# District 05 Mobility Performance Report

2021 Second Quarter

DEPARTMENT OF TRANSPORTATION

August 12, 2021 : Nicholas Zangl 2021 Second Quarter

#### **EXECUTIVE SUMMARY**

#### Overview

Caltrans District 5 contains five counties located along the central coast of California: Santa Barbara, San Luis Obispo, Monterey, Santa Cruz and San Benito Counties. All counties are in urban settings within city limits and rural settings outside city limits. Santa Cruz and Monterey are the top two most congested counties in the 2<sup>nd</sup> quarter.

The Mobility Performance quarterly analysis compares information with over a year ago and over last quarter in the following performance measures:

- Vehicle Miles of Travel (VMT))
- Vehicle Hours of Delay (VHD), Bottleneck Locations
- Lost Lane Miles (equivalent lost productivity)
- Detector Health

This information is based on data collected every day of the quarter, twenty–four hours a day, by automated vehicle detector stations deployed on urban-area freeways where congestion is regularly experienced. The MPR presents congestion information at two speed thresholds: delay from vehicles traveling below 35 miles per hour (mph), and delay from vehicles traveling below 60 mph. The delay at the 35 mph threshold represents severe congestion while delay at 60 mph represents all congestion, both light and heavy. These thresholds are set by Caltrans and are based upon engineering experience and District input.

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## FINDINGS

In the second quarter, total delay equaled 372,200 vehicle hours of delay (VHD) at the 35 mph speed threshold, and 921,500 VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 4,134 VHD at 35 mph, and 9,981 VHD at 60 mph.

## Top Ten Bottlenecks for Quarter 2

County	Fwy	Location	Туре	Shift	Abs PM	CA PM	Latitude	Longitude	# Days Active	Avg Extent (Miles)	Total Delay (veh-hrs)	Total Duration (mins)
SCR	SR1-S	SOQUEL DR NEXT EXIT SIGN HWY 1 N	ML	PM	365.71	14.41	36.99	-121.98	64	1.63	16,237.10	10,240.00
SCR	SR1-S	STATE PARK DR AT HWY 1 NB VDS ML	ML	PM	361.62	10.319	36.98	-121.91	56	3.36	14,683.40	6,740.00
MON	SR1-N	CANYON DEL REY BLVD AT HWY 1 NB	ML	PM	330.08	79.54	36.61	-121.86	59	1.97	9,485.20	5,555.00
SCR	SR1-S	BAY AVE - PORTER ST AT HWY 1 SB	ML	PM	364.58	13.279	36.98	-121.96	63	0.65	8,367.10	7,385.00
MON	SR1-N	CARPENTER RD HWY 1 NB VDS MLNB N	ML	PM	324.95	74.419	36.56	-121.91	64	1.48	7,814.40	9,895.00
SCR	SR1-S	700' N of 001 NB Overcrossing	ML	PM	368.51	17.21	36.99	-122.02	11	8.40	7,520.50	975.00
SBT	SR156-E	WEST OF MITCHELL RD ON HWY 156 W	ML	PM	13.29	6.918	36.84	-121.46	61	4.30	6,664.00	5,865.00
SBT	SR156-W	BUSINESS RTE 156 ON HWY 156 WB V	ML	PM	13.93	7.564	36.85	-121.45	50	2.60	4,949.00	4,195.00
SCR	SR1-S	PARK AVE AT HWY 1 NB VDS MLSB SB	ML	PM	363.18	11.88	36.98	-121.93	63	1.68	4,840.30	3,800.00
SB	US101-S	CABRILLO BLVD SB 101 PM 94.57 VD	ML	PM	94.55	11.662	34.42	-119.66	64	0.30	4,048.90	14,025.00

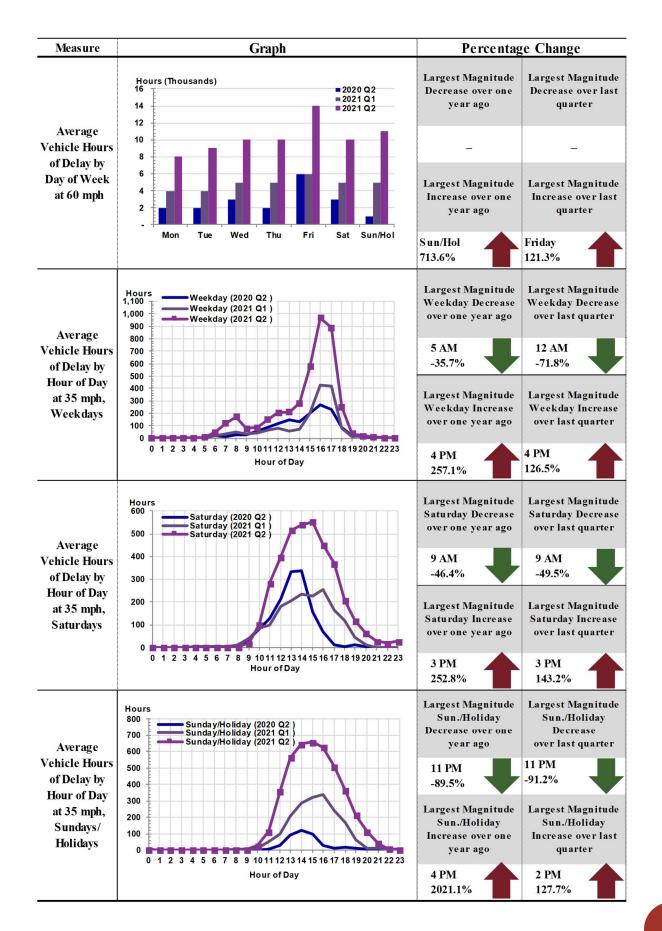


### **Quarterly Mobility Statistics**

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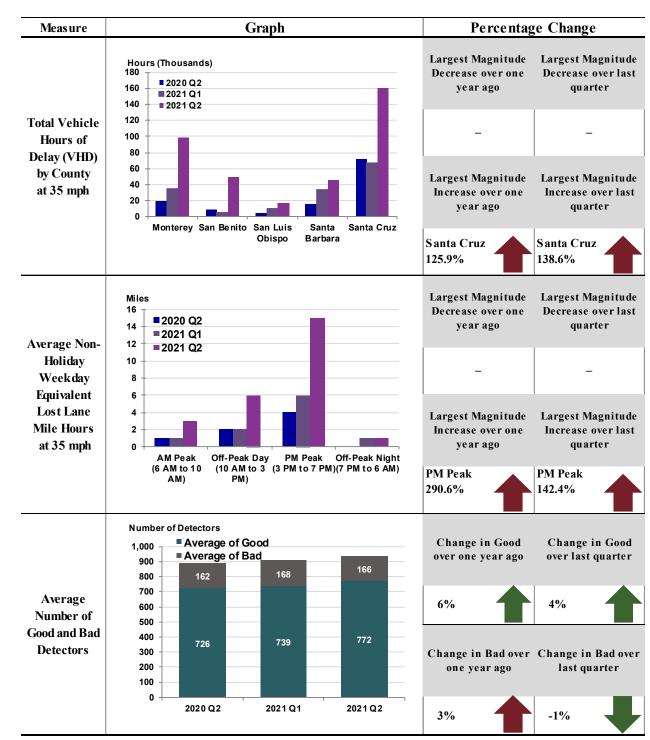
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Congestion by Route												
		Vehicle Hours of Delay at 35 mph				erence 2-2020 Q2		erence 2-2021 Q1	Rank			
Route	County	2020 Q2	2021 Q1	2021 Q2	Absolute	Percentage	Absolute	Percentage	2020 Q2	2021 Q1	2021 Q2	
SR1	Santa Cruz	32,095	54,571	141,136	109,041	339.7%	86,565	158.6%	2	1	1	
SR1	Monterey	11,034	24,825	64,020	52,986	480.2%	39,195	157.9%	4	3	2	
SR156	San Benito	8,750	5,520	49,459	40,709	465.3%	43,938	795.9%	5	7	3	
US101	Santa Barbara	16,168	33,493	46,014	29,845	184.6%	12,520	37.4%	3	2	4	
US101	Monterey	5,770	5,799	24,450	18,680	323.7%	18,651	321.6%	6	6	5	
SR17	Santa Cruz	38,799	12,535	19,009	-19,790	-51.0%	6,473	51.6%	1	4	6	
US101	San Luis Obispo	4,167	10,185	17,502	13,335	320.1%	7,317	71.8%	7	5	7	
SR68	Monterey	2,622	4,761	10,633	8,011	305.6%	5,871	123.3%	8	8	8	
TOTALS		119,405	151,690	372,221	252,817	211.7%	220,531	145.4%				