

AB 617 South Central Fresno Community

DRAFT Community Emission Summary

**Note: Work in Progress - Numbers Subject to Change, June 4, 2019

tpy: tons per year

lbs/day: pounds per day

SOURCE CATEGORY	Aluminum (lbs/day)	Antimony (lbs/day)	Arsenic (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.14	0.00	0.00
MEDIUM DUTY VEHICLES	0.01	0.00	0.00
HEAVY DUTY VEHICLES	0.11	0.00	0.00
ON-ROAD MOBILE SOURCES EMISSION TOTAL	0.26	0.01	0.00

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SOURCE CATEGORY	Barium (lbs/day)	Bromine (lbs/day)	Cadmium (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	13.99	0.01	0.00
MEDIUM DUTY VEHICLES	1.48	0.00	0.00
HEAVY DUTY VEHICLES	3.90	0.00	0.00
ON-ROAD MOBILE SOURCES EMISSION TOTAL	19.37	0.02	0.00

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SOURCE CATEGORY	Chlorine (lbs/day)	Chromium (lbs/day)	Cobalt (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.82	0.32	0.00
MEDIUM DUTY VEHICLES	0.07	0.03	0.00
HEAVY DUTY VEHICLES	0.29	0.10	0.00
ON-ROAD MOBILE SOURCES EMISSION TOTAL	1.18	0.45	0.00

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SOURCE CATEGORY	Copper (lbs/day)	Lead (lbs/day)	Manganese (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	2.98	0.03	0.44
MEDIUM DUTY VEHICLES	0.31	0.00	0.05
HEAVY DUTY VEHICLES	0.84	0.01	0.13
ON-ROAD MOBILE SOURCES EMISSION TOTAL	4.14	0.04	0.61

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SOURCE CATEGORY	Mercury (lbs/day)	Nickel (lbs/day)	Phosphorus (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.00	0.17	0.11
MEDIUM DUTY VEHICLES	0.00	0.02	0.01
HEAVY DUTY VEHICLES	0.00	0.05	0.41
ON-ROAD MOBILE SOURCES EMISSION TOTAL	0.00	0.24	0.52

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SOURCE CATEGORY	Selenium (lbs/day)	Silver (lbs/day)	Thallium (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.01	0.00	0.00
MEDIUM DUTY VEHICLES	0.00	0.00	0.00
HEAVY DUTY VEHICLES	0.00	0.00	0.00
ON-ROAD MOBILE SOURCES EMISSION TOTAL	0.01	0.00	0.00

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SOURCE CATEGORY	Vanadium (fume or dust) (lbs/day)	Zinc (lbs/day)	1,2,4-Trimethylbenzene (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.17	0.44	29.74
MEDIUM DUTY VEHICLES	0.02	0.03	2.44
HEAVY DUTY VEHICLES	0.05	0.30	1.71
ON-ROAD MOBILE SOURCES EMISSION TOTAL	0.24	0.77	33.90

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SOURCE CATEGORY	1,3-Butadiene (lbs/day)	2,2,4- Trimethylpentane (lbs/day)	Acetaldehyde (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	5.61	45.16	9.21
MEDIUM DUTY VEHICLES	0.30	2.68	3.22
HEAVY DUTY VEHICLES	0.57	1.08	21.58
ON-ROAD MOBILE SOURCES EMISSION TOTAL	6.48	48.91	34.01

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SOURCE CATEGORY	Acrolein (lbs/day)	Benzene (lbs/day)	Crotonaldehyde (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.30	45.40	0.75
MEDIUM DUTY VEHICLES	0.01	3.88	0.03
HEAVY DUTY VEHICLES	0.00	6.07	0.00
ON-ROAD MOBILE SOURCES EMISSION TOTAL	0.32	55.36	0.78

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SOURCE CATEGORY	Cumene (lbs/day)	Cyclohexane (lbs/day)	Ethyl benzene (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	0.58	9.80	20.66
MEDIUM DUTY VEHICLES	0.03	0.67	1.63
HEAVY DUTY VEHICLES	0.06	0.12	0.99
ON-ROAD MOBILE SOURCES EMISSION TOTAL	0.67	10.59	23.28

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SOURCE CATEGORY	Ethylene (lbs/day)	Formaldehyde (lbs/day)	Hexane (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	66.57	19.26	20.78
MEDIUM DUTY VEHICLES	8.22	6.57	1.55
HEAVY DUTY VEHICLES	42.35	43.20	0.54
ON-ROAD MOBILE SOURCES EMISSION TOTAL	117.15	69.03	22.87

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SOURCE CATEGORY	Isoprene, except from vegetative emission sources (lbs/day)	Methanol (lbs/day)	Methyl ethyl ketone {2- Butanone} (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	1.12	48.57	1.05
MEDIUM DUTY VEHICLES	0.05	4.80	0.62
HEAVY DUTY VEHICLES	0.00	0.20	4.34
ON-ROAD MOBILE SOURCES EMISSION TOTAL	1.18	53.56	6.01

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SOURCE CATEGORY	Methyl tert-butyl ether (lbs/day)	Naphthalene (lbs/day)	Propionaldehyde (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	1.84	1.74	1.38
MEDIUM DUTY VEHICLES	0.14	0.16	0.44
HEAVY DUTY VEHICLES	0.02	0.28	2.85
ON-ROAD MOBILE SOURCES EMISSION TOTAL	2.00	2.18	4.68

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SOURCE CATEGORY	Propylene (lbs/day)	Styrene (lbs/day)	Toluene (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	38.73	2.37	122.13
MEDIUM DUTY VEHICLES	2.62	0.13	9.61
HEAVY DUTY VEHICLES	7.76	0.19	4.70
ON-ROAD MOBILE SOURCES EMISSION TOTAL	49.11	2.70	136.44

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SOURCE CATEGORY	Acetone (lbs/day)	m-Xylene (lbs/day)	o-Xylene (lbs/day)
ON-ROAD MOBILE SOURCES (2017)			
LIGHT DUTY VEHICLES	5.28	60.38	27.59
MEDIUM DUTY VEHICLES	3.15	5.05	2.17
HEAVY DUTY VEHICLES	22.04	1.99	1.10
ON-ROAD MOBILE SOURCES EMISSION TOTAL	30.47	67.42	30.87

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SOURCE CATEGORY	p-Xylene (lbs/day)	Ammonia (lbs/day)
ON-ROAD MOBILE SOURCES (2017)		
LIGHT DUTY VEHICLES	12.82	0.64
MEDIUM DUTY VEHICLES	0.62	0.06
HEAVY DUTY VEHICLES	0.35	0.05
ON-ROAD MOBILE SOURCES EMISSION TOTAL	13.79	0.75