

2021 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))
- Vehicle Hours of Delay (VHD), Bottleneck Locations
- Lost Lane Miles (equivalent lost productivity)
- o 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

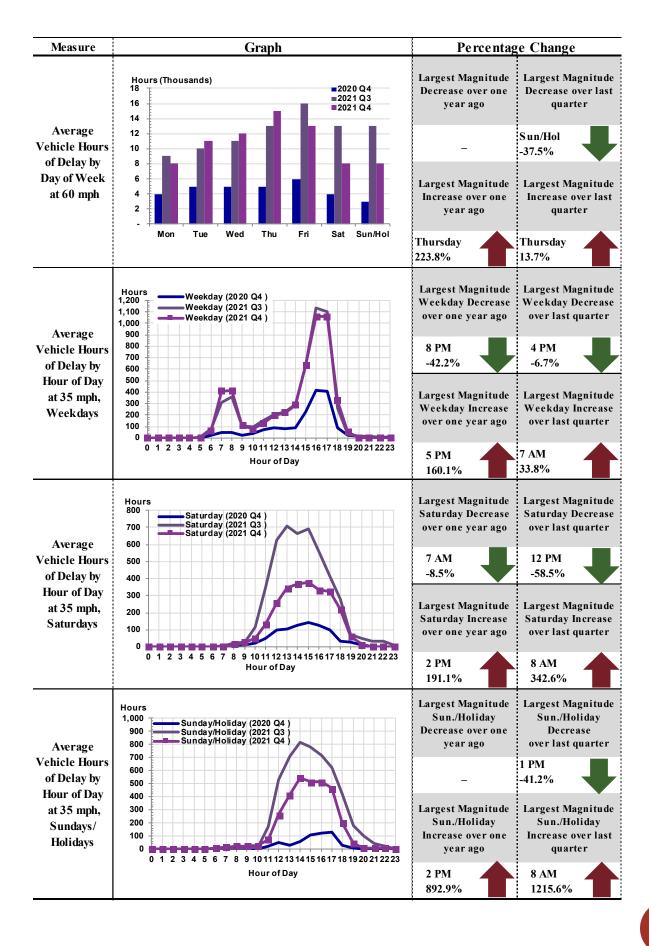
In the fourth quarter, total delay equaled 401,200 vehicle hours of delay (VHD) at the 35 mph speed threshold, and 965,100 VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 5,038 VHD at 35 mph, and 11,692 VHD at 60 mph.

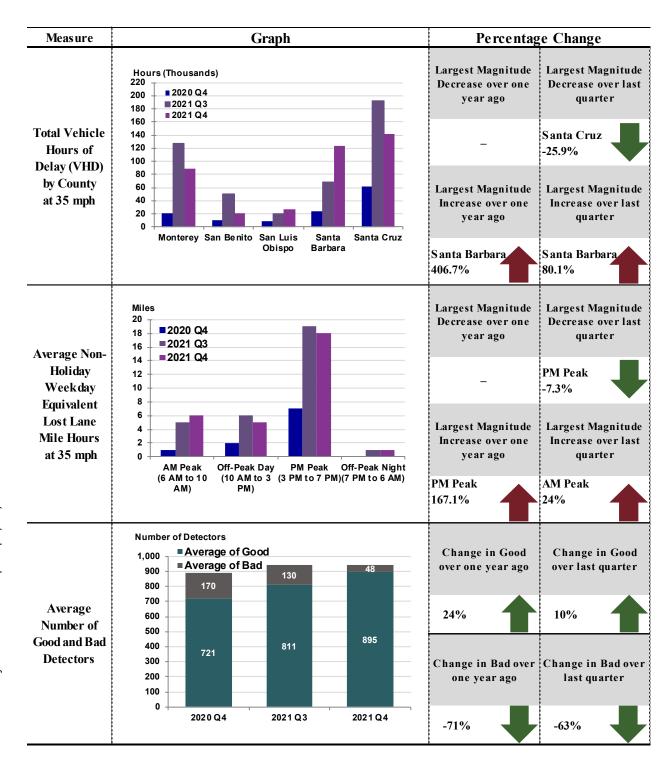
Top Ten Bottlenecks for Quarter 4

County	Fwy	Location	Туре	Shift	Abs PM	CA PM	Latitude	Longitude	# Days Active	Avg Extent (Miles)	Total Delay (veh-hrs)	Total Duration (mins)
SB	US101-S	SAN YSIDRO RD 101 NB VDS MLSB SB	ML	PM	92.928	10.04	34.422455	-119.632021	58	3.20172	41854.3	10430
SCR	SR1-S	BAY AVE - PORTER ST AT HWY 1 SB	ML	PM	364.577	13.279	36.983018	-121.95851	60	1.18833	20066.1	12050
SCR	SR1-S	700' N of 001 NB Overcrossing	ML	PM	368.508	17.21	36.986035	-122.024092	20	8.4	12297.1	1805
SCR	SR1-N	PARK AVE AT HWY 1 SB VDS MLNB NB	ML	AM	363.679	12.338	36.98406	-121.941535	49	3.98571	11813.3	4340
MON	SR1-N	CANYON DEL REY BLVD AT HWY 1 NB	ML	PM	330.075	R79.54	36.611936	-121.85503	55	2.46909	11569.5	5820
SCR	SR1-S	SOQUEL DR NEXT EXIT SIGN HWY 1 N	ML	PM	365.708	14.41	36.985023	-121.978295	54	1.56852	8285.2	5200
MON	SR1-S	SOUTH OF FREMONT BLVD AT HWY 1 N	ML	AM	330.929	R80.46	36.622494	-121.845397	51	3.49804	8052.2	3600
SLO	US101-S	SPYGLASS DR 101 SB VDS MLSB SB	ML	PM	193.322	R19.797	35.163842	-120.686844	47	2.0766	6325.3	5075
SCR	SR1-N	BAY AVE - PORTER ST AT HWY 1 NB	ML	PM	364.373	13.032	36.983544	-121.954147	60	0.5	5333.7	12160
SB	US101-N	BAILARD AVE 101 NB VDS MLNB NB	ML	AM	84.742	1.819	34.389586	-119.501353	45	1.48667	5269.1	3845

Quarterly Mobility Statistics

Measure	Graph	Percentage Change				
	Miles (Billions)					
		Over one year ago Over last quarter				
Vehicle Miles of Travel	2021 Q3 2021 Q4 1 0 9	10.79/				
(VMT)	1 2020 Q4 0.9	10.7% -9%				
(*****)	0	☆ ◆				
	Hours (Thousands)					
	2021 Q3	Over one year ago Over last quarter				
Total Vehicle	500 458.7 2021 Q4 400 401.2					
Hours of		219.5% -12.5%				
Delay (VHD) at 35 mph	300 2020 Q4	_				
at 35 mpn	125.6					
	100	_				
Average Non-	Hours 6,000 2021 Q4	Over one year ago Over last quarter				
Holiday	5,000 2021 Q3 5038 5019	Over one year ago Over last quarter				
Weekday	4,000					
Vehicle Hours	3,000 - 2020 Q4	192.9% 0.4%				
of Delay (VHD)	2,000					
at 35 mph	1,000					
	0					
	Hours (Millions)					
	2	Over one year ago Over last quarter				
Total Vehicle	2021 Q3 1.1 2021 Q4					
Hours of Delay (VHD)	1.1 2021 Q4 1	143.2% -13.7%				
at 60 mph	2020 Q4					
1	0.4					
	0	-				
Average Non	Hours (Thousands)	Over one year ago Over last quarter				
Average Non- Holiday	14 2021 Q3 2021 Q4 12 12 12	Over one year ago Over last quarter				
Weekday	10					
Vehicle Hours	8 2020 Q4	135.7% -2.4%				
of Delay	6 5					
(VHD)	4 2					
at 60 mph	2	_				





Congestion by Route											
		Vehicle Hours of Delay at 35 mph				erence 4-2020 Q4	Difference 2021 Q4-2021 Q3		Rank		
Route	County	2020 Q4	2021 Q3	2021 Q4	Absolute	Percentage	Absolute	Percentage	2020 Q4	2021 Q3	2021 Q4
SR1	Santa Cruz	56,040	172,449	130,560	74,520	133.0%	-41,889	-24.3%	1	1	1
US101	Santa Barbara	24,224	68,140	122,734	98,511	406.7%	54,594	80.1%	2	3	2
SR1	Monterey	11,811	85,981	53,956	42,146	356.8%	-32,025	-37.2%	3	2	3
US101	San Luis Obispo	8,312	20,401	26,120	17,808	214.3%	5,719	28.0%	5	6	4
SR156	San Benito	10,180	50,881	21,179	11,000	108.1%	-29,701	-58.4%	4	4	5
US101	Monterey	5,670	22,900	17,776	12,106	213.5%	-5,124	-22.4%	6	5	6
SR68	Monterey	3,842	18,586	17,254	13,412	349.1%	-1,332	-7.2%	8	8	7
SR17	Santa Cruz	5,487	19,357	11,654	6,167	112.4%	-7,703	-39.8%	7	7	8
Т	OTALS	125,565	458,694	401,233	275,669	219.5%	-57,460	-12.5%			

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