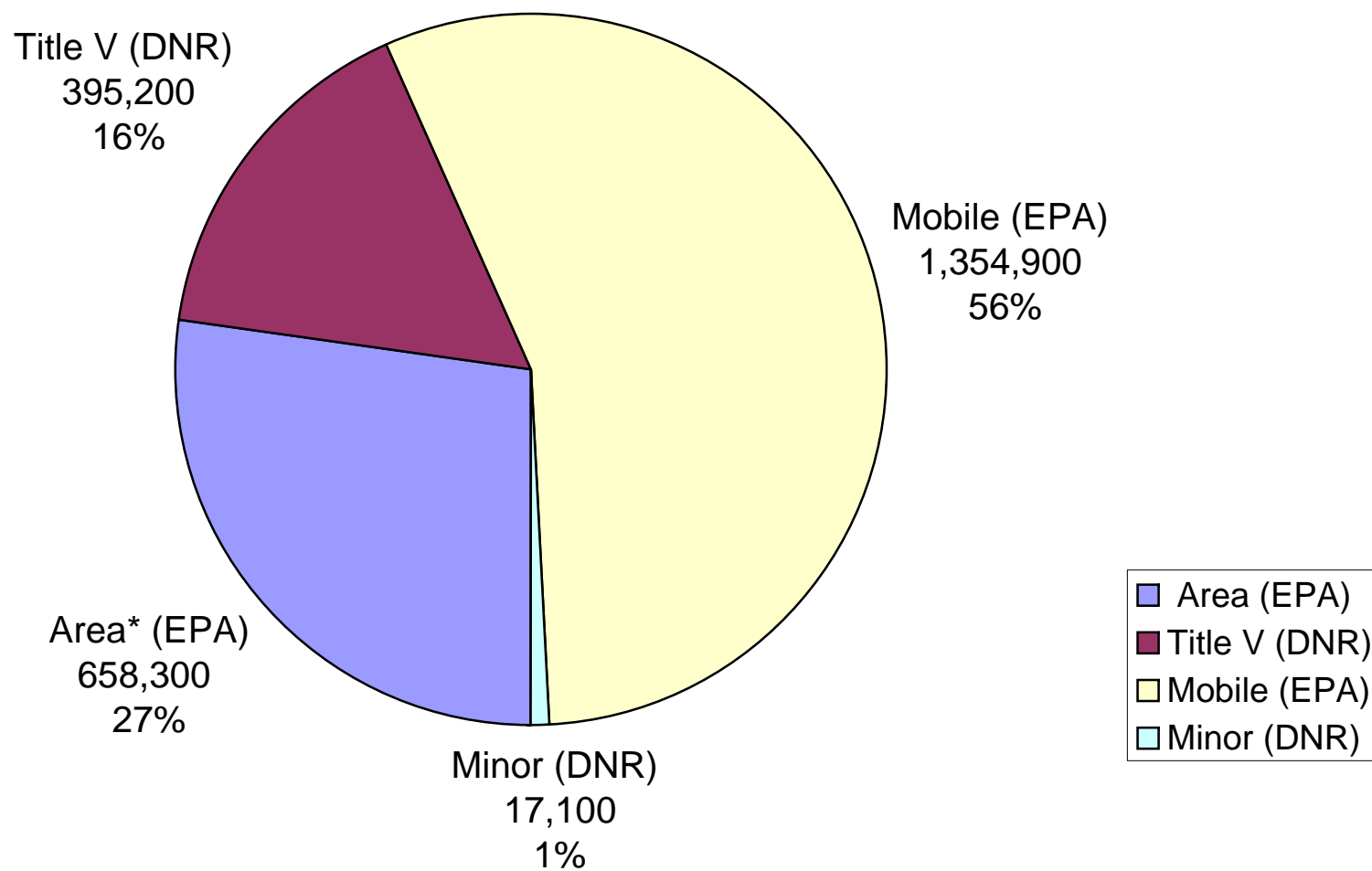
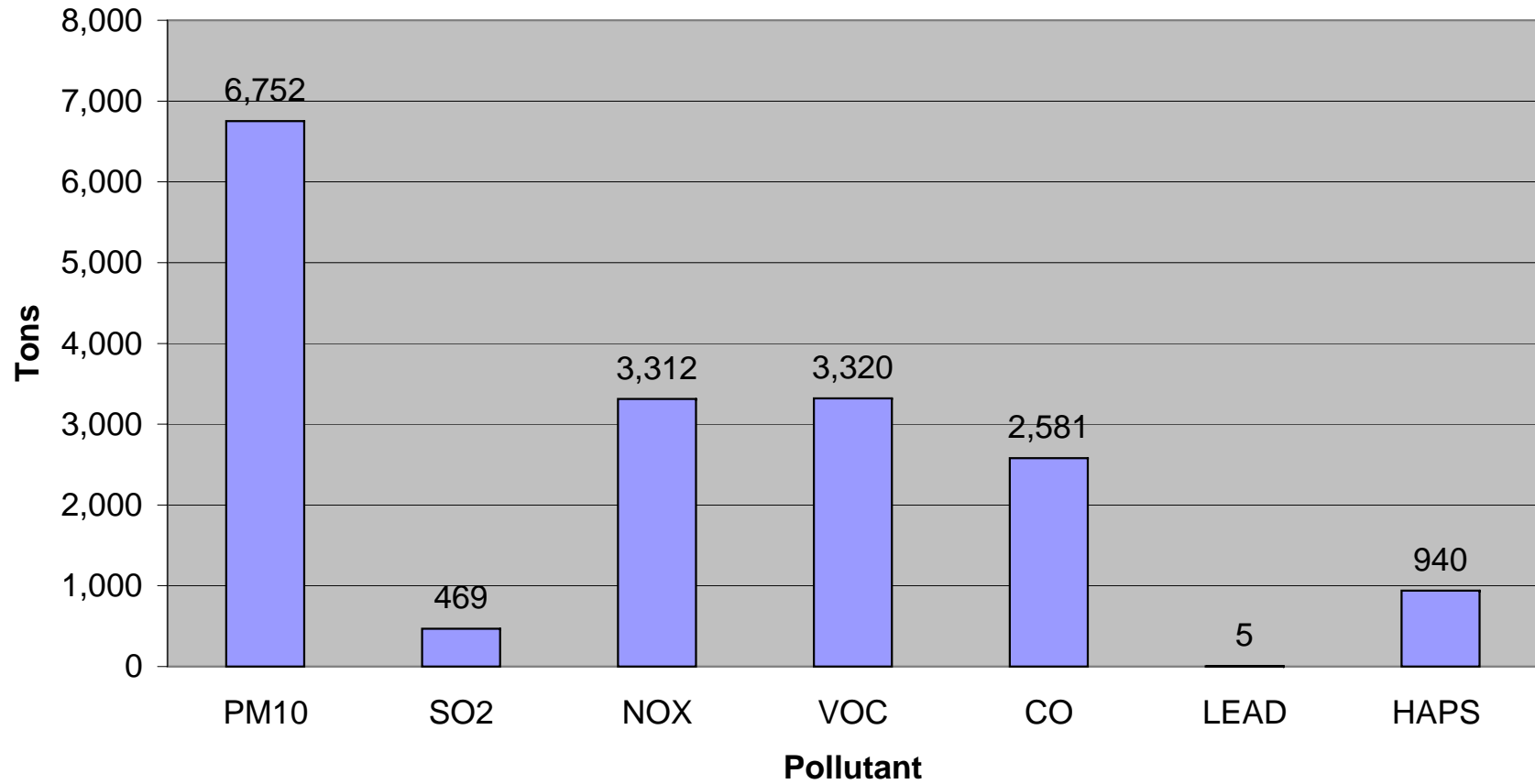


Iowa 2002 Air Emissions by Source Type (tons)

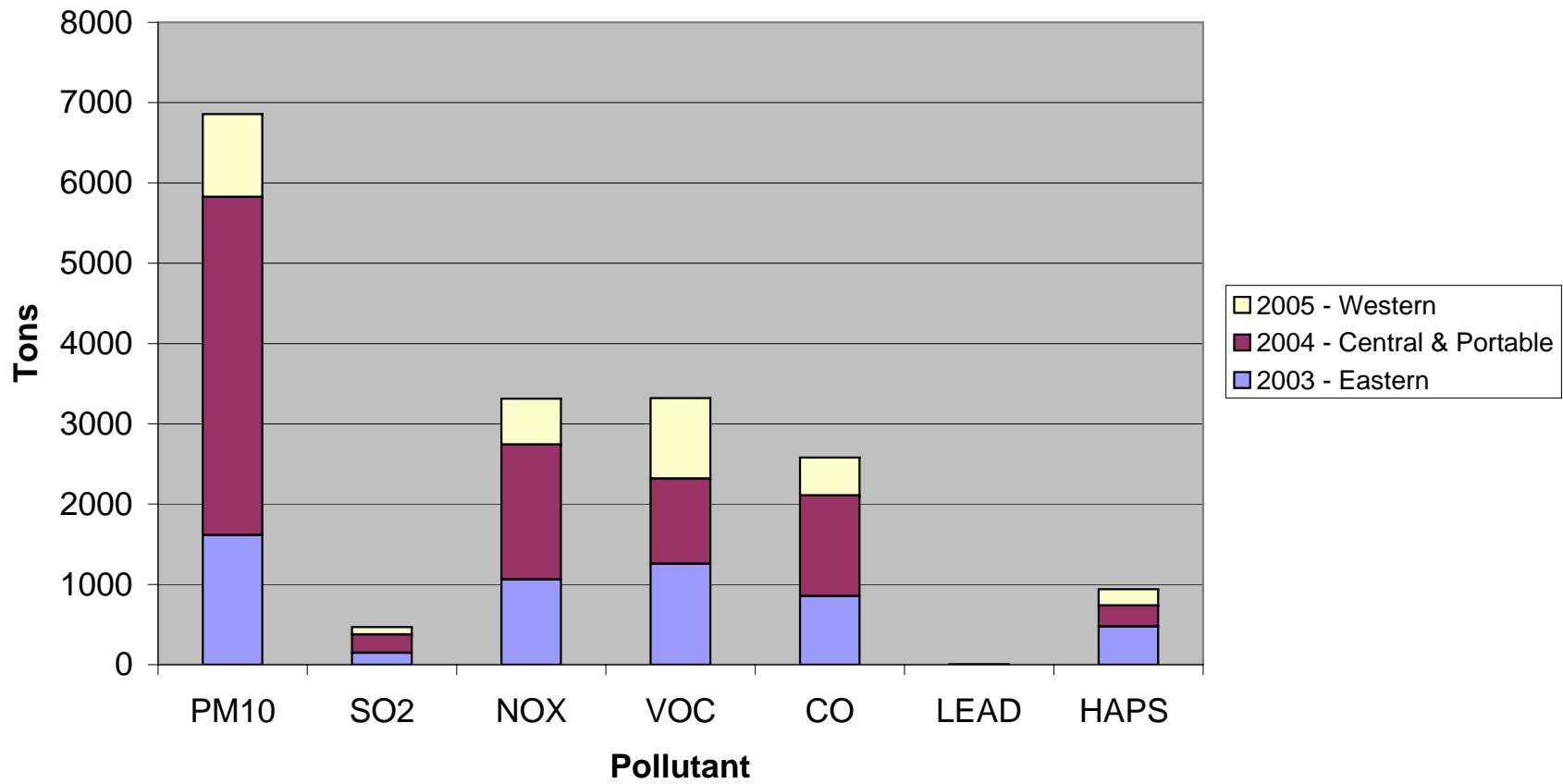


*EPA generated Area Source Emissions may also include some emissions documented by DNR for Minor Source facilities. Area Source emissions are calculated by EPA using a top-down method, while DNR calculates Minor Source emissions using a bottom-up method.

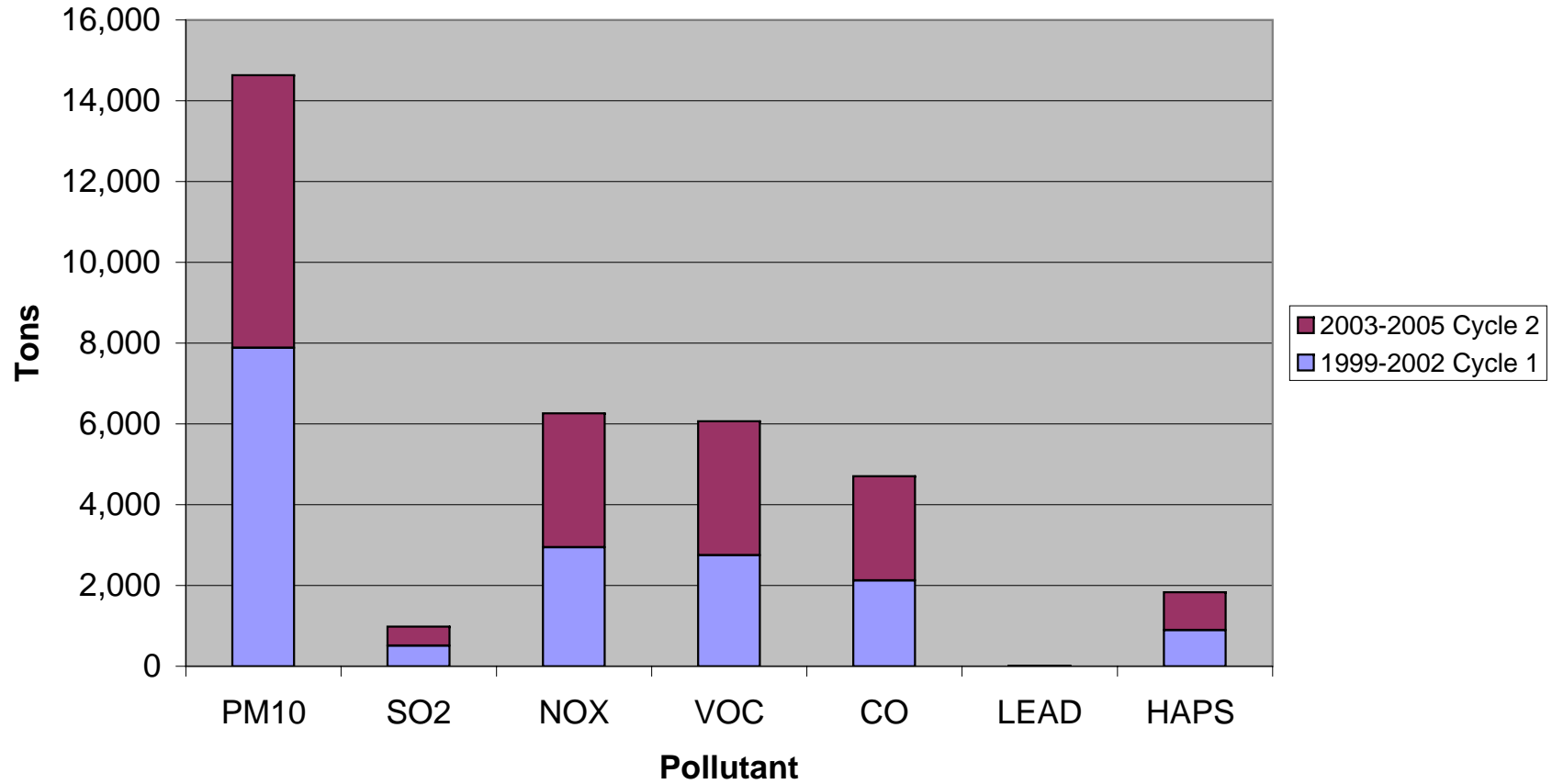
Statewide Minor Source Emissions (2003-2005)



Minor Source Emissions by Year



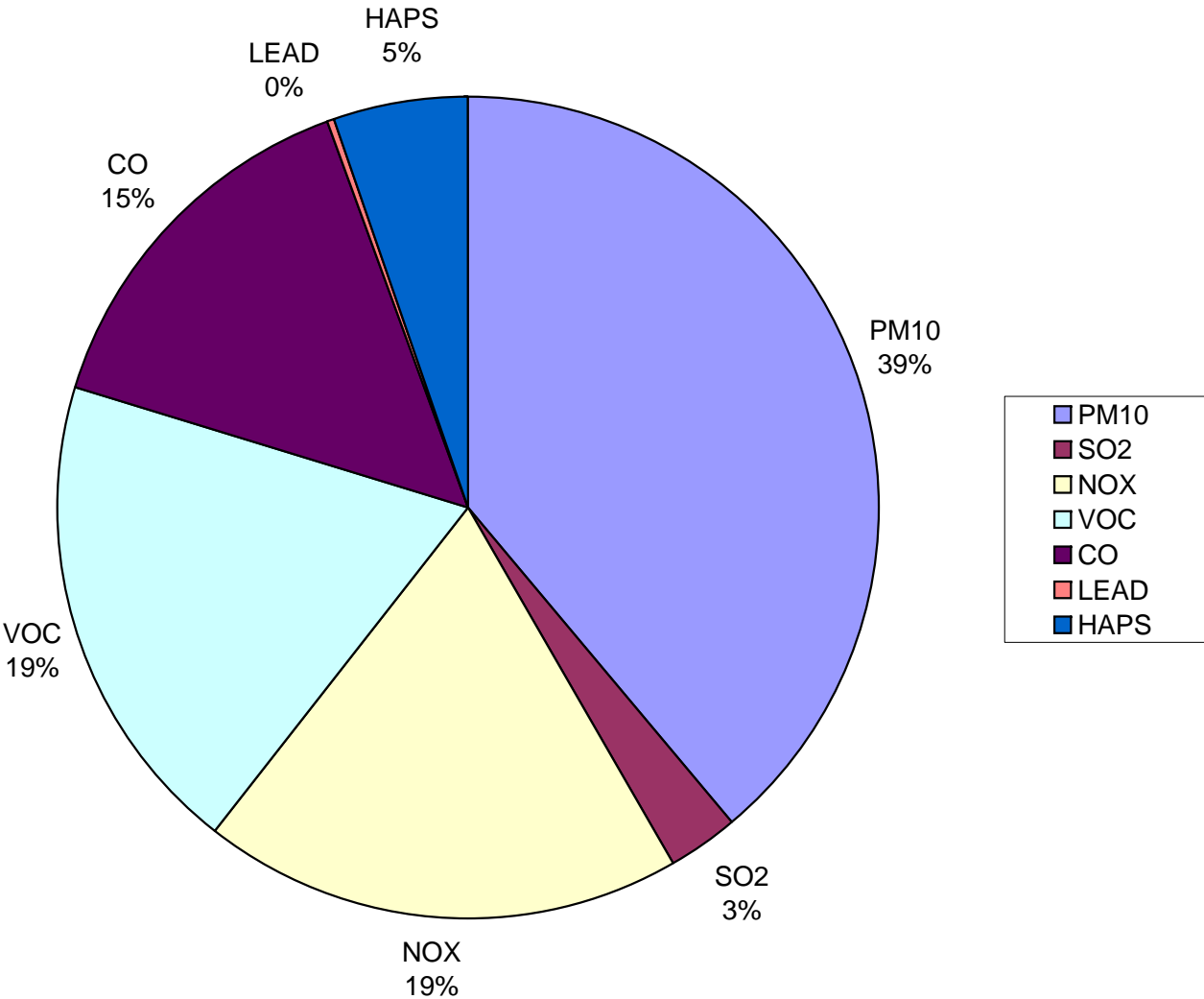
Minor Source Emissions Cycles 1 and 2



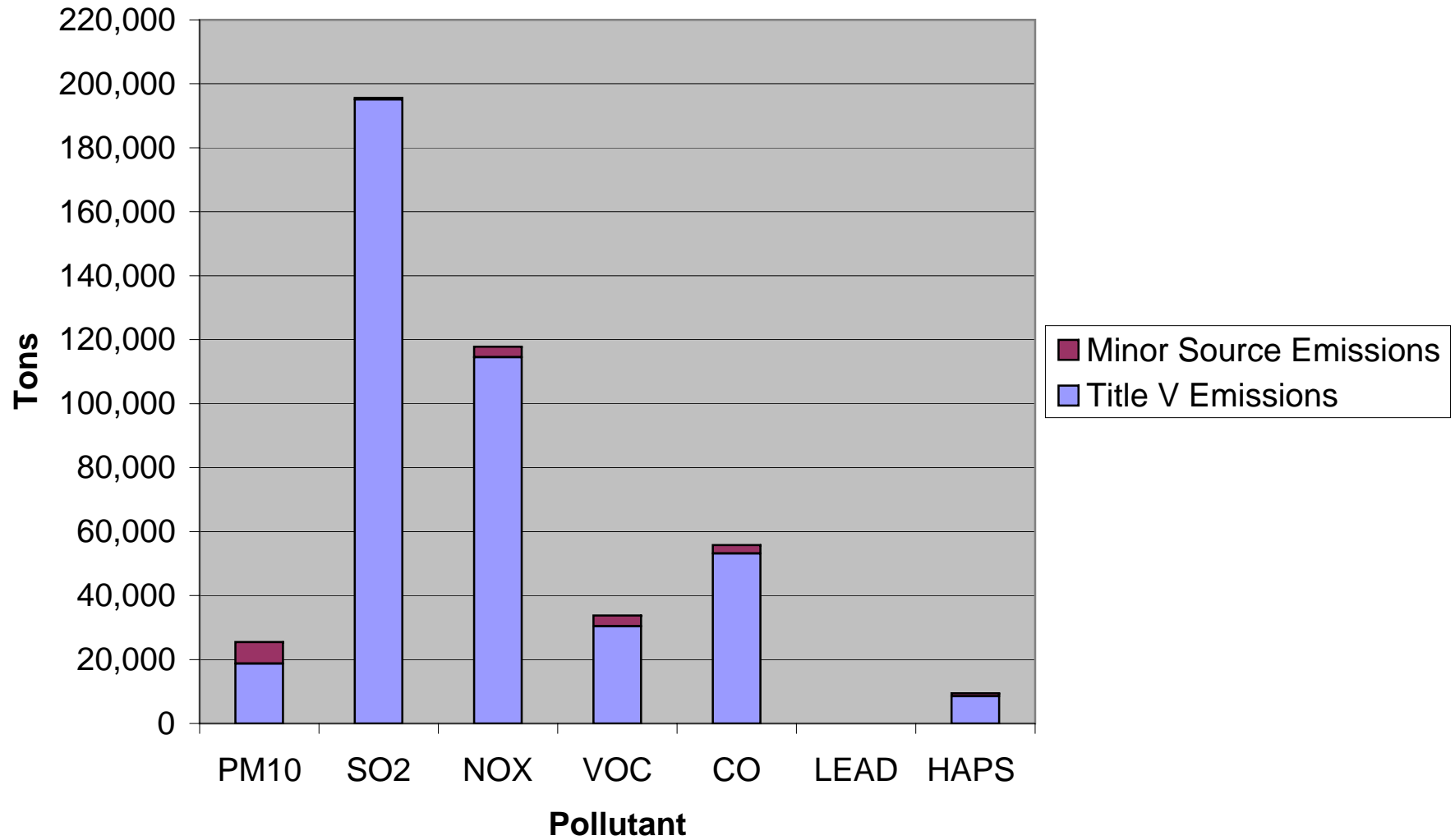
Minor Source Emissions Cycles 1 and 2

	PM10	SO2	NOX	VOC	CO	LEAD	HAPS
Cycle 1 Totals (1999-2002)	7,883	511	2,947	2,748	2,127	10	894
Cycle 2 Totals (2003-2005)	6,752	469	3,312	3,320	2,581	5	940
Percent Change	-14%	-8%	12%	21%	21%	-52%	5%

Statewide Minor Source Emissions (2003-2005)



2003-2005 Minor Source Emissions and 2005 Title V Emissions



2003-2005 Minor Source Emission Totals (in tons) by County

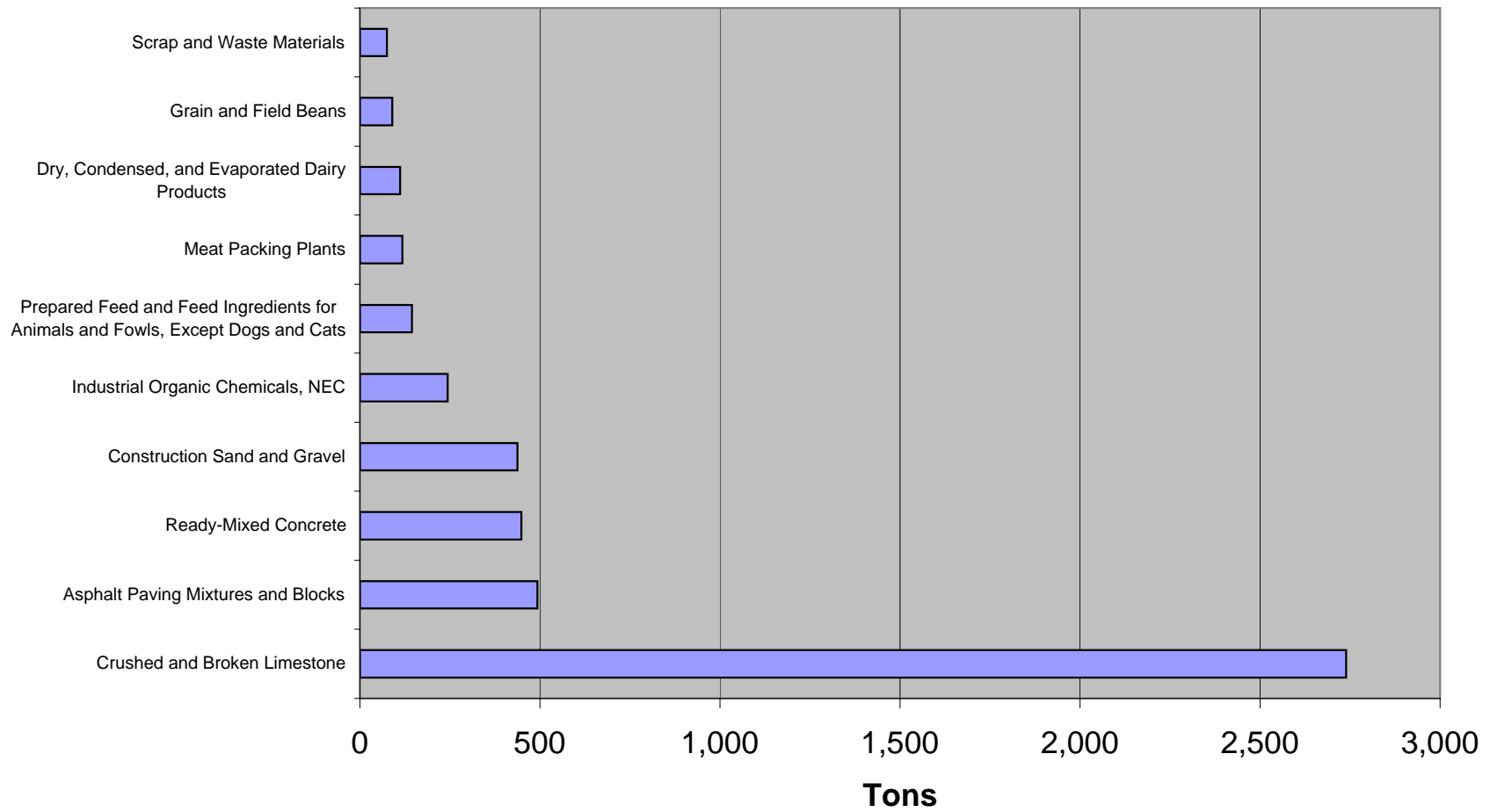
County Name	PM10	SO2	NOX	VOC	CO	LEAD	OZONE	HAPs
Adair	0.03	0.07	0.79	0.02	0.23	0.00	0.00	0.00
Adams	10.53	0.03	2.12	9.16	0.57	0.00	0.00	9.80
Allamakee	21.61	0.02	5.26	26.26	4.31	0.00	0.00	4.53
Appanoose	1.98	0.00	0.10	5.95	0.09	0.00	0.00	6.12
Audubon	2.88	0.03	0.60	0.69	0.38	0.00	0.00	0.71
Benton	8.95	7.44	41.01	9.86	33.36	0.00	0.00	0.24
Black Hawk	146.11	2.06	47.86	70.06	87.15	0.25	0.00	17.31
Boone	6.69	0.92	12.89	26.39	3.66	0.00	0.00	6.31
Bremer	14.52	2.39	15.33	39.59	14.17	0.00	0.00	26.40
Buchanan	3.82	0.49	37.21	9.67	16.40	0.00	0.00	0.36
Buena Vista	39.60	0.62	28.46	10.67	34.23	0.00	0.00	0.18
Butler	16.93	0.02	1.16	8.50	2.03	0.00	0.00	2.17
Calhoun	6.92	0.00	0.00	5.35	0.00	0.00	0.00	5.00
Carroll	84.00	0.08	15.79	21.07	12.98	0.00	0.00	0.56
Cass	4.54	0.14	11.71	0.16	3.34	0.00	0.00	0.01
Cedar	12.80	0.09	4.96	10.52	7.25	0.05	0.00	3.03
Cerro Gordo	56.19	10.53	57.50	17.46	40.74	0.00	0.00	6.19
Cherokee	37.48	26.36	56.82	37.18	45.15	0.00	0.00	20.47
Chickasaw	65.34	3.44	34.54	11.39	15.48	0.00	0.00	4.41
Clarke	18.13	0.62	9.13	8.79	7.93	0.00	0.00	1.67
Clay	19.49	1.42	8.90	105.76	1.55	0.03	0.00	15.19
Clayton	46.01	0.58	16.78	28.88	11.78	0.00	0.00	11.39
Clinton	44.37	0.27	25.54	85.80	19.50	0.00	6.43	22.74
Crawford	68.74	0.45	73.07	57.56	36.69	0.00	0.00	6.49
Dallas	47.58	1.69	26.74	22.16	15.68	0.00	0.00	5.75
Davis	2.09	0.09	2.55	0.45	1.19	0.00	0.00	0.01
Decatur	21.92	0.56	13.01	0.49	5.89	0.00	0.00	0.08
Delaware	29.07	5.05	85.56	36.03	46.94	0.85	0.00	8.83
Des Moines	21.12	0.19	12.43	51.00	12.98	0.00	0.00	13.34
Dickinson	60.23	0.60	14.40	13.22	12.36	0.00	0.00	11.53
Dubuque	113.21	7.61	54.30	107.00	52.39	2.63	0.00	24.09
Emmet	8.13	0.21	6.86	12.23	5.71	0.00	0.00	0.02
Fayette	16.16	0.05	10.21	11.64	7.76	0.00	0.00	3.70
Floyd	6.93	0.91	9.37	27.99	6.41	0.01	0.00	1.78
Franklin	0.91	0.00	0.00	16.48	0.00	0.00	0.00	4.91
Fremont	9.01	0.19	24.37	0.94	15.75	0.00	0.00	0.29
Greene	23.73	0.21	3.98	24.50	2.45	0.00	0.00	3.87
Grundy	20.95	0.12	19.68	11.15	16.19	0.00	0.00	6.70
Guthrie	5.29	0.67	35.43	15.15	18.95	0.00	0.00	0.21
Hamilton	58.08	1.67	7.66	6.65	9.72	0.00	0.00	0.92
Hancock	7.32	0.11	4.68	41.07	4.55	0.00	0.00	16.57
Hardin	105.79	2.62	31.45	11.98	36.01	0.00	0.00	1.49
Harrison	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Henry	13.69	3.10	50.84	18.80	22.18	0.00	0.00	14.57
Howard	1.75	0.01	1.44	7.85	0.20	0.00	0.00	0.57
Humboldt	18.31	1.10	3.46	24.87	3.28	0.00	0.00	12.35
Ida	38.45	0.37	24.83	102.33	24.45	0.00	0.00	21.52
Iowa	19.59	0.50	16.96	3.68	17.07	0.00	0.00	1.07
Jackson	11.48	1.52	17.93	20.57	7.08	0.00	0.00	4.31
Jasper	57.24	1.12	12.62	16.81	10.81	0.00	0.00	8.70
Jefferson	5.96	0.01	0.96	10.23	0.70	0.00	0.00	6.15

2003-2005 Minor Source Emission Totals (in tons) by County

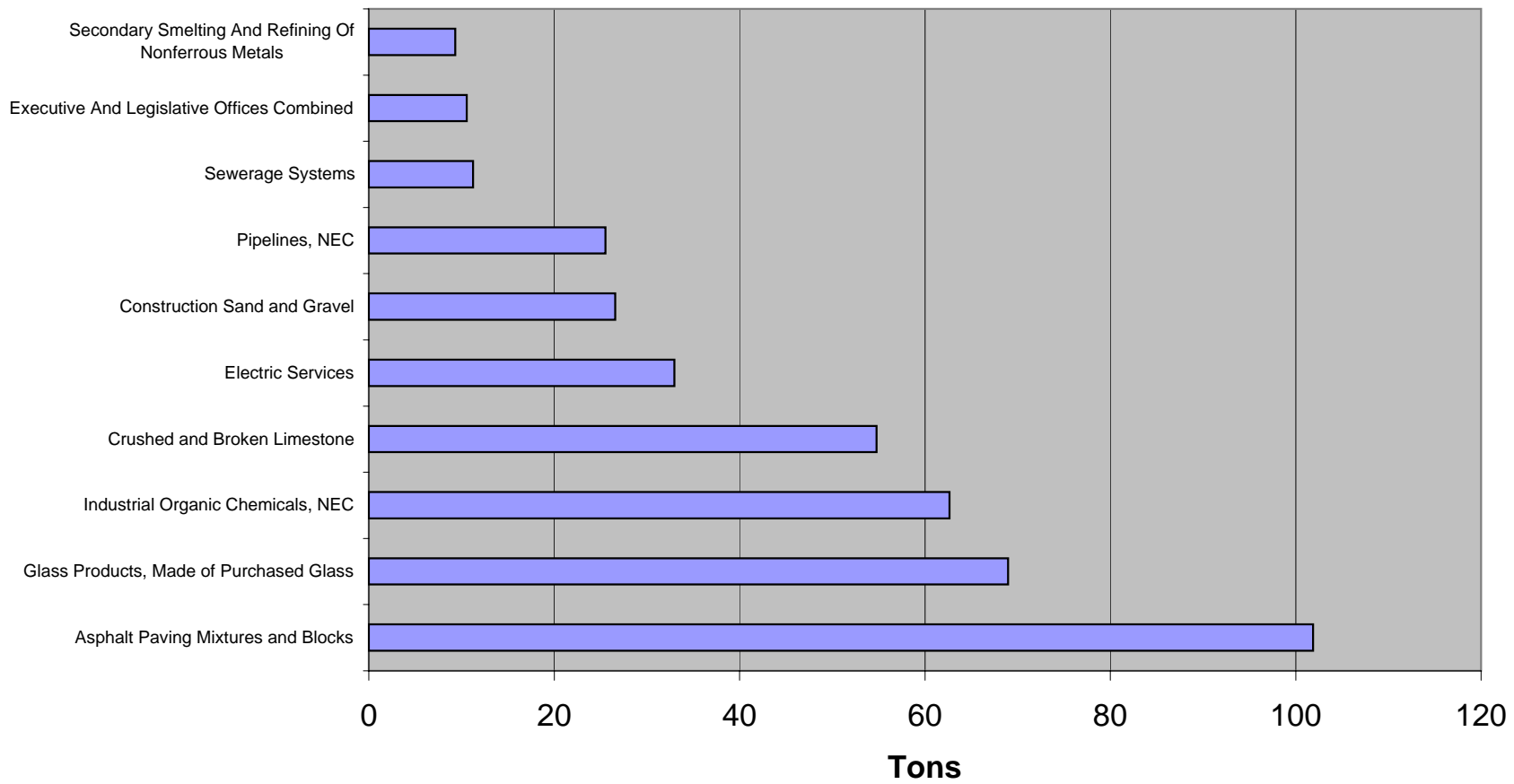
County Name	PM10	SO2	NOX	VOC	CO	LEAD	OZONE	HAPs
Johnson	278.65	4.07	30.71	31.45	32.26	0.00	0.00	8.09
Jones	8.23	0.06	6.21	17.97	1.75	0.00	0.00	6.08
Keokuk	5.50	4.79	2.35	14.35	0.52	0.00	0.00	2.39
Kossuth	28.28	23.60	101.46	32.98	107.02	0.00	0.00	9.99
Lee	14.75	0.99	90.14	83.34	59.25	0.00	0.00	105.96
Linn	201.24	4.90	217.33	234.39	225.22	0.01	0.00	61.52
Louisa	29.80	0.39	15.18	19.14	12.57	0.00	0.00	5.07
Lucas	4.10	0.04	0.15	39.79	0.06	0.00	0.00	38.80
Lyon	1.58	0.04	1.83	1.44	0.39	0.00	0.00	0.90
Madison	179.51	3.40	32.72	6.12	10.23	0.00	0.00	1.49
Mahaska	27.82	0.02	4.32	9.34	3.15	0.00	0.00	5.18
Marion	88.15	1.22	11.52	10.81	13.59	0.00	0.00	4.89
Marshall	126.37	1.75	71.99	20.39	51.50	0.04	0.00	7.59
Mills	6.94	0.33	3.71	2.84	2.37	0.00	0.00	1.06
Mitchell	42.41	1.32	12.92	2.84	4.74	0.00	0.00	0.03
Monona	1.75	25.23	10.73	4.23	2.75	0.00	0.00	0.02
Monroe	17.27	0.00	0.50	0.57	0.41	0.00	0.00	0.01
Montgomery	13.40	0.03	2.44	1.70	1.26	0.00	0.00	0.83
Muscatine	207.66	71.17	69.74	34.19	9.60	0.05	0.00	17.71
O'Brien	9.37	0.07	7.92	27.48	6.20	0.00	0.00	10.57
Osceola	40.66	1.91	36.16	39.10	28.51	0.00	0.00	5.38
Page	17.60	0.13	6.22	118.44	5.16	0.00	0.00	16.58
Palo Alto	51.01	0.22	18.27	60.05	21.77	0.00	0.00	4.77
Plymouth	60.59	11.34	12.79	22.55	15.81	0.00	0.00	9.33
Pocahontas	106.07	0.06	3.72	9.51	2.93	0.00	0.00	2.99
Polk	163.76	16.31	94.44	284.49	156.04	0.11	0.00	48.26
Pottawattamie	106.99	3.19	13.51	87.82	55.50	0.00	0.00	18.94
Poweshiek	39.31	1.19	41.46	63.36	27.54	0.00	0.00	20.07
Ringgold	15.36	0.50	3.18	0.08	0.84	0.00	0.00	0.00
Sac	15.11	0.18	22.32	3.55	14.45	0.00	0.00	0.91
Scott	192.50	21.15	81.74	181.35	79.42	0.00	0.00	80.06
Shelby	12.38	0.02	4.23	0.22	3.43	0.00	0.00	0.09
Sioux	59.86	0.29	31.72	134.58	25.80	0.00	0.00	9.98
Story	199.53	2.28	37.15	61.12	24.43	0.00	0.01	8.50
Tama	20.32	0.35	46.38	3.70	31.88	0.00	0.00	0.38
Taylor	2.89	0.02	1.26	37.64	0.34	0.00	0.00	18.41
Union	8.61	0.29	2.65	0.22	2.36	0.00	0.00	0.05
Van Buren	1.31	0.06	6.44	7.55	2.35	0.00	0.00	1.68
Wapello	22.88	0.73	28.14	21.15	23.53	0.00	0.00	2.59
Warren	15.08	1.09	27.30	11.26	8.77	0.00	0.00	1.42
Washington	6.63	0.00	0.29	23.93	0.24	0.00	0.00	4.68
Wayne	5.91	0.15	16.74	1.80	13.81	0.02	0.00	1.20
Webster	187.32	1.11	57.25	47.77	68.97	0.00	0.00	3.44
Winnebago	2.24	7.39	35.10	2.07	9.32	0.00	0.00	0.28
Winneshiek	28.55	7.03	16.68	37.48	24.80	0.00	0.00	13.89
Woodbury	106.06	19.90	102.56	48.26	84.27	0.71	0.00	6.24
Worth	31.79	1.05	52.69	46.24	58.71	0.00	0.00	7.01
Wright	28.32	0.37	11.04	17.23	3.24	0.00	0.00	0.63
Portable	2,446.38	138.45	807.82	130.30	486.13	0.00	0.00	18.97

Note: The highest emission value for each pollutant is listed in red. Since PM10, SO2, NOX and CO are the highest for portable plants, the second highest emission value is listed in blue.

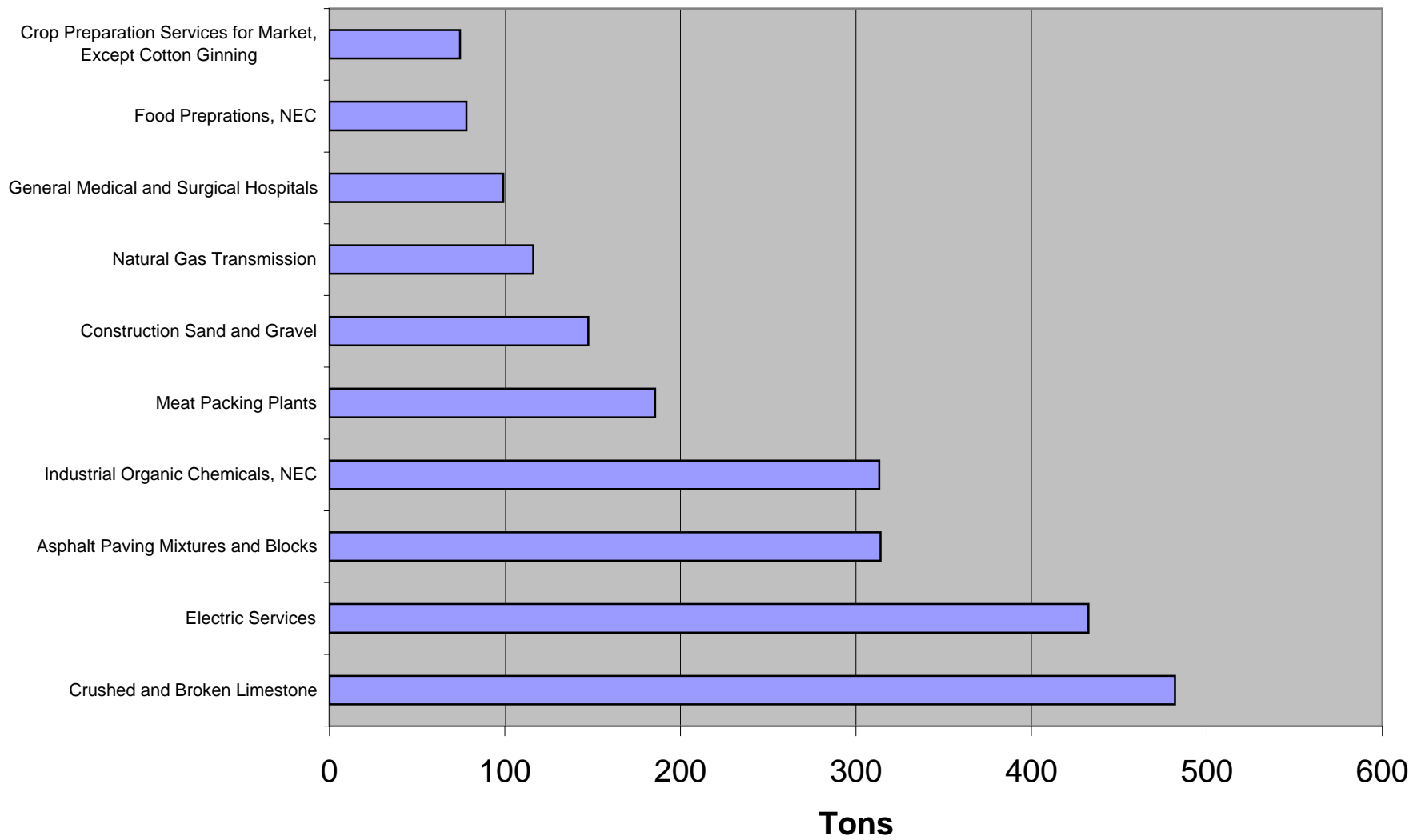
PM10 Emissions by SIC



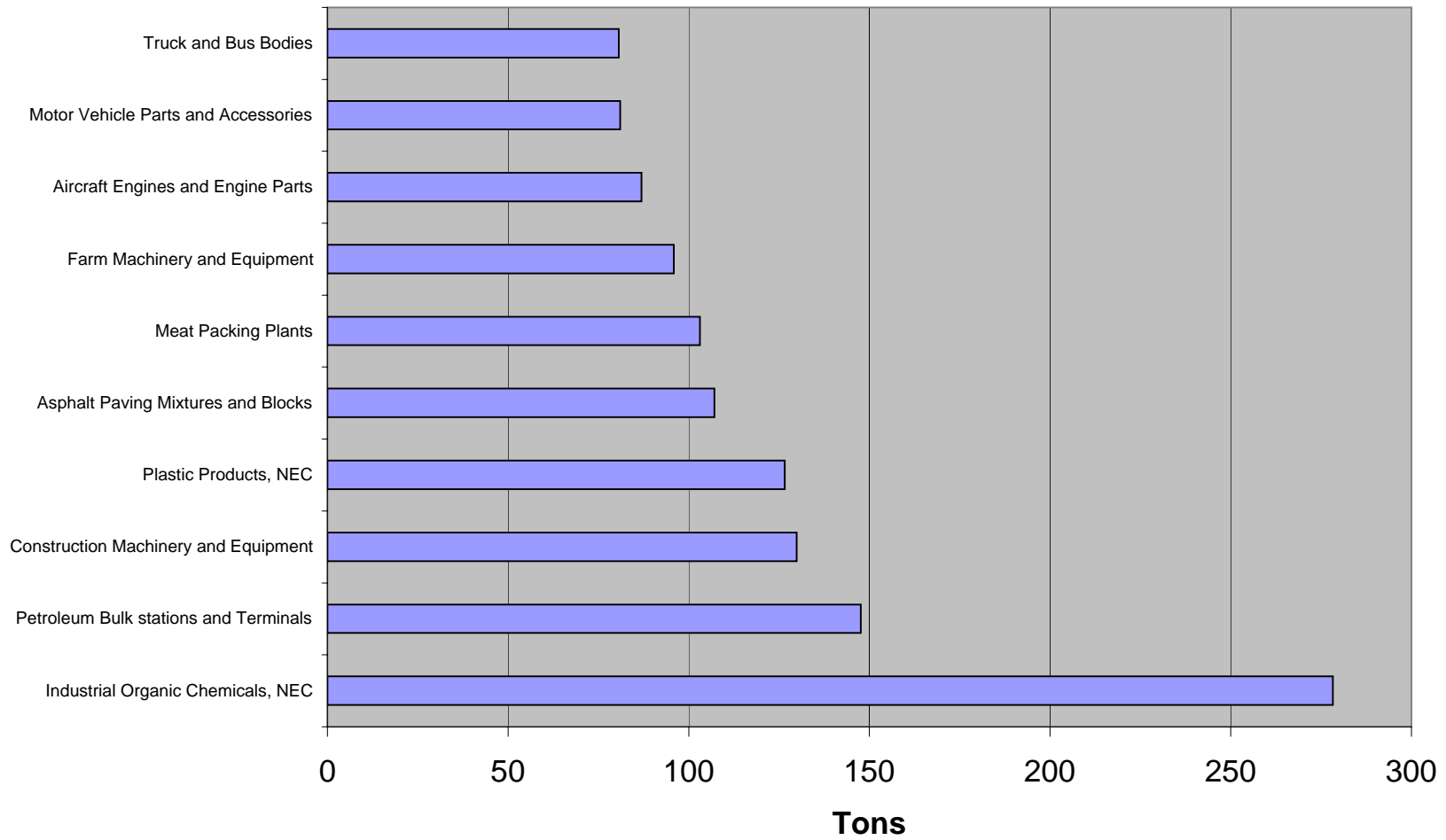
SO2 Emissions by SIC



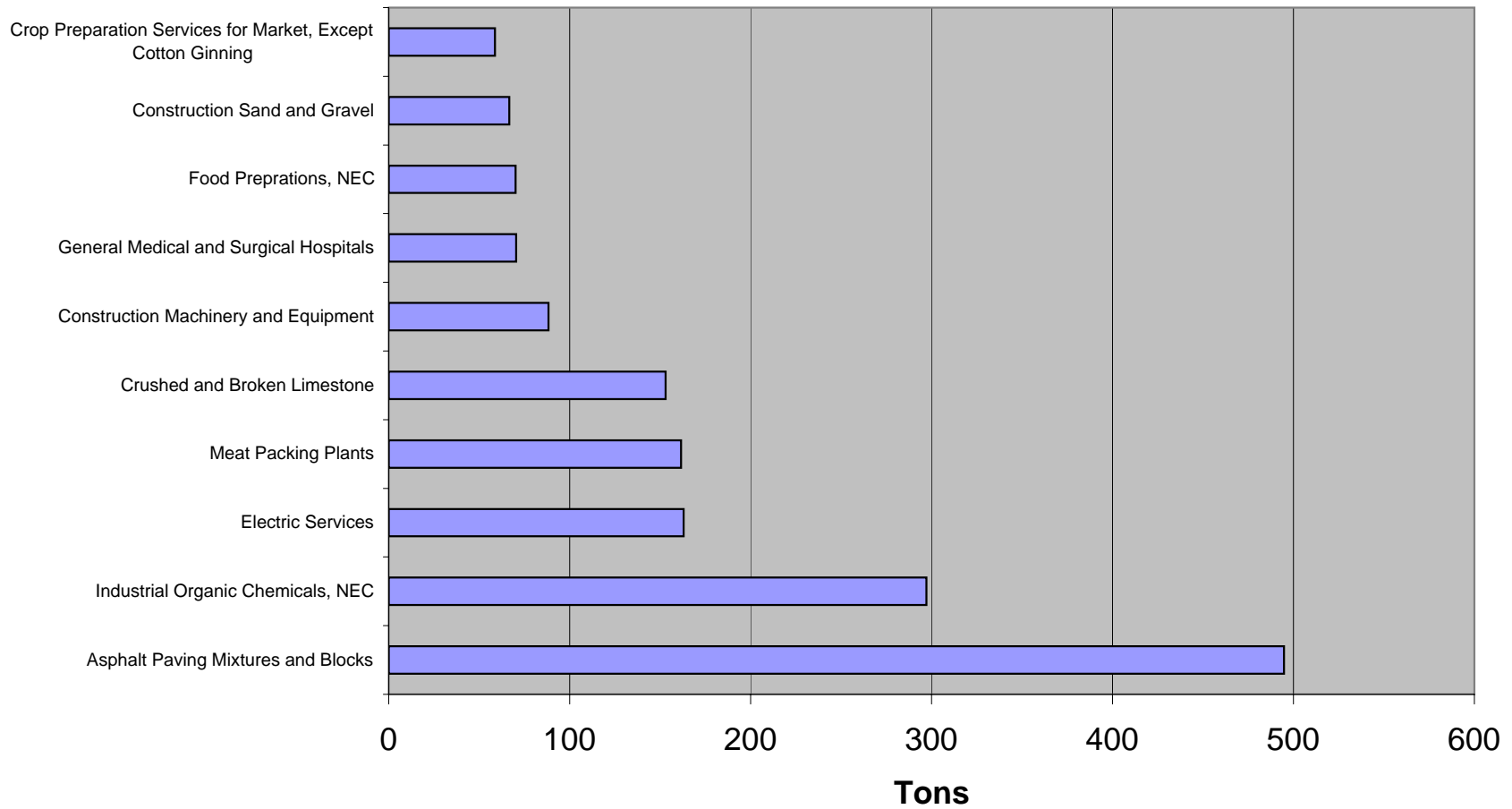
NOX Emissions by SIC



VOC Emissions by SIC



CO Emissions by SIC



HAPS Emissions by SIC

