

2022 Third Quarter

**DEPARTMENT OF TRANSPORTATION** 

October 21, 2022 : District 11- Traffic System Performance

## **District 11 Mobility Performance Report**

### 2022 Third Quarter

#### **EXECUTIVE SUMMARY**

#### Overview

Caltrans District 11 consists of both the Imperial and San Diego counties, with San Diego having a population of approximately 3,286,069 residents and Imperial County with approximately 179,702 residents. Although, District 11 is composed of these two counties, Imperial County does not report any performance data due to less population.

The Mobility Performance quarterly analysis compares traffic information with the information collected in the same quarter over a year ago. In addition, it compares traffic information with its preceding quarter. The following parameters are used to show the performance measures of the area freeways:

- 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 total congestion. These thresholds are set by Caltrans and are based upon engineering experience and District input.

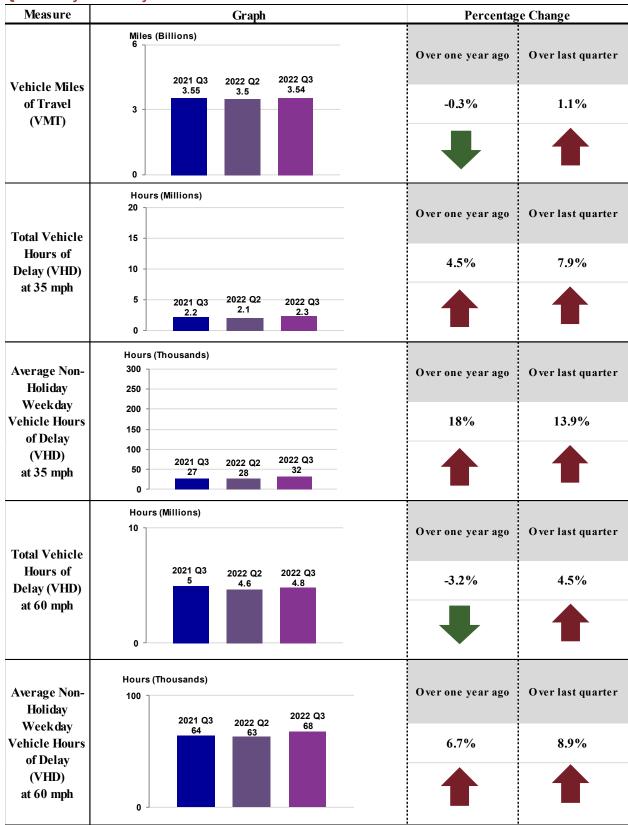
## **FINDINGS**

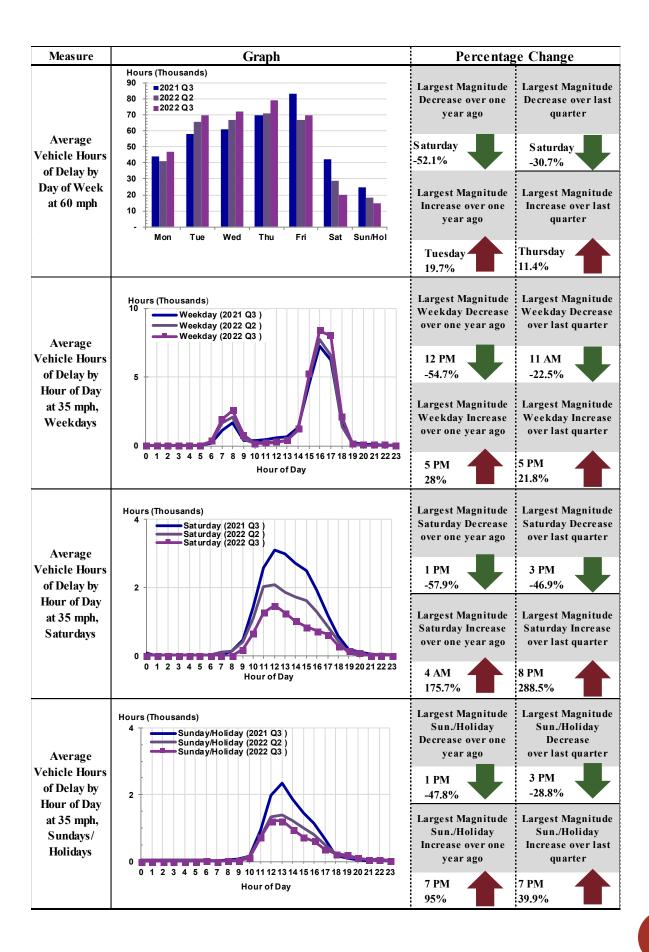
In the third quarter of 2022, total delay equaled 2.3 million vehicle hours of delay (VHD) at the 35 mph speed threshold, and 4.8 million VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 32 thousand VHD at 35 mph, and 68 thousand VHD at 60 mph.

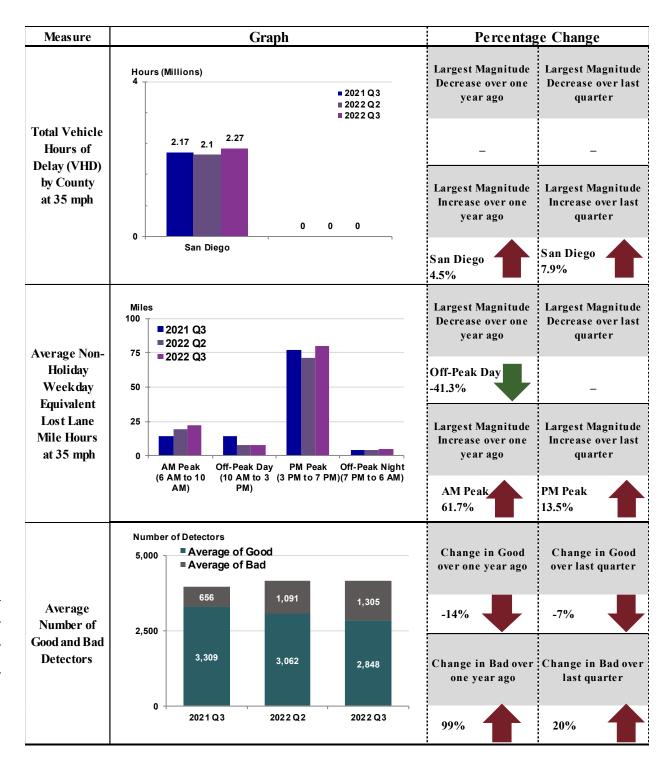
# Top Ten Bottlenecks for the 2022 Third Quarter:

County	Shift	Fwy	Direction	Name	Abs PM	CA PM	Latitude	Longitude	# Days Active	Avg Extent (Miles)	Total Delay (veh-hrs)	Total Duration (mins)
San Diego	PM	SR125-S	S	Grossmont Blvd to 125 SB	1.83	0	32.59	-116.97	63	4.38	193,432.00	11,550.00
San Diego	PM	1805-S	S	805 SB N-O 15	15.23	15.38	32.74	-117.12	54	6.86	154,601.80	8,710.00
San Diego	PM	15-S	S	5 SB N-O Civic Center Dr	10.80	R10.898	32.67	-117.11	56	3.46	80,799.50	8,895.00
San Diego	PM	SR52-E	Е	52 EB W-O 15	7.25	7.245	32.84	-117.12	61	1.50	74,940.40	12,215.00
San Diego	PM	I15-S	S	Balboa Ave WB to 15 SB	9.37	R9.195	32.82	-117.12	63	2.21	67,450.20	9,510.00
San Diego	PM	15-S	S	5th Ave to 5 SB	16.00	R16.11	32.72	-117.16	57	2.77	61,937.60	6,865.00
San Diego	PM	1805-S	S	805 SB @ University Ave.	15.84	15.99	32.75	-117.12	20	6.61	60,223.30	3,020.00
San Diego	PM	SR125-S	S	Lemon Ave to 125 SB	17.03	14.623	32.76	-117.01	57	1.69	56,943.10	12,215.00
San Diego	PM	SR163-N	N	163 NB S-O I-8	2.79	3.34	32.76	-117.16	63	2.90	56,603.50	10,475.00
San Diego	PM	15-S	S	Mission Bay Dr-Grand to 5 SB	22.89	R22.999	32.80	-117.21	59	3.26	55,999.40	6,565.00

## **Quarterly Mobility Statistics**







Congestion by Route												
		Veh	Vehicle Hours of Delay at 35 mph			rence 3-2021 Q3	Difference 2022 Q3-2022 Q2		Rank			
Route	County	2021 Q3	2022 Q2	2022 Q3	Absolute	Percentage	Absolute	Percentage	2021 Q3	2022 Q2	2022 Q3	
15	San Diego	1,007,485	715,914	663,970	-343,515	-34.1%	-51,944	-7.3%	1	1	1	
1805	San Diego	264,212	406,706	417,207	152,995	57.9%	10,500	2.6%	3	2	2	
I15	San Diego	361,559	251,342	298,128	-63,430	-17.5%	46,786	18.6%	2	4	3	
SR125	San Diego	132,494	253,504	287,756	155,262	117.2%	34,252	13.5%	5	3	4	
SR78	San Diego	180,423	175,603	176,472	-3,951	-2.2%	869	0.5%	4	5	5	
SR52	San Diego	55,488	65,062	156,416	100,928	181.9%	91,354	140.4%	7	8	6	
SR163	San Diego	35,528	80,809	84,520	48,992	137.9%	3,711	4.6%	8	6	7	
18	San Diego	71,720	74,372	83,090	11,370	15.9%	8,718	11.7%	6	7	8	
SR56	San Diego	22,464	36,978	42,975	20,511	91.3%	5,997	16.2%	10	9	9	
SR94	San Diego	23,050	27,321	36,074	13,024	56.5%	8,753	32.0%	9	10	10	
1905	San Diego	8,150	10,901	19,621	11,472	140.8%	8,720	80.0%	11	11	11	
SR54	San Diego	6,519	5,315	4,433	-2,086	-32.0%	-881	-16.6%	12	12	12	
SR76	San Diego	4,367	243	474	-3,894	-89.2%	231	94.9%	13	14	13	
SR67	San Diego	357	616	119	-239	-66.8%	-498	-80.7%	14	13	14	
SR11	San Diego	0	2	2	2		0	5.0%		15	15	
TOTALS		2,173,815	2,104,688	2,271,257	97,441	4.5%	166,568	7.9%				