

2022 Fourth 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 Santa Barbara are the top two most congested counties in the 4th 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))
- o 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.

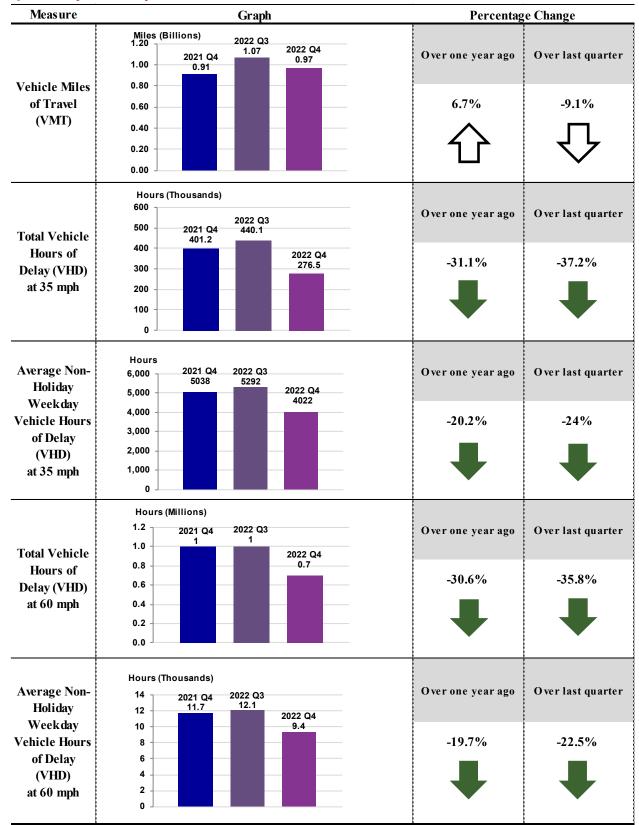
FINDINGS

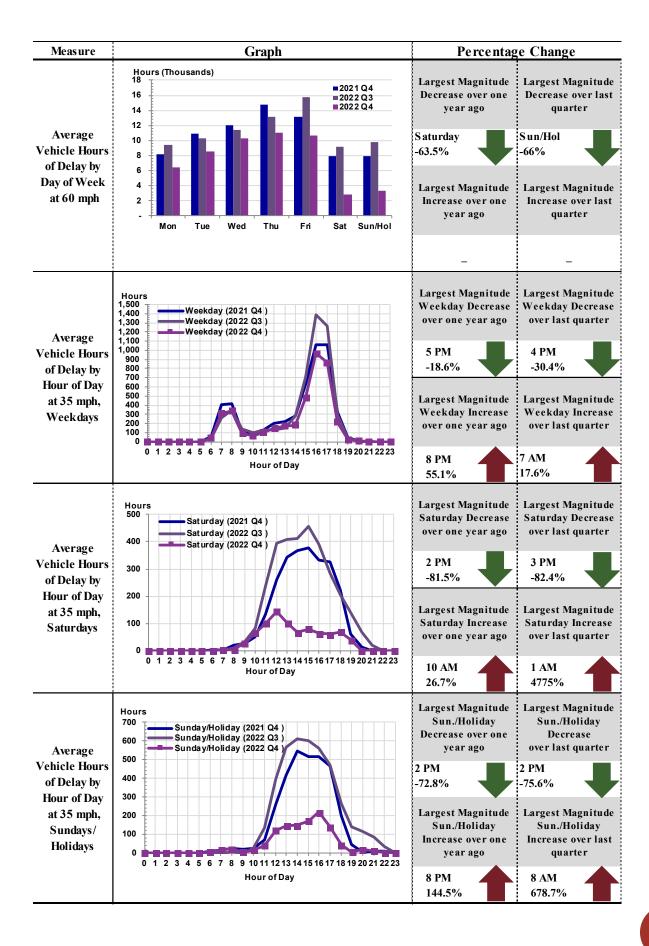
In the fourth quarter, total delay equaled 276,500 vehicle hours of delay (VHD) at the 35 mph speed threshold, and 669,400 VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 4,022 VHD at 35 mph, and 9,387 VHD at 60 mph.

Top Ten Bottlenecks for Quarter 4

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	BAY AVE - PORTER ST AT HWY 1 SB	ML	PM	364.577	13.279	36.983018	-121.95851	60	2.26667	30526.8	12,010.00
SB	US101-S	SAN YSIDRO RD 101 NB VDS MLSB SB	ML	PM	92.928	10.04	34.422455	-119.632021	58	2.61207	14148.3	5,130.00
MON	SR1-N	CANYON DEL REY BLVD AT HWY 1 NB	ML	PM	330.075	R79.54	36.611936	-121.85503	56	2.42143	12205.1	6,325.00
SCR	SR1-S	STATE PARK DR AT HWY 1 NB VDS ML	ML	PM	361.617	10.319	36.976222	-121.907143	52	2.61923	8831	6,015.00
SCR	SR1-N	PARK AVE AT HWY 1 SB VDS MLNB NB	ML	AM	363.679	12.338	36.98406	-121.941535	39	3.95385	8321.5	3,500.00
SB	US101-S	HWY 150 AT 101 NB VDS MLSB SB	ML	PM	83.993	0.957	34.385615	-119.489724	18	1.44444	7149.8	2,170.00
SCR	SR1-N	BAY AVE - PORTER ST AT HWY 1 NB	ML	PM	364.373	13.032	36.983544	-121.954147	61	0.5	5480.4	12,105.00
MON	SR1-S	SOUTH OF FREMONT BLVD AT HWY 1 N	ML	AM	330.929	R80.46	36.622494	-121.845397	48	2.87292	5277.1	3,365.00
MON	SR68-E	LAGUNA SECA MAIN ENTRANCE HWY 68	ML	PM	11.238	11.034	36.570195	-121.759253	61	2.5	4286.9	9,920.00
MON	SR1-N	CARPENTER RD HWY 1 NB VDS MLNB N	ML	PM	324.954	74.419	36.56444	-121.911973	63	1.43333	3820.1	8,050.00

Quarterly Mobility Statistics







Congestion by Route												
		Vehicle Hours of Delay at 35 mph				erence 14-2021 Q4		erence 14-2022 Q3	Rank			
Route	County	2021 Q4	2022 Q3	2022 Q4	Absolute	Percentage	Absolute	Percentage	2021 Q4	2022 Q3	2022 Q4	
SR1	Santa Cruz	130,560	164,604	95,259	-35,301	-27.0%	-69,345	-42.1%	1	1	1	
US101	Santa Barbara	122,734	85,581	77,813	-44,921	-36.6%	-7,768	-9.1%	2	3	2	
SR1	Monterey	53,956	96,479	44,087	-9,870	-18.3%	-52,392	-54.3%	3	2	3	
US101	Monterey	17,776	23,852	14,563	-3,213	-18.1%	-9,289	-38.9%	6	4	4	
US101	San Luis Obispo	26,120	22,151	14,466	-11,654	-44.6%	-7,684	-34.7%	4	5	5	
SR156	San Benito	21,179	16,756	10,295	-10,884	-51.4%	-6,461	-38.6%	5	6	6	
SR17	Santa Cruz	11,654	9,401	4,192	-7,462	-64.0%	-5,209	-55.4%	7	7	7	
Т	OTALS	383,979	418,824	260,675	-123,304	-32.1%	-158,149	-37.8%				