

## Enclosure 4

### State of California PM2.5 Monitoring Data Summary

(based on 2000-2002 monitoring data)

Basin	County	Site	PM2.5 Annual Average (ug/m3)			3-Year Annual Average	PM2.5 98th Percentile 24-hour (ug/m3)			3-Year Average 24-Hour 98th	Data Complete/ Substitution*
			2000	2001	2002		2000	2001	2002		
Great Valley Basin	Inyo	Keeler-Cerro Gordo Road	9.6	5.5	8.4	7.8	67.0	23.0	62.0	51	No/No
	Mono	Mammoth Lakes-Gateway HC	18.0	10.3			31.0	41.0		36	No/No
Lake County	Lake	Lakeport-Lakeport Blvd.	4.0	4.2	6.4	4.9	9.4	11.3	46.3	22	No/No
Lake Tahoe	El Dorado	Echo Summit	3.8	3.8	1.0	2.8	9.0	11.0	1.0	7	No/No
		South Lake Tahoe-Sandy Way	7.8	8.2	7.7	7.9	21.0	26.0	22.0	23	No/No
Mountain Counties	Calaveras	San Andreas-Gold Strike Road	9.0	8.1	9.9	9.0	30.0	18.0	30.0	26	Yes
	Nevada	Grass Valley-Litton Building	6.2	5.7	6.3	6.1	27.0	25.0	23.0	25	No/No
		Truckee-Fire Station	8.8	9.4	7.5	8.5	22.0	26.0	16.0	21	Yes
	Plumas	Portola-161 Nevada Street	10.6	15.6	16.4	14.2	44.0	43.0	38.0	42	No/No
Quincy-N Church Street		9.4	11.5	10.9	10.6	34.0	43.0	25.0	34	No/No	
Mohave Desert	Kern	Mojave-923 Poole Street	7.5	6.1	7.9	7.1	26.4	13.9	27.3	23	No/No
		Ridgecrest-Las Flores Avenue	7.8	6.5	8.2	7.5	25.4	14.6	28.0	23	No/No
	Los Angeles	Lancaster-43301 Division Street		8.8	10.4			29.0	20.0	25	No/No
		Lancaster-W Pondera Street	10.5	10.5			21.0	23.0		22	No/No
San Bernardino	Victorville-Armagosa Road	12.0	11.5	13.9	12.5	23.0	21.0	30.0	25	Yes	
North Coast	Humbolt	Eureka-Health Dept 6th and I Street	9.1	9.4	7.9	8.8	21.5	29.0	22.6	24	Yes
	Mendocino	Ukiah-County Library	7.8	8.0	9.1	8.3	18.7	27.0	39.7	28	No/Yes
North Central Coast	Monterey	Salinas #3	7.9	8.6	9.1	8.6	21.5	21.7	22.8	22	Yes
	Santa Cruz	Santa Cruz-2544 Soquel Avenue	8.0	9.1	8.6	8.6	17.9	23.1	22.0	21	Yes
Northeast Plateau	Modoc	Alturas-W 4th Street	8.5	7.6	5.0	7.0	37.0	35.0	5.0	26	No/No

Basin	County	Site	PM2.5 Annual Average (ug/m3)			3-Year Annual Average	PM2.5 98th Percentile 24-hour (ug/m3)			3-Year Average 24-Hour 98th	Data Complete/ Substitution*
			2000	2001	2002		2000	2001	2002		
South Coast	Los Angeles	Azusa	20.2	21.7	20.7	20.8	61.6	61.4	51.0	58	Yes
		Burbank-W Palm Avenue	21.2	24.8	24.0	23.3	83.0	69.4	55.2	69	No/No
		Los Angeles-North Main Street	21.9	22.8	22.0	22.2	72.8	58.1	55.3	62	Yes
		Lynwood	23.0	24.5	23.3	23.6	62.8	66.0	52.5	60	Yes
		North Long Beach	19.7	21.2	19.5	20.1	64.3	49.2	47.1	54	No/No
		Pasadena-S Wilson Avenue	19.4	20.9	20.3	20.2	54.0	55.3	49.1	53	Yes
		Pico Rivera	24.1	25.2	24.0	24.4	70.8	66.6	57.9	65	Yes
		Reseda	18.1	18.4	18.9	18.4	50.0	56.9	45.4	51	Yes
	Orange	Anaheim-Harbor Blvd.	20.3	22.0	18.6	20.3	66.3	58.5	48.1	58	No/No
		Mission Viejo-26081 Via Pera	14.7	15.8	15.5	15.4	36.5	45.6	45.8	43	Yes
	Riverside	Riverside-Magnolia	25.3	28.2	27.1	26.9	66.8	65.8	63.7	65	Yes
		Riverside-Rubidoux	28.3	31.0	27.4	28.9	77.1	74.3	66.3	73	Yes
	San Bernardino	Big Bear City-501 W Valley Blvd	10.2	11.2	11.5	10.9	26.7	30.2	32.1	30	No/No
		Fontana-Arrow Highway	24.5	25.0	24.3	24.6	64.7	69.5	56.5	64	Yes
Ontario-1408 Francis Street		24.1	26.5	25.4	25.3	64.5	64.5	57.4	62	Yes	
San Bernardino-4th Street		25.9	26.1	25.8	25.9	70.3	68.4	66.3	68	Yes	
South Central Coast	San Luis Obispo	Atascadero-Lewis Avenue	10.3	10.1	9.3	9.9	41.0	50.7	25.7	39	Yes
		San Luis Obispo-Marsh Street	9.3	10.1	10.7	10.0	22.6	25.5	28.2	25	No/Yes
	Santa Barbara	Santa Barbara-W Carillo Street	13.1				24.2				No/No
		Santa Maria-Broadway	9.8	10.4	9.6	9.9	19.3	23.4	19.4	21	Yes
	Ventura	Thousand Oaks-Moorpark Road	13.3	14.4	12.6	13.5	42.4	45.1	28.8	39	No/No
		El Rio-Rio Mesa School #2	13.0	13.1	13.0	13.1	31.8	32.4	27.9	31	No/No
		Piru-Pacific Avenue	10.7	13.0	12.1	11.9	37.6	32.6	28.9	33	No/No
		Simi Valley-Cochran Street	14.8	14.9	14.6	14.8	42.4	40.0	35.2	39	No/No
San Diego County	San Diego	Chula Vista	13.1	15.5	13.9	14.2	32.5	31.0	36.0	33	Yes
		El Cajon-Redwood Avenue	15.7	17.7	15.4	16.2	44.6	39.5	33.6	39	No/No
		Escondido-E Valley Parkway	15.8	17.5	16.0	16.4	48.2	40.8	39.3	43	Yes
		San Diego-12th Avenue	15.6	16.6	15.5	15.9	48.7	40.0	35.6	41	No/No
		San Diego-Overland Avenue	12.4	13.5	13.0	13.0	25.1	28.8	31.6	29	No/No

Basin	County	Site	PM2.5 Annual Average (ug/m3)			3-Year Annual Average	PM2.5 98th Percentile 24-hour (ug/m3)			3-Year Average 24-Hour 98th	Data Complete/ Substitution*
			2000	2001	2002		2000	2001	2002		
San Francisco Bay Area	Alameda	Fremont-Chapel Way	10.6	12.2	12.5	11.7	36.3	47.0	41.5	42	Yes
		Livermore-793 Rincon Avenue	11.2	11.9	13.8	12.3	38.3	54.4	50.5	48	Yes
	Contra Costa	Concord-2975 Treat Blvd	10.9	10.2	12.7	11.3	42.6	38.4	49.0	43	Yes
	San Francisco	San Francisco-Arkansas Street	11.4	11.5	13.1	12.0	35.3	51.3	57.5	48	No/No
	San Mateo	Redwood_City	10.9	11.3	11.5	11.2	36.9	46.1	36.3	40	Yes
	Santa Clara	San Jose-4th Street	13.6	12.4	12.4	12.8	55.3	55.4	33.8	48	No/No
		San Jose-Jackson Street			17.5				57.6	58	No/No
		San Jose-Tully Road	12.2	11.2	12.0	11.8	54.5	45.8	37.3	46	No/No
	Solano	Vallejo-304 Tuolumne Street	11.6	12.5	13.6	12.6	44.0	56.0	54.0	51	Yes
	Sonoma	Santa Rosa-5th Street	10.3	10.8	10.5	10.5	36.8	41.4	42.4	40	Yes
San Joaquin Valley	Fresno	Clovis-N Villa Avenue	16.3	18.0	16.2	16.9	72.5	71.5	53.2	66	No/No
		Fresno-1st Street	25.5	19.8	21.6	22.3	108.0	75.0	75.0	86	No/No
		Fresno-Hamilton & Winery	18.4	18.6	21.3	19.4	64.8	61.5	71.9	66	Yes
	Kern	Bakersfield-5558 California Ave	22.0	21.2	22.8	22.0	88.8	94.9	73.0	86	Yes
		Bakersfield-1120 Golden State Highway	22.6	21.8	24.1	22.9	93.9	95.9	80.4	90	Yes
		Bakersfield-410 E Planz Road	20.3	20.8	23.6	21.6	76.5	90.6	66.8	78	Yes
	Kings	Corcoran-Patterson Avenue	16.4	19.2	21.5	19.0	55.1	89.5	65.1	70	No/No
	Merced	Merced-M Street	16.7	14.5	18.8	16.6	60.0	49.3	55.1	55	No/No
	San Joaquin	Stockton-Hazelton Street	15.5	13.9	16.7	15.3	55.0	58.0	50.0	54	Yes
	Stanislaus	Modesto-814 14th Street	18.7	15.6	18.7	17.7	71.0	69.0	69.0	70	Yes
Tulare	Visalia-N Church Street	23.9	22.5	23.2	23.2	103.0	96.0	70.0	90	Yes	
Salton Sea	Imperial	Brawley-Main Street	12.3	11.1	10.2	11.2	41.5	30.2	22.3	31	No/No
		Calexico-Ethel Street	16.9	14.9	15.1	15.6	56.0	50.4	44.1	50	Yes
		El Centro-9th Street	10.4	8.7	9.3	9.5	39.3	17.6	23.4	27	No/No
	Riverside	Indio-Jackson Street	11.2	12.2	11.9	11.8	26.2	29.8	22.2	26	Yes
		Palm Springs-Fire Station	9.6	10.7	10.0	10.1	22.6	33.0	23.3	26	Yes

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Sacramento Valley	Butte	Chico-Manzanita Avenue	15.8	13.0	15.1	14.6	70.0	56.0	53.0	60	Yes	
	Colusa	Colusa-Sunrise Blvd.	8.0	9.6	13.6	10.4	26.0	31.0	54.0	37	No/Yes	
	Placer	Roseville-N Sunrise Blvd	12.2	11.9	13.2	12.4	43.0	49.0	40.0	44	Yes	
	Sacramento	Sacramento-Del Paso Manor		8.9	12.1			36.0	62.0		49	No/No
		Sacramento-Health Dept Stockton Blvd	10.4	8.6	11.3	10.1	50.0	28.0	60.0		46	No/No
		Sacramento-T Street	12.3	11.6	14.3	12.7	49.0	53.0	63.0		55	No/No
	Shasta	Redding-Health Dept Roof	9.5	9.2	10.5	9.7	35.0	29.0	38.0		34	No/Yes
	Sutter	Yuba City-Almond Street	10.6	11.9	15.8	12.7	38.0	54.0	34.0		42	No/Yes
Yolo	Woodland-Gibson Road	10.3	10.4	10.7	10.5	38.0	35.0	31.0		35	No/No	

\*For some sites, ARB staff were able to apply U.S. EPA's data substitution policy to demonstrate that the area attains the standards even though the data were not complete. Yearly data is deemed complete when at least 75 percent of the scheduled samples are available for each quarter for all three years. For monitors not deemed complete, data substitution is allowed if at least 50 percent of the scheduled samples are available. For each monitor eligible for data substitution, ARB staff selected the maximum data value across all three years for the quarter and substituted this value for all missing data in that quarter. Using the substituted data, ARB staff then recalculated the quarterly average, annual average, three-year annual average, 24-hour 98th percentile, and 3-year average 24-hour 98th percentile.