

Table 1: MSSAs With a Significantly Elevated Percentage of Advanced Stage Breast Cancer

County	MSSA ID	% Advanced Stage	Total Cases	Advanced Observed	Advanced Expected	Excess Advanced	PIR	99% C.I.	MSSA Description
Alameda	2g	35.3	309	109	85.8	23.2	127.0	104.6 - 154.3	San Leandro West/San Lorenzo West/Hayward West
Alpine/Amador/Calaveras	6	50.0	32	16	8.7	7.3	183.9	124.7 - 271.1	Pioneer
Contra Costa	18f	41.1	209	86	59.3	26.7	145.0	117.9 - 178.4	Richmond Central/San Pablo Central
Contra Costa	18g	34.3	297	102	83.2	18.8	122.6	100.2 - 150.0	El Cerrito/El Sobrante/Kensington/Richmond North/Richmond Southeast/Wildcat Canyon
Fresno	25	46.7	15	7	4.1	2.9	170.7	101.5 - 287.3	Firebaugh/Mendota
Fresno	32	40.5	111	45	31.5	13.5	142.9	107.4 - 189.9	Orange Cove/Parlier/Reedley/Squaw Valley/Tivy Valley/Wonder Valley
Fresno	35e	38.4	146	56	41.1	14.9	136.3	104.0 - 178.5	Fresno South and West
Fresno	35d	36.3	179	65	49.6	15.4	131.0	102.3 - 167.8	Fresno East Central
Kern	60	53.7	54	29	15.2	13.8	190.8	141.0 - 258.2	Delano/McFarland
Kern	61	51.4	35	18	10.1	7.9	178.2	118.4 - 268.2	Arvin/Lamont/Weed Patch
Kern	65	39.5	86	34	23.8	10.2	142.9	102.0 - 200.2	Boron/California City/Desert Lake/Mojave/North Edwards/Rosamond
Kern	66b	38.3	201	77	56.2	20.8	137.0	109.6 - 171.3	Bakersfield East/Lakeview/La Loma
Kings	69	38.0	221	84	62.4	21.6	134.6	108.0 - 167.7	Armona/Hanford/Lemoore
Lassen/Modoc/Plumas	72	50.0	36	18	10.2	7.8	176.5	118.5 - 262.7	Susanville
Los Angeles	78.2mmm	48.9	90	44	25.5	18.5	172.5	130.9 - 227.5	Downtown Southeast/Florence North
Los Angeles	78.2ggg	48.9	131	64	37.7	26.3	169.8	135.3 - 213.1	South Central Northeast
Los Angeles	78.2iii	46.0	139	64	39.5	24.5	162.0	128.5 - 204.2	North Long Beach
Los Angeles	78.2bbb	44.5	137	61	39.5	21.5	154.4	120.9 - 197.2	Compton East
Los Angeles	78.2e	43.8	251	110	71.4	38.6	154.1	128.7 - 184.5	Country Club Park/Koreatown/Mid-City East
Los Angeles	78.2a	43.7	190	83	54.3	28.7	152.9	123.7 - 188.9	Echo Park/Hollywood North Central/Silverlake South
Los Angeles	78.2ddd	41.8	79	33	22.5	10.5	146.7	104.9 - 205.0	Bell Southwest/Cudahy/Vernon
Los Angeles	78.2bb	41.7	175	73	49.0	24.0	149.0	118.8 - 186.8	North Hollywood Central and North

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Los Angeles	78.2sss	41.6	178	74	50.0	24.0	148.0	118.0 - 185.7	Downey Southwest/Lynwood North Central/South Gate East
Los Angeles	78.2aaa	41.4	111	46	30.9	15.1	148.9	111.5 - 198.8	Watts/Willowbrook
Los Angeles	78.2fff	40.9	115	47	32.3	14.7	145.5	109.6 - 193.1	Firestone/Florence South
Los Angeles	78.2b	40.8	157	64	44.8	19.2	142.9	111.8 - 182.5	Pico-Union
Los Angeles	78.2gg	40.6	192	78	54.1	23.9	144.2	116.2 - 178.9	Angeles National Forest West/Kagel Canyon/Lake View Terrace/San Fernando East/Sylmar
Los Angeles	78.2hhhh	40.5	185	75	51.8	23.2	144.8	115.1 - 182.1	Canoga Park Northeast/Winnetka
Los Angeles	78.2s	40.5	153	62	43.2	18.8	143.5	111.7 - 184.4	South Central Southwest
Los Angeles	78.2m	40.2	219	88	62.1	25.9	141.7	115.0 - 174.6	Bellflower/Paramount South
Los Angeles	78.2h	40.2	122	49	34.6	14.4	141.6	107.1 - 187.3	Boyle Heights Central/City Terrace West
Los Angeles	78.2ooo	39.8	103	41	29.9	11.1	137.1	101.2 - 185.9	Lynwood South/Paramount North
Los Angeles	78.2zzz	39.8	196	78	56.1	21.9	139.0	111.1 - 173.9	Baldwin Park/Irwindale
Los Angeles	78.2z	39.6	207	82	58.6	23.4	139.9	112.5 - 174.0	Mar Vista/Ocean Park/Santa Monica South/Venice
Los Angeles	78.2ccc	39.5	114	45	33.5	11.5	134.3	100.1 - 180.3	Huntington Park/South Gate West/Walnut Park
Los Angeles	78.2ll	39.2	212	83	60.4	22.6	137.4	110.4 - 171.1	Arleta/Pacoima West/Panorama City/San Fernando West
Los Angeles	78.2ffff	38.8	103	40	29.0	11.0	137.9	101.6 - 187.3	Boyle Heights Northwest/Chinatown/Downtown Northwest/Little Tokyo/Westlake
Los Angeles	78.2qq	38.6	324	125	90.9	34.1	137.5	114.9 - 164.6	Asuza/Charter Oak/Covina
Los Angeles	78.2ppp	37.6	181	68	51.1	16.9	133.1	104.1 - 170.2	Pacoima East/Sun Valley West
Los Angeles	78.2hhh	37.6	221	83	61.8	21.2	134.3	107.5 - 167.8	Altadena West/Pasadena Northwest
Los Angeles	77.1a	37.5	160	60	46.0	14.0	130.4	100.4 - 169.5	Palmdale Central
Los Angeles	78.2k	37.5	248	93	70.0	23.0	132.9	107.8 - 163.7	South Central Northwest
Los Angeles	78.2l	37.5	144	54	40.8	13.2	132.4	100.7 - 174.0	Exposition Park/Leimert Park
Los Angeles	78.2v	37.1	337	125	95.2	29.8	131.3	109.6 - 157.2	Carson/Compton West/Rancho Dominguez
Los Angeles	78.2eeee	37.0	305	113	85.4	27.6	132.3	109.3 - 160.2	Alhambra/El Sereno South/San Gabriel Central

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Los Angeles	78.2cc	37.0	230	85	65.0	20.0	130.8	105.0 - 162.9	Van Nuys Central
Los Angeles	78.2nnn	36.7	226	83	63.3	19.7	131.1	105.3 - 163.2	Crenshaw/Culver City East/Mid-City South/West Adams
Los Angeles	78.2f	36.7	278	102	77.7	24.3	131.3	107.2 - 160.7	Hollywood Hills/Hollywood West/Mount Olympus/West Hollywood
Los Angeles	78.2ff	36.3	256	93	73.0	20.0	127.4	103.2 - 157.3	Glassell Park/Glendale Southeast/Silverlake North
Los Angeles	78.2ww	36.2	243	88	66.8	21.2	131.7	106.1 - 163.6	Pico Rivera/Santa Fe Springs Northwest
Los Angeles	78.2uuu	36.0	214	77	59.3	17.7	129.8	102.9 - 163.9	Athens/Gardena Northeast/Harbor Gateway North
Los Angeles	78.2dddd	35.5	321	114	90.2	23.8	126.4	104.3 - 153.2	Arcadia Southeast/San Gabriel North
Los Angeles	78.2gggg	35.0	337	118	94.2	23.8	125.3	104.0 - 150.8	Altadena East/Angeles National Forest East/Azusa North/Duarte North/Glendora/Pasadena East
Los Angeles	78.2www	34.7	308	107	87.1	19.9	122.8	100.6 - 150.0	Valinda/West Covina
Los Angeles	78.2xxx	34.5	365	126	102.4	23.6	123.0	102.3 - 148.0	Arcadia Central and Northeast/Bradbury/Monrovia/Sierra Madre
Los Angeles	78.2rrr	33.7	409	138	115.2	22.8	119.8	100.4 - 143.0	La Mirada/Santa Fe Springs South
Mendocino	93.2	53.3	15	8	4.4	3.6	181.8	102.8 - 321.4	Redwood Valley
Orange	116o	36.2	246	89	70.9	18.1	125.5	101.1 - 155.8	Irvine Central/Tustin East
Orange	116i	36.1	202	73	56.5	16.5	129.2	101.9 - 163.8	Garden Grove South/Santa Ana West
Orange	116m	33.8	465	157	131.4	25.6	119.5	101.3 - 141.0	Brea East/Placentia Central and North/Yorba Linda
Riverside	126	47.8	23	11	6.4	4.6	171.9	103.4 - 285.6	Blythe
Riverside	135g	41.2	165	68	47.7	20.3	142.6	112.5 - 180.6	Moreno Valley
Riverside	135a	39.2	153	60	42.4	17.6	141.5	110.1 - 181.9	Eastside/Fairmont Park/Riverside Downtown/Rubidoux/University
Riverside	135d	39.2	176	69	50.5	18.5	136.6	107.6 - 173.4	Arlington/Corona East/Home Gardens/La Sierra/Riverside Southwest
Riverside	135b	38.7	328	127	94.4	32.6	134.5	113.0 - 160.1	Edgemont/Orange Crest/Woodcrest
Riverside	131a	37.5	253	95	69.9	25.1	135.9	110.4 - 167.2	Lake Elsinore/Murrieta West/Sedco Hills/Wildomar
Riverside	131b	37.2	336	125	95.4	29.6	131.0	109.4 - 157.0	French Valley/Murrieta East/Temecula/Winchester
Riverside	135f	36.4	206	75	58.6	16.4	128.0	101.0 - 162.2	Corona South/El Cerrito/Temescal

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Riverside	135c	36.0	186	67	52.0	15.0	128.8	100.3 - 165.5	Casablanca/Riverside Central
Riverside	129.4	32.6	380	124	102.1	21.9	121.4	100.6 - 146.7	Cathedral City Southeast/Palm Desert North/Palm Springs South/Rancho Mirage North
Sacramento	139c	35.2	440	155	121.8	33.2	127.3	108.1 - 149.8	Antelope/Citrus Heights/Foothill Farms
San Bernardino	151h	42.5	212	90	60.3	29.7	149.3	122.3 - 182.2	Fontana Central/Rialto Central
San Bernardino	145.1a	36.0	297	107	83.7	23.3	127.8	104.9 - 155.8	Hesperia West/Mountain View Acres/Victorville Central and South
San Bernardino	151g	36.0	200	72	56.2	15.8	128.1	101.1 - 162.4	Muscoy/San Bernardino Central
San Diego	159	60.0	15	9	3.9	5.1	230.8	140.6 - 378.9	Buckman Springs/Canyon City/Jacumba/Morena Village/Tecate
San Diego	161k	37.9	169	64	47.4	16.6	135.0	105.2 - 173.3	Chula Vista Central and Northwest/National City West
San Diego	161s	36.7	264	97	75.7	21.3	128.1	104.5 - 157.2	Cockatoo Grove/Eastlake Greens/Otay Mesa
San Diego	161i	35.8	279	100	77.9	22.1	128.4	104.9 - 157.0	Calavo Gardens/Casa de Oro/Cottonwood/Grossmont/Homelands/Lemon Grove Central and North/Mount Helix/Rancho San Diego/Spring Valley
San Diego	161t	35.6	284	101	80.2	20.8	125.9	102.9 - 154.1	Bonita/Chula Vista East/Eastlake/La Presa/Lynwood Hills/Rancho del Rey/Sunnyside/Sunny Vista
San Diego	156e	34.2	304	104	82.9	21.1	125.5	102.4 - 153.6	Escondido Central and South/San Marcos Central and East
San Joaquin	169b	35.7	235	84	66.2	17.8	126.9	101.3 - 158.9	French Camp/Stockton South/Stockton Southeast
Santa Clara	183j	36.6	191	70	53.6	16.4	130.6	102.4 - 166.6	San Jose Northwest
Santa Cruz	185.1	37.0	381	141	106.4	34.6	132.5	111.8 - 157.0	Aptos/Capitola/Live Oak/Rio del Mar/Santa Cruz
Siskiyou/Trinity	195	44.7	47	21	13.1	7.9	160.3	107.2 - 239.6	Gazelle/Grenada/Hilt/Hornbrook/Yreka
Sonoma	209.1	35.5	408	145	114.9	30.1	126.2	106.4 - 149.7	Petaluma
Tulare	233	36.6	306	112	85.8	26.2	130.5	107.7 - 158.3	Farmersville/Goshen/Visalia