Appendix 3C: Oregon Traffic Counting Management (OTMS) Program Count Report Guide

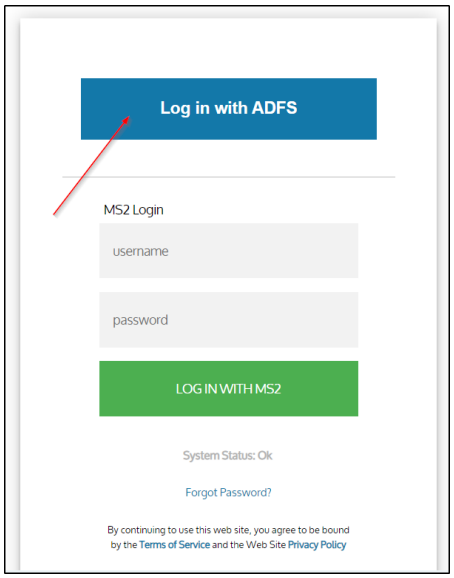
The ODOT Oregon Traffic Counting Management (OTMS) program contains many different count types and reports. This guide provides step-by-step instructions on how to obtain traffic count information from the OTMS program in the correct format for a few of the most common types of counts used by the typical analyst: intersection counts, Automatic Traffic Recorder (ATR)/Automatic Vehicle Classifier (AVC) sites, and straightaway volume and classification tube (machine) counts.

STOP

OTMS is unable to accept estimated values as previously created for Automatic Traffic Recorder (ATR). If Monthly Average Daily Traffic (MADT) = Monthly Average Day of Week Traffic (MAWDT), then the ATR month was estimated.

Accessing the OTMS website

The OTMS website (https://ordot.ms2soft.com/tdms.ui/OneLogin/Home?target=%2Ftcds) is a single point logon for ODOT employees. On the OTMS webpage, click the blue button labeled "Log in with ADFS".



Public access for consultants/non-ODOT users is located at ordot.public.ms2soft.com/ . One of the large differences with the public portal is that only fully accepted data is available. This means, for example, that partial year-to-date information would not be available. Reports and data views may be limited compared to the other way using login access.

Locating Straightaway Counts

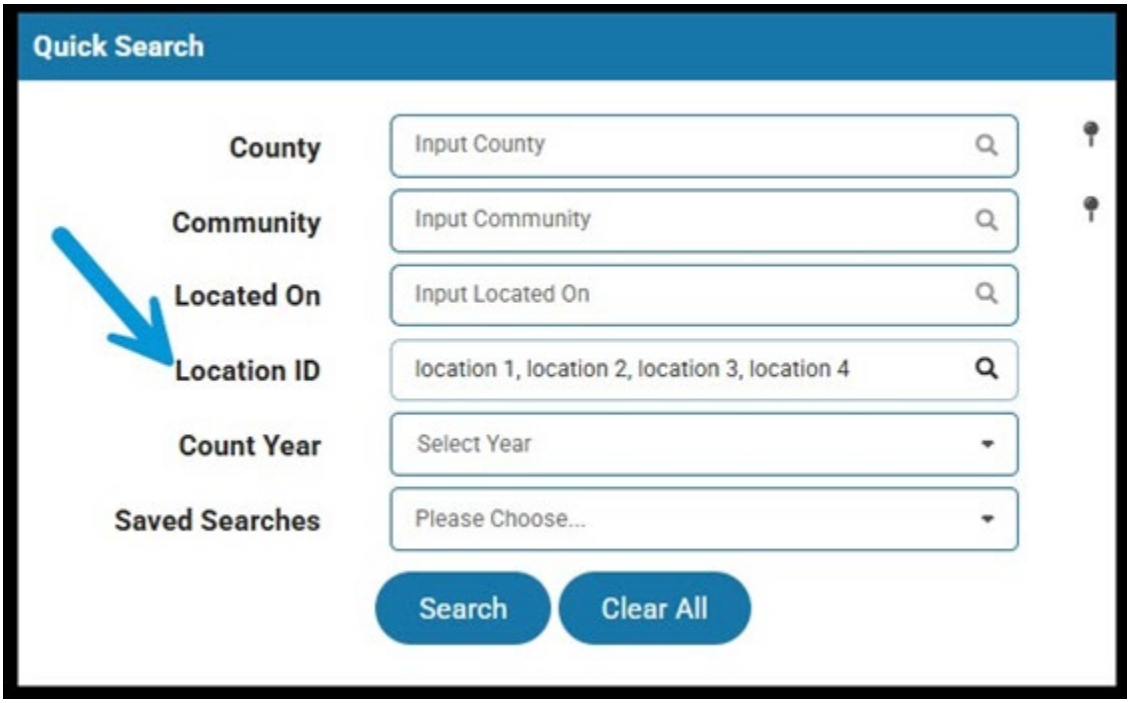
Each report type requires the user to find a count before generating the report. Once the OTMS website is accessed, it starts automatically on the straightaway count tab (Home). There are three (3) ways to search for counts; quick search, advanced search, and map search.

Quick Search

Quick Search allows for search by county, community (city), located on (road), location ID (e.g. Site ID), Count Year, or a saved search. The black pins to the right of the county or community boxes allow the user to zoom the map to that city or county.

> *Note: Make sure to select "Clear All" when you want to make a new search. The search engine keeps previous search attributes active until they are cleared.*

A new feature for quick searches allows for one to simply copy and paste a comma-separated list of location IDs directly into the "Location ID" Field.

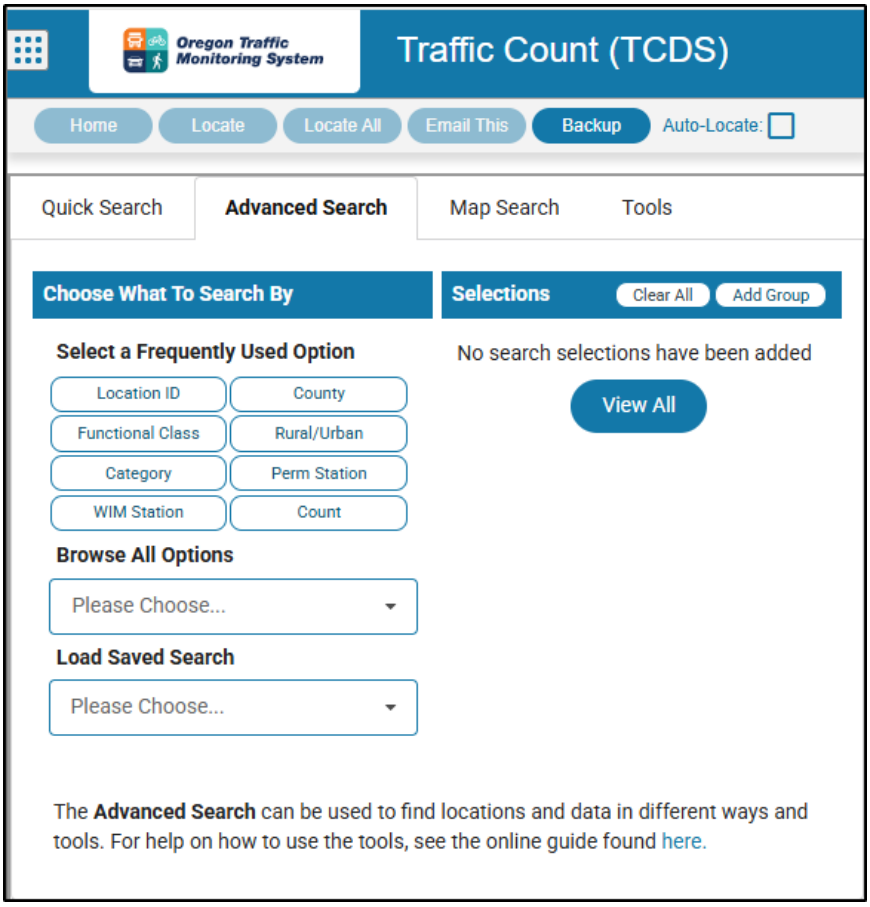


Advanced Search

Advanced Search has been recently updated to allow each in a more in-depth search such as by classification or volume only, permanent (ATR) station, LRS ID, or a count range. Multiple selections are easily viewed to narrow down your search criteria.

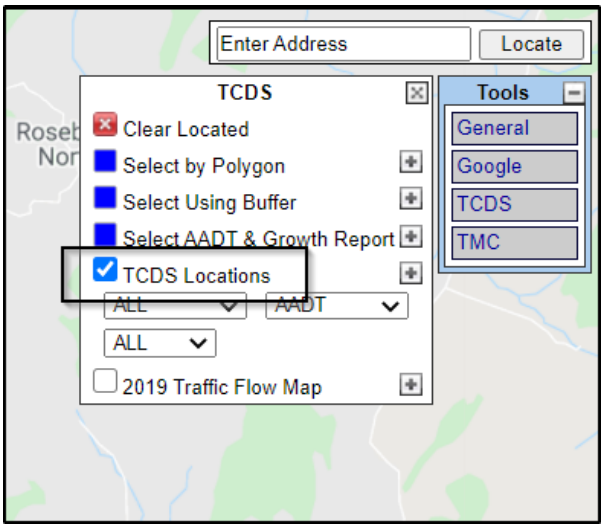
A new feature for Advanced Searches allows you to select "Location ID" option, chose "Included in List" from the operator dropdown, and enter the list of location in the "Values" field.

> *Note: Make sure to select "Clear All" when you want to make a new search. The search engine keeps previous search attributes active until they are cleared.*

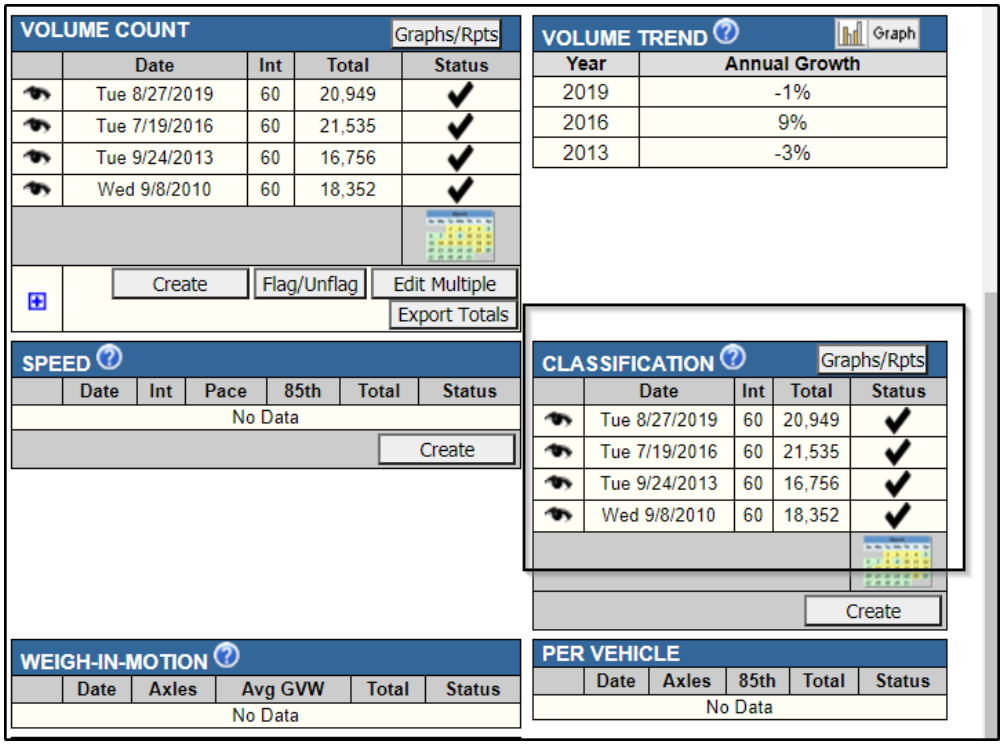


Map Search

Under the Tools dropdown menu, click TCDS, and then click the TCDS Locations toggle box to turn on all the count locations (TMC counts can also be turned on and searched). The map search tool also allows for selecting counts via polygon or by using a buffer.



If the count selected is a volume-only tube count and requires an axle factor to be applied, there will not be any counts located in the Classification Box.



If there is no data in the Classification box and only in the Volume Count box then the axle factor shown under the "AF Group" will need to be noted as a separate report that needs to be run on this count to obtain the necessary axle factor. This axle factor must be applied to the volume only count to produce vehicle counts.

Ad-Hoc Rpts | Graphs/Rpts

List View | All DIRs | Report Center | Save Search | Load Search | Build Search

Record 1 of 1 Goto Record go

Location ID	19809 Edit ID	MPO ID	
Type	SPOT	HPMS ID	
On NHS	No	On HPMS	Yes
LRS ID	3671	LRS Loc Pt.	0.25
SF Group	10004	Route Type	
AF Group	13138	Route	
GF Group	23006	Active	Yes
Class Dist Grp	13138	Category	
Seas Clss Grp	Statewide		
WIM Group			
QC Group	Default		
Fnct'l Class	Minor Arterial	Milepost	
Located On	NW Stewart Parkway		
Loc On Alias	3671		
NORTH OF	NW Stewart Park Drive [0.01 miles]		

More Detail

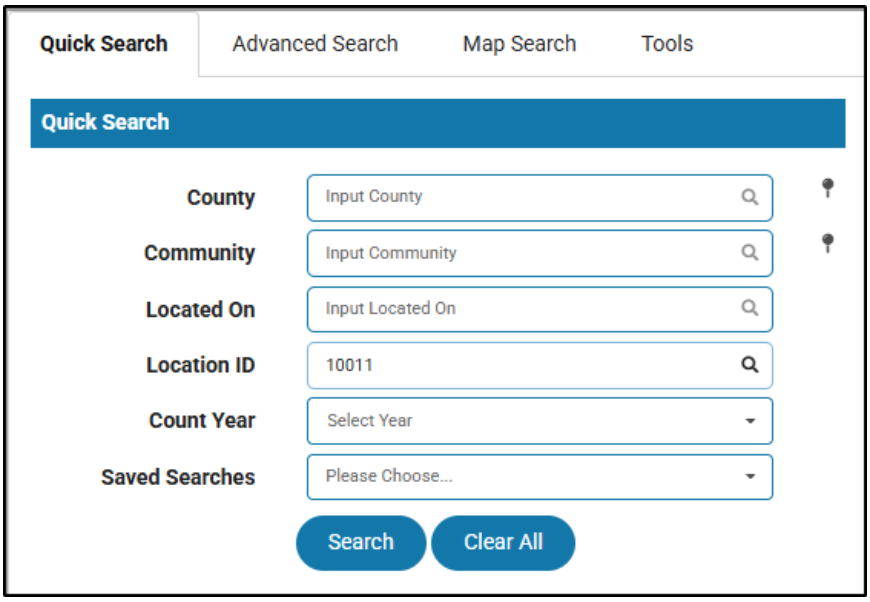
NB/SB | Create Direction

Straightaway Count Reports

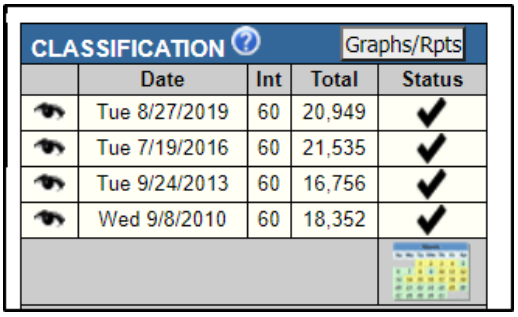
Straightaway Truck Summary

Once the site is selected (multiple sites from "List View"), click on Report Center. Report types are listed under categories (Station, Volume, Class, Length, etc.).

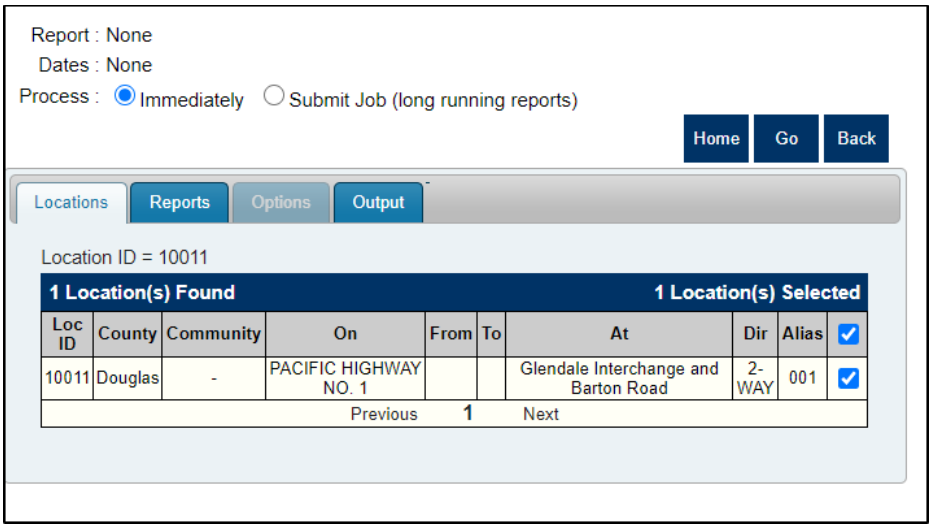
Select the appropriate count location.



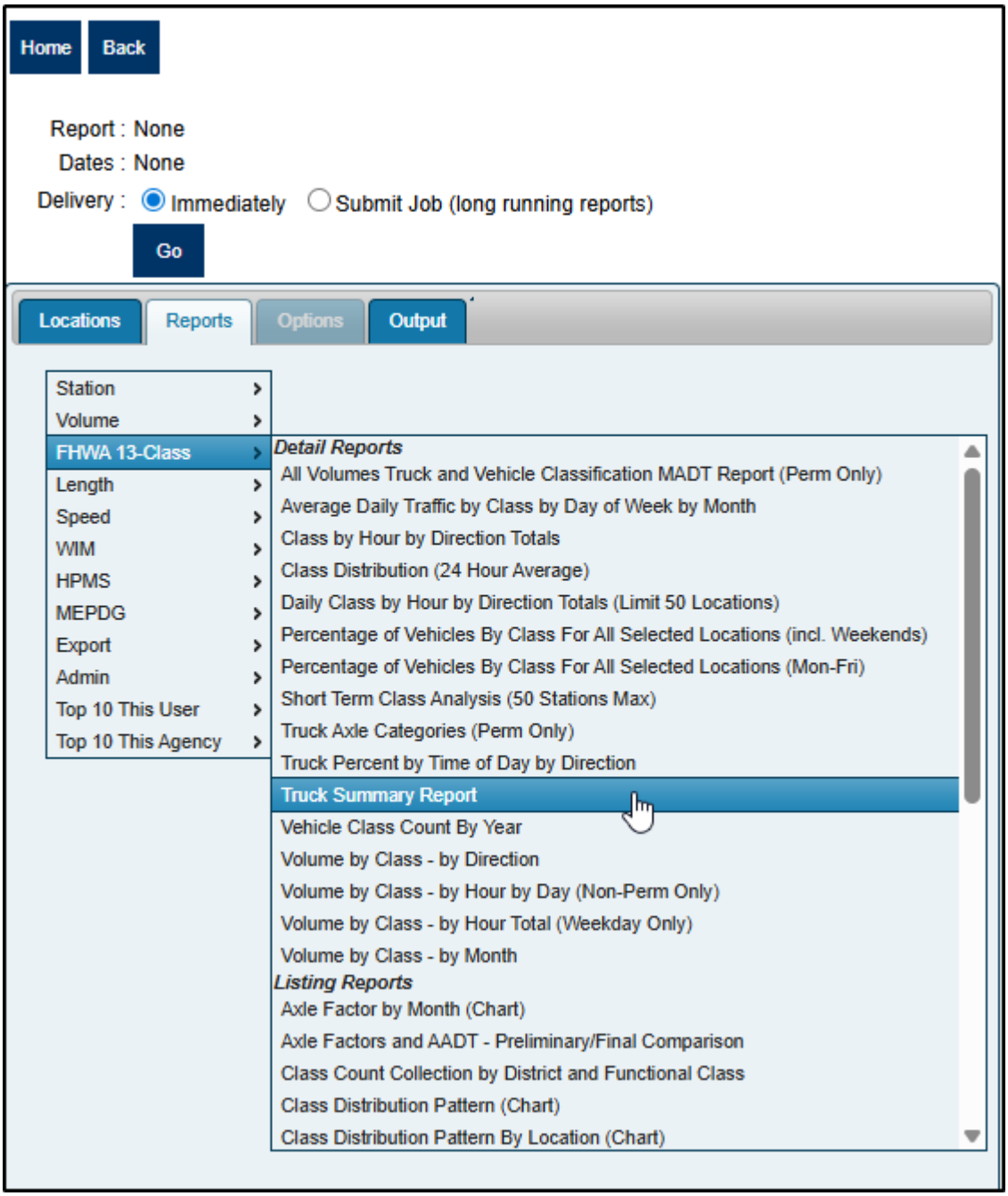
Remember the count year (e.g. 2019) and click "Report Center".



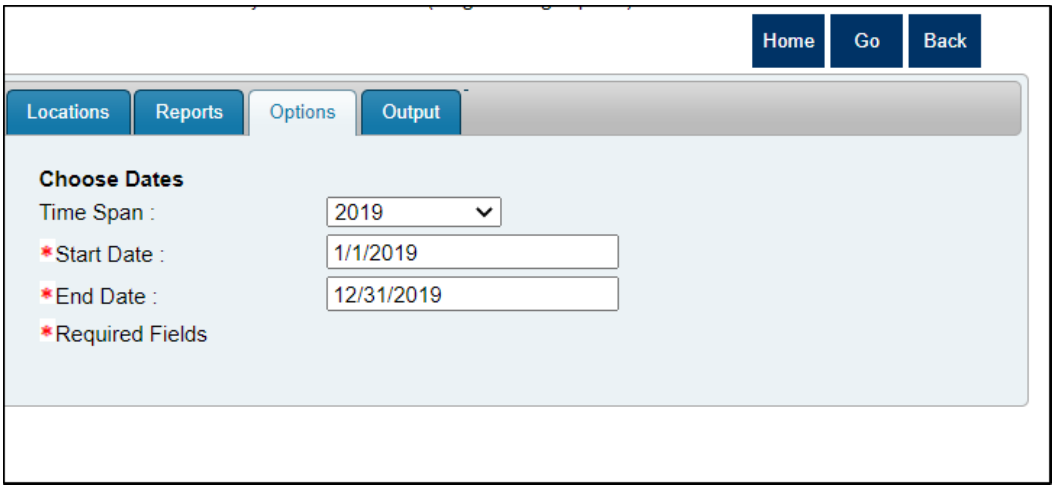
Click on the "Reports" button



Then click “FHWA 13-Class” → “Truck Summary Report”.



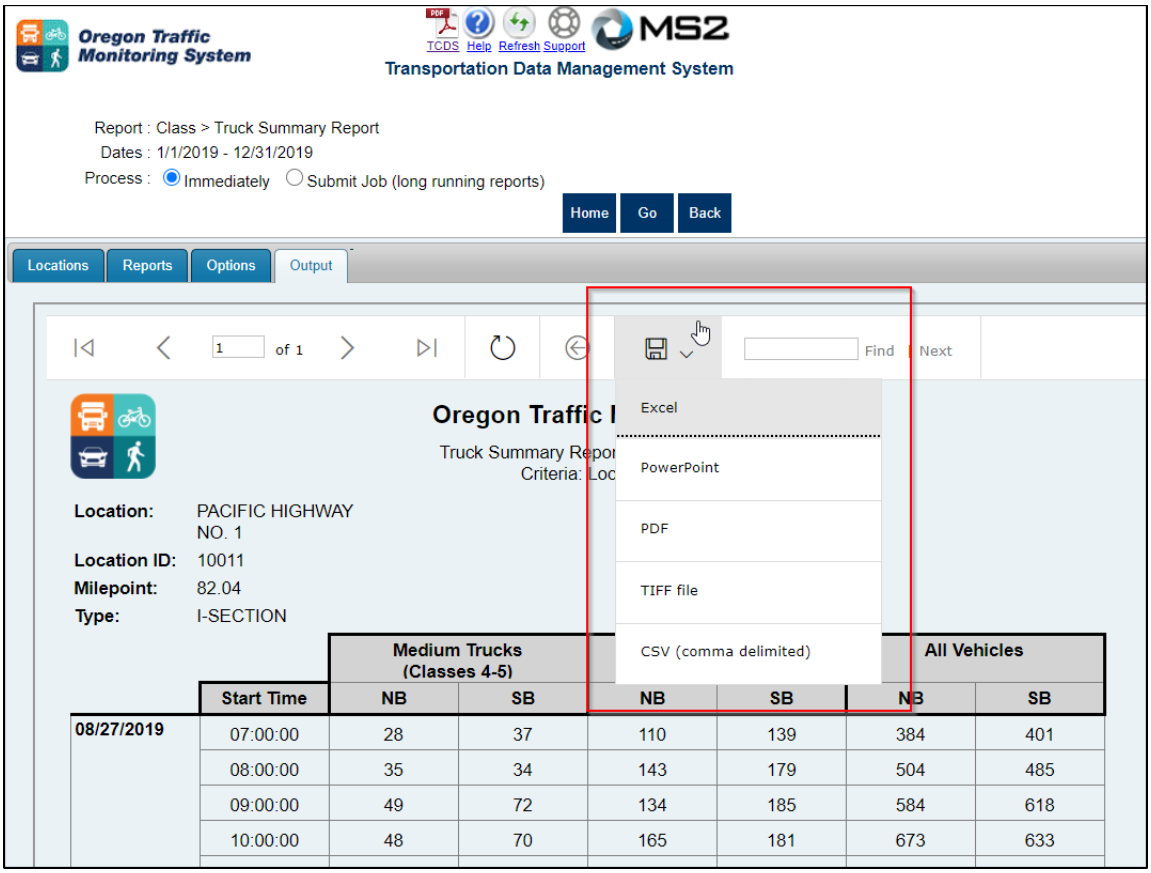
Once the sample report populates, click the “Options” tab. Select the appropriate year. If the year that is needed is not listed, you can type in the year. Click either the “Output” tab or the “Go” button to receive the report.



The updated Truck Summary report is ready to be downloaded. Click the save icon to access either an MS Excel, PowerPoint, PDF, TIFF, or CSV file. Files will be downloaded to the download folder on your hard drive.

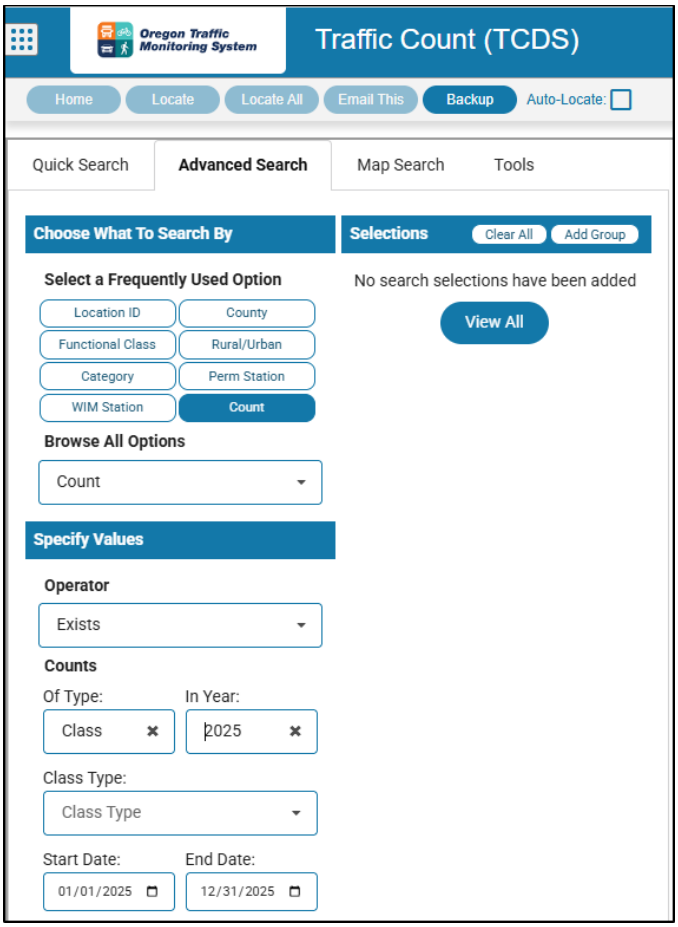
STOP

All Excel Reports exported out of MS2 have extreme merging, formatting, and column arrangements that can cause problems when performing calculations. CSV files are recommended.

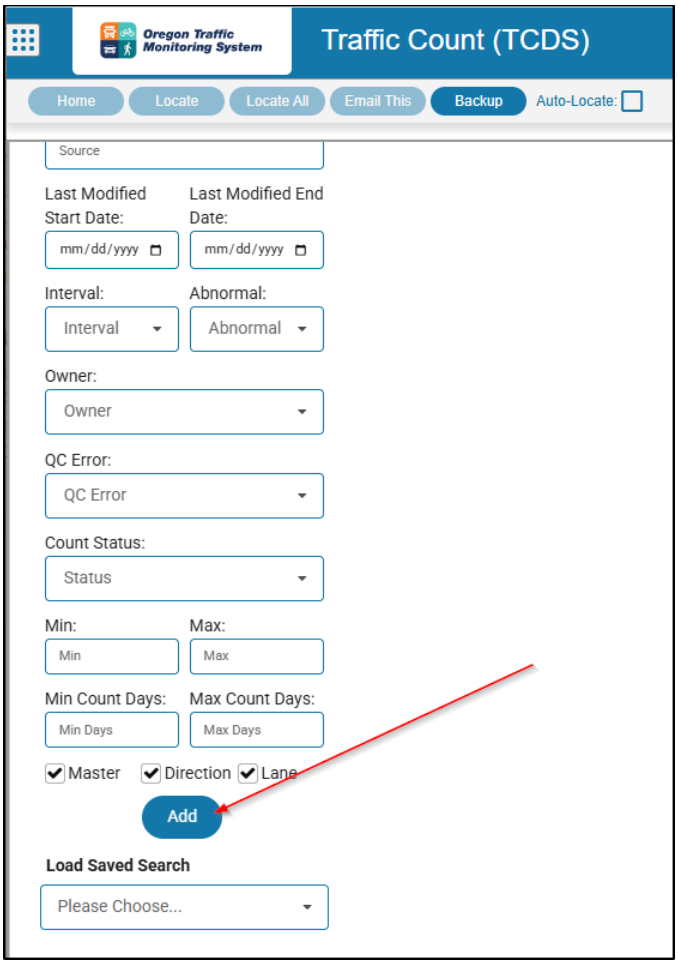


Single Count Classification Report

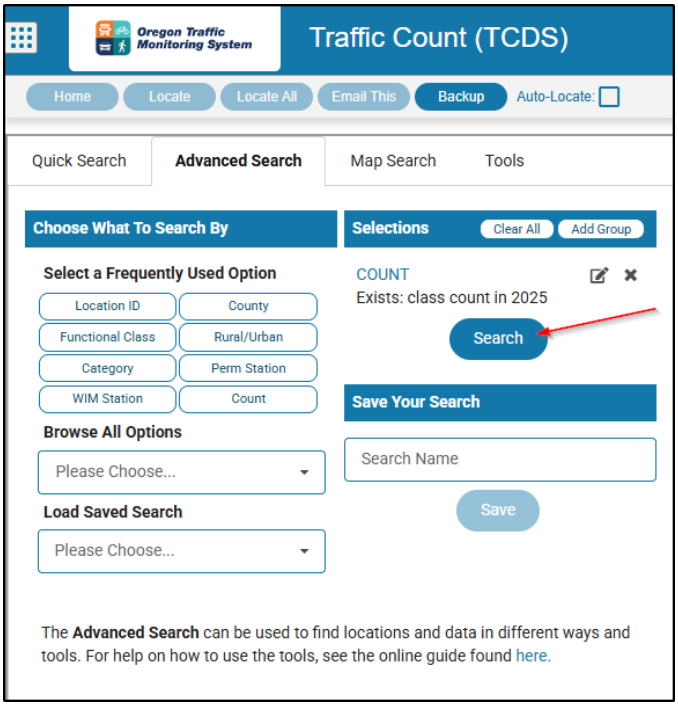
Unless the site number is known, go to Advanced Search and select “Count”. Counts “Of Type” will populate to allow one to choose “Volume, Class, Speed, WIM, or Gap” count. If a specific year is necessary or import range, those can be selected now, along with any other necessary attributes.



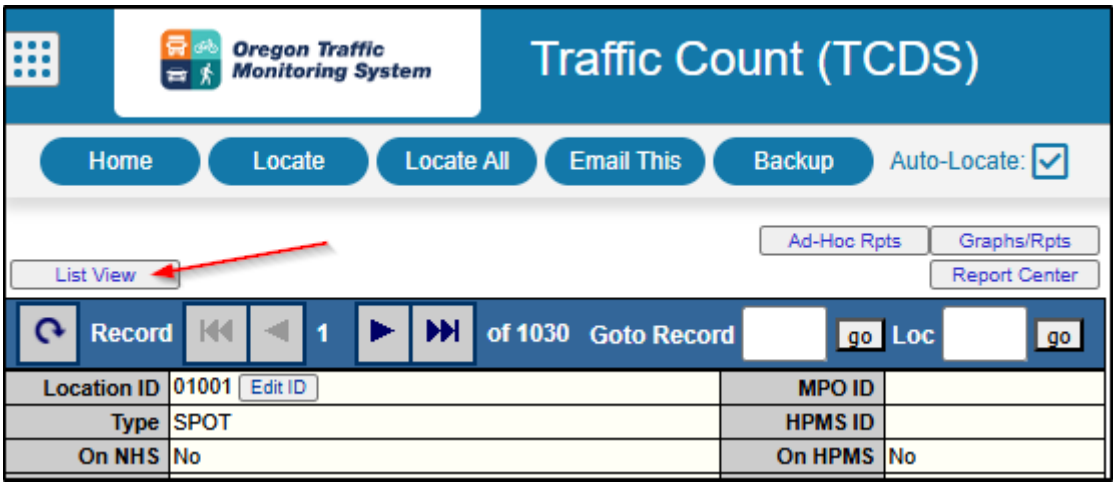
Once chosen, scroll down to the bottom of the screen and click “Add”.



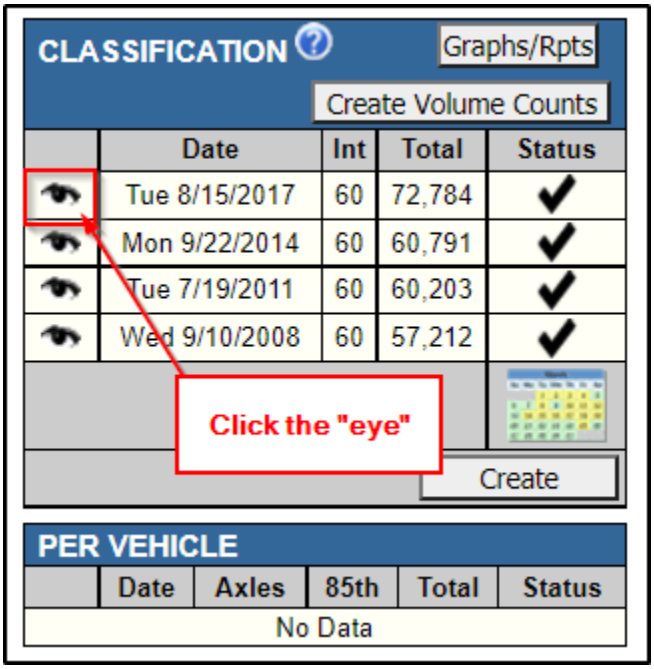
Once all search attributes are chosen, click Search.



If the list is too large, one can go back and update the search attributes or click “List View” to see a reduced attribute list view.



Once the site is chosen, scroll down and click the appropriate count date in the “Classification” section.


CLASSIFICATION
Graphs/Rpts
Create Volume Counts
Date
Int
Total
Status
Tue 8/15/2017
60
72,784
Mon 9/22/2014
60
60,791
Tue 7/19/2011
60
60,203
Wed 9/10/2008
60
57,212
Click the "eye"
Create
PER VEHICLE
Date
Axles
85th
Total
Status
No Data

Classification Report

Location ID	11054	Located On	South Fork Burnt River Road	County	Baker
Counted By	TCDS_Combined	WEST OF	Bull Run Road [0.54 miles]	Community	-
Start Date	Tue 9/29/2020	Loc On Alias	3162	Station	11054
Start Time	12:45:00 PM	Direction	2-WAY	Agency	ODOT
Source	Syst_Combine	Sensor Type		Owner	josh.luc
Axle Factor	0.787	Count Status	Accepted		
Import Type	ImportPvToBinCountImport.CLASS	Impo			
Filename	11054_200921_PV~3.csv				
Display Interval:	60 Min				

Drop down for 15 or 60 min breakdown

Directions: 2-WAY EB WB

Choose direction

Count Navigation: |<< < > >>| Count Type: CLASS

FHWA-Scheme F Classification

Start Time	Motor cycle	Car	Pick up	Bus	2A SU	3A SU	>3A SU	<5A 2U	5A 2U	>5A 2U	<6A >2U	6A >2U	>6A >2U			TOTAL
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
4:00 AM	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
5:00 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
6:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:00 AM	0	0	5	0	2	0	0	0	0	0	0	0	0	0	0	7
8:00 AM	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	6
9:00 AM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4
10:00 AM	0	1	3	0	0	0	0	1	0	0	0	0	0	0	0	5
11:00 AM	1	2	3	0	1	0	0	0	1	0	0	0	0	0	0	8
12:00 PM	1	1	10	0	1	0	0	0	3	0	0	0	0	0	0	16
1:00 PM	0	3	6	0	0	0	0	3	2	1	0	0	0	0	0	15
2:00 PM	0	1	5	0	0	0	0	0	1	1	0	0	0	0	0	8
3:00 PM	0	1	6	0	0	0	0	3	0	0	0	0	0	0	0	10
4:00 PM	0	1	4	0	1	0	0	0	0	0	0					
5:00 PM	0	3	0	0	2	0	0	0	0	0	0					
6:00 PM	0	0	5	0	1	0	0	0	0	0	0					
7:00 PM	0	0	4	0	1	0	0	0	0	0	0					
8:00 PM	0	2	1	0	0	0	0	0	0	0	0					
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	16	59	0	12	0	0	8	8	5	0	0	0	0	0	111

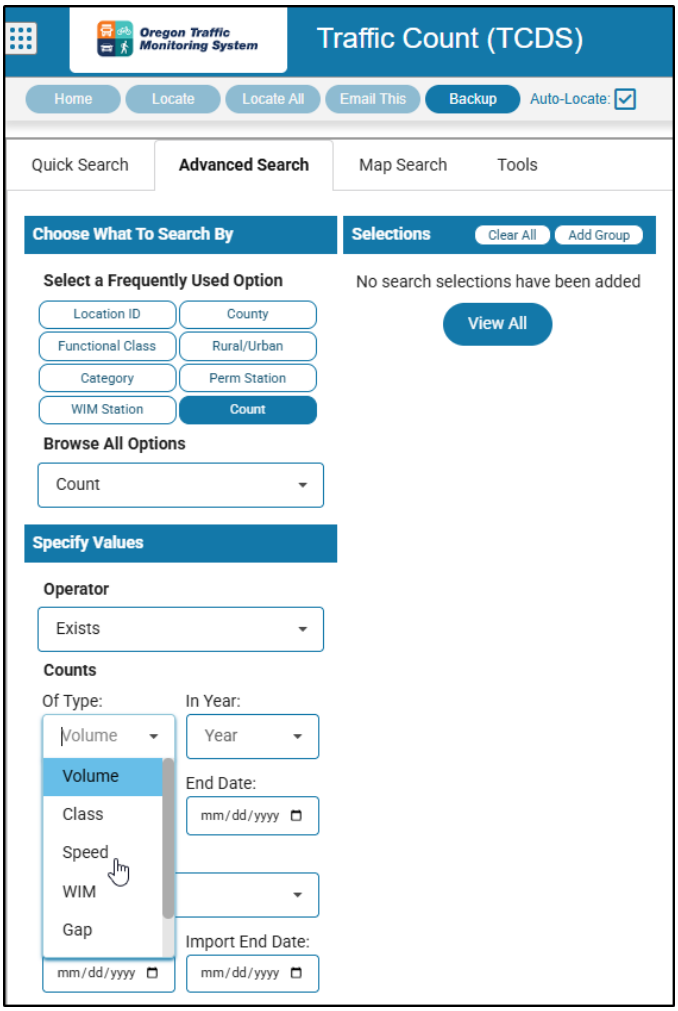
Choose export type here

Count Navigation: |<< < > >>|

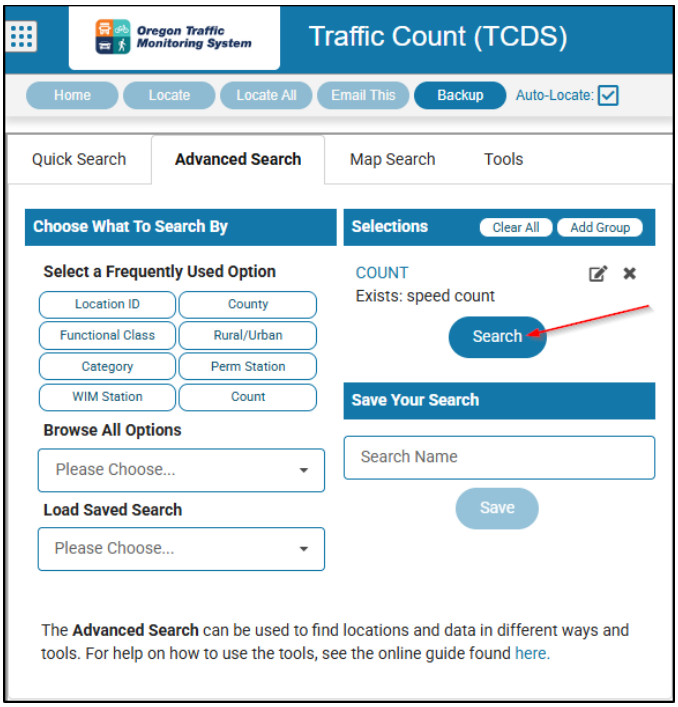
View Calendar | Bar Graph | Line Graph | View in Excel | Monthly Report | Weekly Class Report | Single Count Class Report

Speed Report

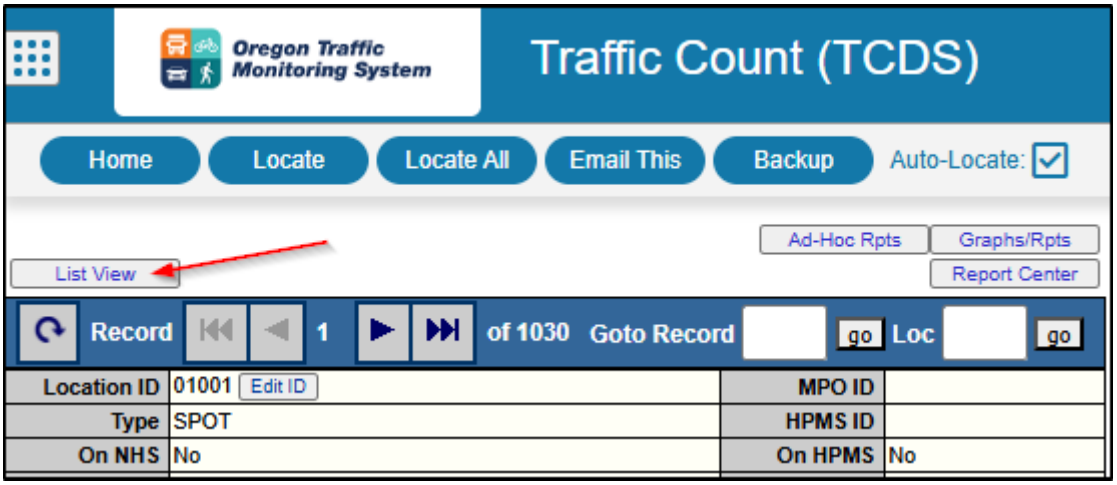
Unless the site number is known, go to Advanced Search, click on “Count” and select Speed sites that contain Speed data. Select any other attributes then scroll down and click add.



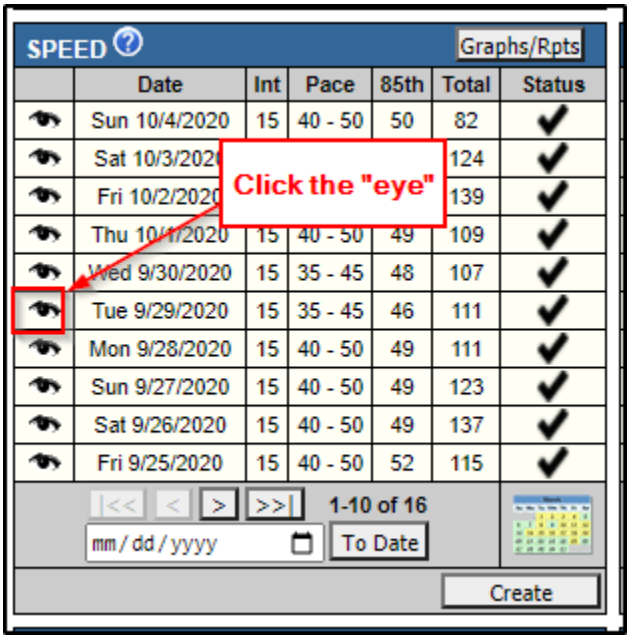
Once search attributes are selected, click “Search”.



If the list is too large, one can go back and update the search attributes or click "List View" to see a reduced attribute list view.



Scroll down and click the appropriate count date in the "Speed" section.


SPEED
Graphs/Rpts
Date
Int
Pace
85th
Total
Status
Sun 10/4/2020 15 40 - 50 50 82
Sat 10/3/2020 124
Fri 10/2/2020 139
Thu 10/1/2020 15 40 - 50 49 109
Wed 9/30/2020 15 35 - 45 48 107
Tue 9/29/2020 15 35 - 45 46 111
Mon 9/28/2020 15 40 - 50 49 111
Sun 9/27/2020 15 40 - 50 49 123
Sat 9/26/2020 15 40 - 50 49 137
Fri 9/25/2020 15 40 - 50 52 115
Click the "eye"
1-10 of 16
mm / dd / yyyy
To Date
Create

Speed Report

Location ID	11054	Located On	South Fork Burnt River Road	County	Bake
Counted By	TCDS_Combined	WEST OF	Bull Run Road [0.54 miles]	Community	-
Start Date	Tue 9/29/2020	Loc On Alias	3162	Station	1105
Start Time	12:45:00 PM	Direction	2-WAY	Agency	ODO
Source	Syst_Combine	Sensor Type		Owner	josh.
85%tile Speed	46			Pace Speed	35 -
Import Type	ImportPvToBinCountImport.SPEE		:01:01 PM		
Filename	11054_200921_PV~3.csv				
Display Interval:	60 Min				

Drop down for 15 min or 60 min breakdown

Directions: 2-WAY EB WB

Choose direction

Count Navigation: |<< < > >>| Count Type: SPEED

Speed Range (mph)

Start Time	0-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70+			TOTAL
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
4:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
5:00 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
6:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:00 AM	0	0	0	0	1	1	5	0	0	0	0	0	0	0	0	7
8:00 AM	0	0	0	0	3	0	1	2	0	0	0	0	0	0	0	6
9:00 AM	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	4
10:00 AM	0	0	0	0	0	2	1	2	0	0	0	0	0	0	0	5
11:00 AM	0	1	0	1	3	1	1	0	0	1	0	0	0	0	0	8
12:00 PM	0	0	1	0	5	5	2	3	0	0	0	0	0	0	0	16
1:00 PM	0	0	0	1	2	4	3	4	0	1	0	0	0	0	0	15
2:00 PM	0	0	0	0	1	3	3	0	1	0	0	0	0	0	0	8
3:00 PM	0	0	0	0	1	3	3	2	1	0	0	0	0	0	0	10
4:00 PM	0	0	1	0	0	1	2	2	0	0	0	0	0	0	0	6
5:00 PM	0	0	0	0	1	2	0	2	0	0	0	0	0	0	0	5
6:00 PM	0	0	0	0	0	1	2	3	0	0	0	0	0	0	0	6
7:00 PM	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	5
8:00 PM	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
9:00 PM	0	0	0	0	0	0	0	0	0					0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0					0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0					0	0	0
TOTAL	0	1	2	4	22	31	26	20	3					0	0	111

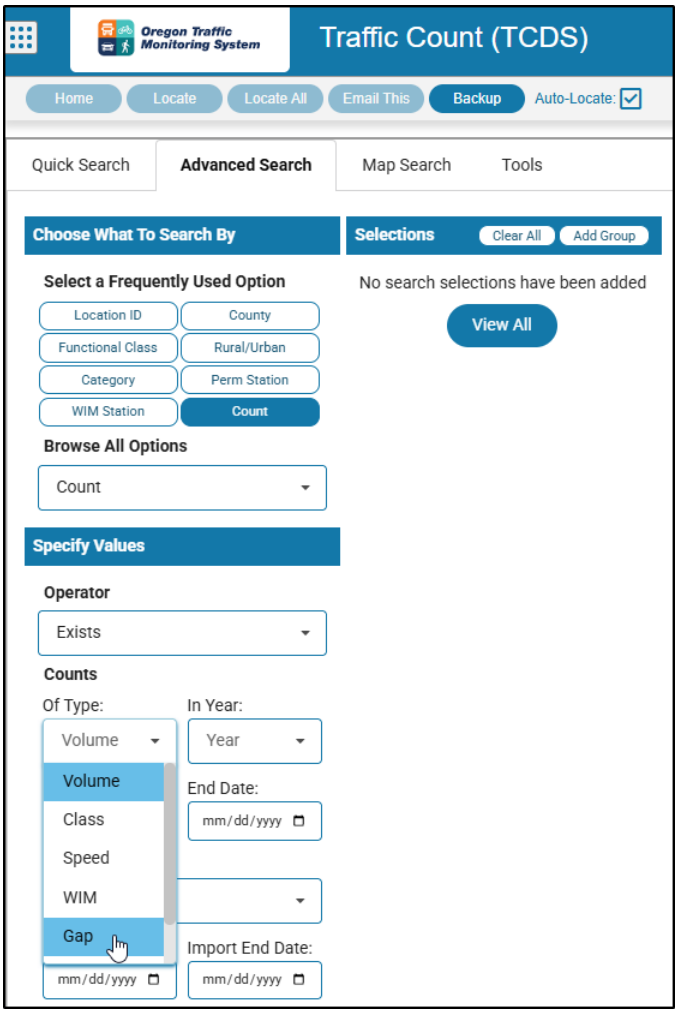
Drop down for 15 min or 60 min breakdown

Count Navigation: |<< < > >>|

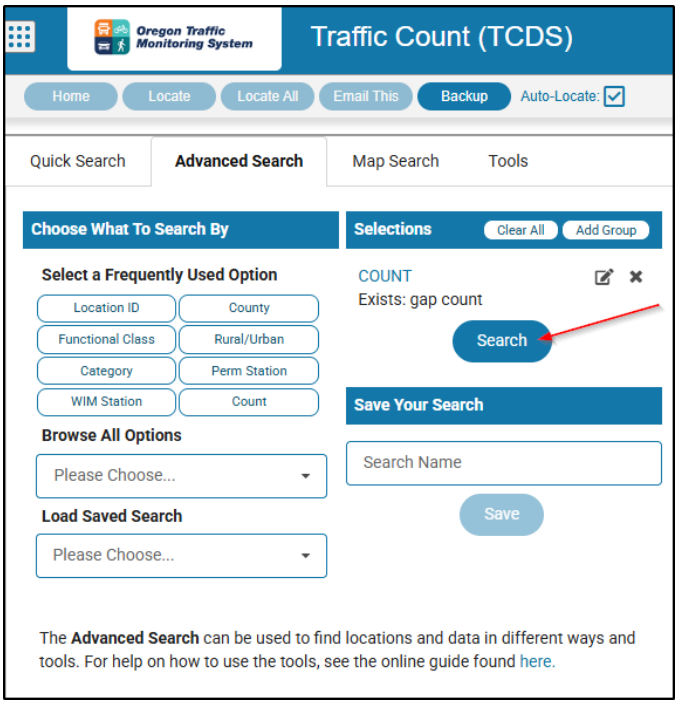
View Calendar | Bar Graph | Line Graph | View in Excel | Monthly Report | Short-Term Classification Report | Flag As Abnormal

Gap Report

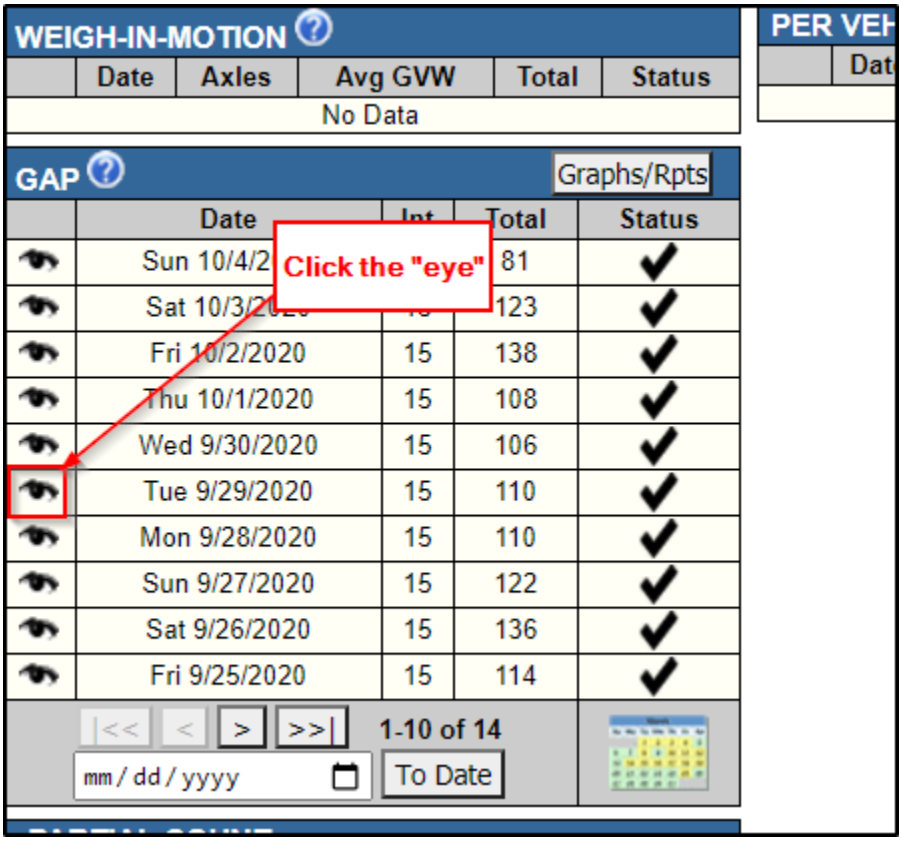
Unless the site number is known, go to Advanced Search, scroll down and select “Yes” for Filter by Gap to search for sites that contain Gap data.



Once all the attributes are selected, click “Search”.



Scroll down and click the appropriate count date in the "Gap" section.



Gap Report

Location ID	11054	Located On	South Fork Burnt River Road	County	Baker
Counted By		WEST OF	Bull Run Road [0.54 miles]	Community	-
Start Date	Tue 9/29/2020	Loc On Alias	3162	Station	11054
Start Time	12:45:00 PM	Direction	2-WAY	Agency	ODOT
Source	ImportPvToGapCount	Sensor Type		Owner	josh.lucas
		Count Status	Accepted		
Import Type	vias_per_vehicle	Importe	M		
Filename	11054_200921_PV~3.csv				
Display Interval:	60 Min				

Drop down for 15 min or 60 min breakdown

Directions: 2-WAY EB WB

Choose direction

Count Navigation: |<< < > >>| Count Type: GAP

Gap Range (sec)

Start Time	0-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26+			TOTAL
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	5	0	0	6
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8
12:00 PM	0	1	0	0	0	0	0	0	1	0	0	0	13	0	0	15
1:00 PM	0	0	0	1	0	0	0	0	0	1	0	0	13	0	0	15
2:00 PM	0	0	0	1	0	0	0	0	0	0	0	0	7	0	0	8
3:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	9	0	0	10
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	5
6:00 PM	0	0	0	0	0	0	0	0					6	0	0	6
7:00 PM	0	0	0	0	0	0	0	1					4	0	0	5
8:00 PM	0	0	0	0	0	0	0	0					3	0	0	3
9:00 PM	0	0	0	0	0	0	0	0					0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	2	0	2	0	0	0	1	1	1	1	0	100	0	0	110

Export multiple types

Count Navigation: |<< < > >>|

View Calendar | Bar Graph | Line Graph | View in Excel | Short-Term Classification Report | Flag As Abnormal | Edit Count

Volume by Hour by Day of Week (15-min)

Once the site is selected, go to reports and select “Volume” → “Volume by Hour by Day of Week (15-min)”. This report will export volumes by combined and separate directions or by lane.

Oregon Traffic Monitoring System

Volume by Hour by Day for 4/1/2019 - 4/30/2019
Criteria: Location ID = 01001

District : Region 5 **County :** Baker **Community :** **Collection Type :**
Roadbed : ML **Location :** LA GRANDE-BAKER HIG **Route :** 30
Location ID : 01001 **Lane Direction :** 2-WAY

	4/2019																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
12-1A	3	3	2	3	1	6	6	3	3	1	4	5	3	7	5	3	3	2	4	10	3	3	4	2	7	0	3	1	1	0	101
1-2A	1	1	0	1	2	0	7	3	0	1	0	1	1	1	4	0	1	0	0	0	1	3	3	1	0	0	0	1	2	1	36
2-3A	1	3	0	2	2	0	2	2	2	1	2	1	2	2	2	2	3	3	4	2	0	3	2	1	1	1	1	1	6	2	56
3-4A	4	3	4	7	6	2	0	4	6	4	4	4	0	0	2	2	1	3	3	2	1	2	4	6	2	5	0	0	4	6	91
4-5A	11	8	12	9	10	1	3	9	3	9	6	5	7	4	12	8	8	7	5	5	0	7	7	9	11	7	3	2	12	8	208
5-6A	19	19	20	18	14	4	1	19	26	22	24	12	5	5	18	20	26	21	9	8	3	28	17	18	16	21	5	1	21	25	465
6-7A	45	51	54	43	34	20	7	45	46	39	38	38	12	10	42	45	46	34	31	18	13	43	36	47	43	23	23	9	45	40	1,020
7-8A	60	76	67	75	44	31	10	64	68	77	69	48	42	12	65	74	80	78	54	26	22	79	92	81	77	58	34	9	81	81	1,734
8-9A	53	54	77	68	64	39	14	65	55	56	60	52	34	25	60	60	60	72	64	36	25	65	66	78	63	58	49	22	57	60	1,611
9-10A	40	59	51	60	58	46	28	44	37	40	32	64	45	33	42	66	60	56	64	49	34	60	50	49	51	66	55	37	50	56	1,482
10-11A	49	47	65	62	49	41	36	64	52	40	70	65	42	37	49	59	61	54	68	55	48	61	64	46	53	65	54	54	65	73	1,648
11-12A	58	51	55	85	62	57	60	49	54	46	46	66	61	54	57	52	44	60	65	63	74	46	54	54	51	70	59	56	50	50	1,709
12-1P	44	54	65	78	64	40	53	62	51	47	49	65	58	61	63	52	62	55	73	61	69	68	62	57	54	69	54	49	64	60	1,763
1-2P	58	58	71	71	72	46	48	52	54	66	47	58	48	42	56	65	63	69	76	68	71	63	80	48	74	67	65	42	83	60	1,841
2-3P	62	64	71	61	58	52	38	68	46	58	61	72	62	63	64	72	70	70	73	82	75	65	65	67	73	71	52	54	79	72	1,940
3-4P	79	70	74	64	62	67	46	78	73	73	83	67	81	49	81	68	83	73	56	86	61	71	67	85	77	76	49	46	62	73	2,080
4-5P	87	86	79	78	73	37	52	75	80	71	77	68	56	52	80	89	87	95	91	54	78	83	110	86	99	100	55	49	88	77	2,292
5-6P	68	70	68	106	90	51	36	76	67	66	77	73	56	45	77	70	99	101	77	77	57	81	84	68	77	80	62	59	77	53	2,148
6-7P	39	47	44	64	57	27	37	48	38	35	48	54	43	27	38	38	47	56	72	71	68	48	41	56	63	47	50	31	44	49	1,427
7-8P	21	25	31	39	35	32	28	26	21	33	31	48	32	25	24	42	39	45	46	27	34	39	42	24	27	41	41	45	21	33	997
8-9P	18	20	18	29	26	16	17	26	16	18	14	24	24	17	16	17	31	39	27	29	29	26	17	23	41	38	31	13	8	21	689
9-10P	13	10	12	25	14	22	9	9	14	12	21	18	15	15	7	21	13	15	18	10	15	10	14	13	30	18	15	10	8	10	436
10-11P	3	9	9	11	9	10	6	4	4	4	11	14	9	8	9	7	7	10	21	10	5	8	5	14	6	14	18	6	8	6	265
11-12P	7	2	5	3	8	6	2	2	4	1	3	7	6	4	3	2	4	4	5	4	4	1	2	4	2	5	7	4	4	5	120
Total:	843	890	954	1062	914	653	546	897	820	820	877	929	744	598	876	934	998	1022	1006	853	790	963	988	937	998	1000	785	601	940	921	26,159

Volume by Hour by Week

Once the site is selected, go to reports and select “Volume” → “Volume by Hour Week”. This report will export combined and directional volumes. This report will only export one week at a time.

Oregon Traffic Monitoring System

Volume By Hour By Week for 4/1/2019 - 4/7/2019
Criteria: Location ID = 01001

District : Region 5 **Location ID :** 01001 **County :** Baker **Factor Group :** RurColl
Located On LA GRANDE-BAKER HIGHWAY NO. 66 **Functional Class** Major Collector **Area Type :** Rural

YEA	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
AADT	881	838	880	911	823	759	738	779	723	758	778	837	786	804	802	843	860	851	833	819

Start	Monday	Tuesday	Wednesda	Thursday	Friday	Saturday	Sunday	Avg	Avg Volume Graph	Pct. of Total
	4/1/2019	4/2/2019	4/3/2019	4/4/2019	4/5/2019	4/6/2019	4/7/2019			
12:00 AM	3	3	2	3	1	6	6	3		0.4%
1:00 AM	1	1	0	1	2	0	7	2		0.2%
2:00 AM	1	3	0	2	2	0	2	1		0.2%
3:00 AM	4	3	4	7	6	2	0	4		0.4%
4:00 AM	11	8	12	9	10	1	3	8		0.9%
5:00 AM	19	19	20	18	14	4	1	14		1.6%
6:00 AM	45	51	54	43	34	20	7	36		4.3%
7:00 AM	60	76	67	75	44	31	10	52		6.2%
8:00 AM	53	54	77	68	64	39	14	53		6.3%
9:00 AM	40	59	51	60	58	46	28	49		5.8%
10:00 AM	49	47	65	62	49	41	36	50		6.0%
11:00 AM	58	51	55	85	62	57	60	61		7.3%
12:00 PM	44	54	65	78	64	40	53	57		6.8%
1:00 PM	58	58	71	71	72	46	48	61		7.2%
2:00 PM	62	64	71	61	58	52	38	58		6.9%
3:00 PM	79	70	74	64	62	67	46	66		7.9%
4:00 PM	87	86	79	78	73	37	52	70		8.4%
5:00 PM	68	70	68	106	90	51	36	70		8.3%
6:00 PM	39	47	44	64	57	27	37	45		5.4%
7:00 PM	21	25	31	39	35	32	28	30		3.6%
8:00 PM	18	20	18	29	26	16	17	21		2.5%
9:00 PM	13	10	12	25	14	22	9	15		1.8%
10:00 PM	3	9	9	11	9	10	6	8		1.0%
11:00 PM	7	2	5	3	8	6	2	5		0.6%
Total	843	890	954	1062	914	653	546	Avg		
AM Pk	7:00 AM	7:00 AM	8:00 AM	11:00 AM	8:00 AM	11:00 AM	11:00 AM			
AM Peak	60	76	77	85	64	57	60	68		
PM Pk	4:00 PM	4:00 PM	4:00 PM	5:00 PM	5:00 PM	3:00 PM	12:00 PM			
PM Peak	87	86	79	106	90	67	53	81		
Peak %	10.32%	9.66%	8.28%	9.98%	9.85%	10.26%	10.99%	9.91%		

Count Start:	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
Start	4/1/2019	4/2/2019	4/3/2019	4/4/2019	4/5/2019	4/6/2019	4/7/2019
End	4/2/2019	4/3/2019	4/4/2019	4/5/2019	4/6/2019	4/7/2019	4/8/2019
24h Total	843	890	954	1062	914	653	546

Volume by Hour by Day for Month

Once the site is selected, go to reports and select "Volume" → "Volume by Hour by Day for Month". This report will export volumes combined or separately by direction or by lane.

Oregon Traffic Monitoring System

Volume by Hour by Day for 4/1/2019 - 4/30/2019
Criteria: Location ID = 01001

District : Region 5 **County :** Baker **Community :** **Collection Type :**
Roadbed : ML **Location :** LA GRANDE-BAKER HIG **Route :** 30
Location ID : 01001 **Lane Direction :** 2-WAY

4/2019																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
12-1A	3	3	2	3	1	6	6	3	3	1	4	5	3	7	5	3	3	2	4	10	3	3	4	2	7	0	3	1	1	0	101
1-2A	1	1	0	1	2	0	7	3	0	1	0	1	1	1	4	0	1	0	0	0	1	3	3	1	0	0	0	1	2	1	36
2-3A	1	3	0	2	2	0	2	2	2	1	2	1	2	2	2	2	3	3	4	2	0	3	2	1	1	1	1	1	6	2	56
3-4A	4	3	4	7	6	2	0	4	6	4	4	4	0	0	2	2	1	3	3	2	1	2	4	6	2	5	0	0	4	6	91
4-5A	11	8	12	9	10	1	3	9	3	9	6	5	7	4	12	8	8	7	5	5	0	7	7	9	11	7	3	2	12	8	208
5-6A	19	19	20	18	14	4	1	19	26	22	24	12	5	5	18	20	26	21	9	8	3	28	17	18	16	21	5	1	21	25	465
6-7A	45	51	54	43	34	20	7	45	46	39	38	38	12	10	42	45	46	34	31	18	13	43	36	47	43	23	23	9	45	40	1,020
7-8A	60	76	67	75	44	31	10	64	68	77	69	48	42	12	65	74	80	78	54	26	22	79	92	81	77	58	34	9	81	81	1,734
8-9A	53	54	77	68	64	39	14	65	55	56	60	52	34	25	60	60	60	72	64	36	25	65	66	78	63	58	49	22	57	60	1,611
9-10A	40	59	51	60	58	46	28	44	37	40	32	64	45	33	42	66	60	56	64	49	34	60	50	49	51	66	55	37	50	56	1,482
10-11A	49	47	65	62	49	41	36	64	52	40	70	65	42	37	49	59	61	54	68	55	48	61	64	46	53	65	54	54	65	73	1,648
11-12A	58	51	55	85	62	57	60	49	54	46	46	66	61	54	57	52	44	60	65	63	74	46	54	54	51	70	59	56	50	50	1,709
12-1P	44	54	65	78	64	40	53	62	51	47	49	65	58	61	63	52	62	55	73	61	69	68	62	57	54	69	54	49	64	60	1,763
1-2P	58	58	71	71	72	46	48	52	54	66	47	58	48	42	56	65	63	69	76	68	71	63	80	48	74	67	65	42	83	60	1,841
2-3P	62	64	71	61	58	52	38	68	46	58	61	72	62	63	64	72	70	70	73	82	75	65	65	67	73	71	52	54	79	72	1,940
3-4P	79	70	74	64	62	67	46	78	73	73	83	67	81	49	81	68	83	73	56	86	61	71	67	85	77	76	49	46	62	73	2,080
4-5P	87	86	79	78	73	37	52	75	80	71	77	68	56	52	80	89	87	95	91	54	78	83	110	86	99	100	55	49	88	77	2,292
5-6P	68	70	68	106	90	51	36	76	67	66	77	73	56	45	77	70	99	101	77	77	57	81	84	68	77	80	62	59	77	53	2,148
6-7P	39	47	44	64	57	27	37	48	38	35	48	54	43	27	38	38	47	56	72	71	68	48	41	56	63	47	50	31	44	49	1,427
7-8P	21	25	31	39	35	32	28	26	21	33	31	48	32	25	24	42	39	45	46	27	34	39	42	24	27	41	41	45	21	33	997
8-9P	18	20	18	29	26	16	17	26	16	18	14	24	24	17	16	17	31	39	27	29	29	26	17	23	41	38	31	13	8	21	689
9-10P	13	10	12	25	14	22	9	9	14	12	21	18	15	15	7	21	13	15	18	10	15	10	14	13	30	18	15	10	8	10	436
10-11P	3	9	9	11	9	10	6	4	4	4	11	14	9	8	9	7	7	10	21	10	5	8	5	14	6	14	18	6	8	6	265
11-12P	7	2	5	3	8	6	2	2	4	1	3	7	6	4	3	2	4	4	5	4	4	1	2	4	2	5	7	4	4	5	120
Total:	843	890	954	1062	914	653	546	897	820	820	877	929	744	598	876	934	998	1022	1006	853	790	963	988	937	998	1000	785	601	940	921	26,159

Volume by Class by Direction Report

Once the site is selected, go to reports and select "Class" → "Volume by Class - by Direction". This report will export a summary of the class by direction.

Oregon Traffic Monitoring System

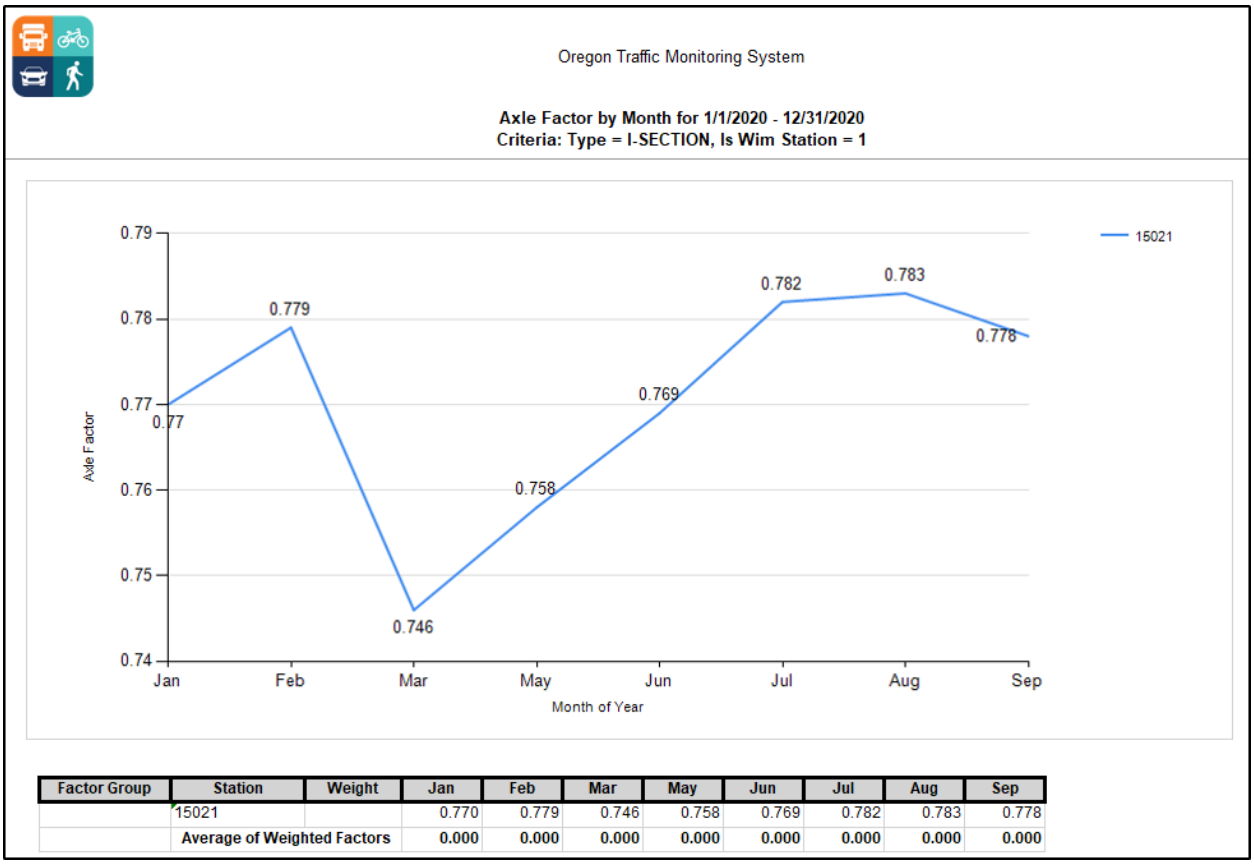
Volume by Class - by Direction for 1/1/2017 - 12/31/2017
Criteria: Location ID = 10029

District: Region 2 **Station:** 10029 **Route:** 5
County: Linn **City:** Albany **ADT:** 72,784 **Located On:** PACIFIC HIGHWAY NO. 1
At Road: Albany-JunctiCity Highway No. 58 (OR99E) [0.41 mile] {North Albany ATR,

RB	Coll Type	Dir		MCycle	Car	Pickup	Bus	SU 2A-6T	SU 3 Axle	SU 4+ Axle	STT 3-4 Axle	STT 5 Axle	STT 6+ Axle	MTT 5 Axle	MTT 6 Axle	MTT 7+ Axles	UC	Total
ML		SB	#	163	20,704	8,754	59	1,172	224	20	46	3,778	513	4	70	570	0	36,077
			%	0.5	57.4	24.3	0.2	3.2	0.6	0.1	0.1	10.5	1.4	0.0	0.2	1.6	0.0	100.0
ML		NB	#	177	21,314	8,237	63	1,134	240	33	35	4,219	579	8	76	592	0	36,707
			%	0.5	58.1	22.4	0.2	3.1	0.7	0.1	0.1	11.5	1.6	0.0	0.2	1.6	0.0	100.0
	Total		#	**340**	**42,018**	**16,991**	**122**	**2,306**	**464**	**53**	**81**	**7,997**	**1,092**	**12**	**146**	**1,162**	**0**	**72,784**
	Percent		%	**0.5**	**57.7**	**23.3**	**0.2**	**3.2**	**0.6**	**0.1**	**0.1**	**11.0**	**1.5**	**0.0**	**0.2**	**1.6**	**0.0**	**100.0**

Axle Factor Monthly Chart Report

Once the site is selected, go to reports and select "Class" → "Axle Factor by Month (Chart)". This report will export a chart showing the monthly axle factors.



Factor Group	Station	Weight	Jan	Feb	Mar	May	Jun	Jul	Aug	Sep
	15021		0.770	0.779	0.746	0.758	0.769	0.782	0.783	0.778
	Average of Weighted Factors		**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**

Ranked Hour Report

ODOT has created a Ranked Hour report from archived ATR data that includes all hours of the year plus d_{factor} (with direction) and k_{factor} to address limitations in the available OTMS/MS2 reports shown below. This new report is only available directly to ODOT staff, otherwise please contact the TSM unit with a request for the ATR archived Ranked Hour report.

Yearly Peak Hourly Volume

Once the site is selected, go to reports and select "Volume" → "Yearly Peak Hourly Volume". This report does not give you values between the 28th and 32nd hour to be able to average for the 30th highest hour.

Oregon Traffic Monitoring System

Yearly Peak Hourly Volume for 1/1/2019 - 12/31/2019
Criteria: Location ID = 01001

District: Region 5 **Station:** 01001 **Route:** 30
County: Baker **Roadbed** ML **Located On:** LA GRANDE-BAKER HIGHWAY NO. 66

		Highest Hour		10Th		20Th		DHV 30Th		50Th		100Th	
YEAR	AADT	Volume	%	Volume	%	Volume	%	Volume	%	Volume	%	Volume	%
2019	819	319	38.95 %	121	14.77 %	105	12.82 %	100	12.21 %	96	11.72 %	90	10.99 %

Generated 4/16/2021 **Page 1 of 1**

Top 100 High Hourly Volume by Year

Once the site is selected, go to reports and select "Volume" → "Top 100 High Hourly Volume by Year". This report does not show which direction the %Peak Dir (Direction) corresponds to.

Oregon Traffic Monitoring System

Top 100 High Hourly Volume By Year for 1/1/2019 - 12/31/2019
Criteria: Location ID = 01001

District : Region 5 **Location ID :** 01001 **Direction :** 2-WAY **Roadbed :** ML **Route :** 30
County : Baker **Located On :** LA GRANDE-BAKER HIGHWAY NO. 66 **At Road :** UnionBaker County Line [4.84 miles]

#	Date	DoW	Hour	Value	% AADT	%Peak Dir
1	5/24/2019	Fri	8pm-9pm	319	38.95	94.00
2	6/12/2019	Wed	5pm-6pm	269	32.84	87.00
3	5/24/2019	Fri	9pm-10pm	212	25.89	94.00
4	5/24/2019	Fri	7pm-8pm	153	18.68	84.00
5	7/4/2019	Thu	9am-10am	153	18.68	88.00
6	7/4/2019	Thu	11am-12pm	143	17.46	74.00
7	7/4/2019	Thu	12pm-1pm	133	16.24	59.00
8	7/3/2019	Wed	5pm-6pm	127	15.51	75.00
9	6/1/2019	Sat	1pm-2pm	121	14.77	65.00
10	11/18/2019	Mon	11am-12pm	121	14.77	71.00
11	7/3/2019	Wed	1pm-2pm	116	14.16	53.00
12	5/30/2019	Thu	4pm-5pm	112	13.68	57.00
13	6/12/2019	Wed	4pm-5pm	111	13.55	59.00
14	4/23/2019	Tue	4pm-5pm	110	13.43	55.00
15	5/14/2019	Tue	4pm-5pm	108	13.19	63.00
16	7/4/2019	Thu	10pm-11pm	107	13.06	96.00
17	10/4/2019	Fri	4pm-5pm	107	13.06	62.00
18	4/4/2019	Thu	5pm-6pm	106	12.94	65.00
19	11/6/2019	Wed	4pm-5pm	106	12.94	60.00
20	7/4/2019	Thu	1pm-2pm	105	12.82	68.00
21	7/4/2019	Thu	6pm-7pm	105	12.82	74.00
22	5/9/2019	Thu	4pm-5pm	104	12.70	62.00
23	2/25/2019	Mon	4pm-5pm	103	12.58	77.00
24	5/23/2019	Thu	3pm-4pm	103	12.58	50.00
25	8/3/2019	Sat	8pm-9pm	103	12.58	78.00
26	5/14/2019	Tue	3pm-4pm	102	12.45	60.00
27	9/19/2019	Thu	4pm-5pm	102	12.45	62.00
28	4/18/2019	Thu	5pm-6pm	101	12.33	59.00
29	9/12/2019	Thu	4pm-5pm	101	12.33	65.00
30	4/26/2019	Fri	4pm-5pm	100	12.21	53.00
31	7/3/2019	Wed	4pm-5pm	100	12.21	63.00
32	8/26/2019	Mon	4pm-5pm	100	12.21	53.00
33	9/23/2019	Mon	4pm-5pm	100	12.21	62.00
34	10/16/2019	Wed	7am-8am	100	12.21	61.00
35	10/28/2019	Mon	5pm-6pm	100	12.21	58.00
36	4/17/2019	Wed	5pm-6pm	99	12.09	55.00
37	4/25/2019	Thu	4pm-5pm	99	12.09	59.00
38	7/12/2019	Fri	4pm-5pm	99	12.09	57.00
39	8/14/2019	Wed	5pm-6pm	99	12.09	60.00
40	11/13/2019	Wed	3pm-4pm	99	12.09	55.00
41	6/1/2019	Sat	3pm-4pm	98	11.97	76.00
42	10/11/2019	Fri	4pm-5pm	98	11.97	58.00
43	5/7/2019	Tue	4pm-5pm	97	11.84	64.00
44	9/26/2019	Thu	3pm-4pm	97	11.84	53.00
45	10/31/2019	Thu	3pm-4pm	97	11.84	63.00
46	11/7/2019	Thu	4pm-5pm	97	11.84	70.00
47	3/20/2019	Wed	3pm-4pm	96	11.72	55.00
48	5/23/2019	Thu	7am-8am	96	11.72	57.00
49	9/5/2019	Thu	4pm-5pm	96	11.72	68.00
50	10/15/2019	Tue	4pm-5pm	96	11.72	57.00
51	11/1/2019	Fri	4pm-5pm	96	11.72	56.00
52	3/19/2019	Tue	3pm-4pm	95	11.60	56.00
53	4/18/2019	Thu	4pm-5pm	95	11.60	68.00
54	5/21/2019	Tue	4pm-5pm	95	11.60	57.00
55	6/3/2019	Mon	7am-8am	95	11.60	64.00
56	9/17/2019	Tue	4pm-5pm	95	11.60	58.00
57	5/10/2019	Fri	5pm-6pm	94	11.48	55.00
58	6/3/2019	Mon	5pm-6pm	94	11.48	65.00
59	7/3/2019	Wed	10am-11am	94	11.48	54.00
60	7/26/2019	Fri	5pm-6pm	94	11.48	61.00
61	8/13/2019	Tue	1pm-2pm	94	11.48	52.00
62	9/18/2019	Wed	4pm-5pm	94	11.48	67.00
63	10/10/2019	Thu	5pm-6pm	94	11.48	53.00
64	10/22/2019	Tue	4pm-5pm	94	11.48	57.00
65	2/4/2019	Mon	3pm-4pm	93	11.36	60.00
66	5/23/2019	Thu	4pm-5pm	93	11.36	60.00
67	6/4/2019	Tue	5pm-6pm	93	11.36	55.00
68	6/5/2019	Wed	4pm-5pm	93	11.36	62.00
69	7/12/2019	Fri	5pm-6pm	93	11.36	66.00
70	8/27/2019	Tue	4pm-5pm	93	11.36	57.00
71	9/13/2019	Fri	4pm-5pm	93	11.36	59.00
72	9/20/2019	Fri	1pm-2pm	93	11.36	51.00
73	3/21/2019	Thu	4pm-5pm	92	11.23	60.00
74	4/23/2019	Tue	7am-8am	92	11.23	71.00
75	5/16/2019	Thu	4pm-5pm	92	11.23	55.00
76	5/20/2019	Mon	4pm-5pm	92	11.23	50.00
77	6/21/2019	Fri	4pm-5pm	92	11.23	70.00
78	7/1/2019	Mon	5pm-6pm	92	11.23	61.00
79	11/1/2019	Fri	2pm-3pm	92	11.23	54.00
80	11/13/2019	Wed	4pm-5pm	92	11.23	60.00
81	11/18/2019	Mon	10am-11am	92	11.23	63.00
82	12/12/2019	Thu	3pm-4pm	92	11.23	55.00
83	4/19/2019	Fri	4pm-5pm	91	11.11	63.00
84	5/21/2019	Tue	7am-8am	91	11.11	60.00
85	5/29/2019	Wed	4pm-5pm	91	11.11	55.00
86	6/19/2019	Wed	4pm-5pm	91	11.11	51.00
87	7/19/2019	Fri	2pm-3pm	91	11.11	55.00
88	9/4/2019	Wed	3pm-4pm	91	11.11	55.00
89	9/4/2019	Wed	5pm-6pm	91	11.11	56.00
90	10/3/2019	Thu	4pm-5pm	91	11.11	65.00
91	10/7/2019	Mon	4pm-5pm	91	11.11	53.00
92	10/10/2019	Thu	3pm-4pm	91	11.11	53.00
93	10/14/2019	Mon	4pm-5pm	91	11.11	67.00
94	10/28/2019	Mon	4pm-5pm	91	11.11	58.00
95	4/5/2019	Fri	5pm-6pm	90	10.99	59.00
96	5/22/2019	Wed	3pm-4pm	90	10.99	53.00
97	5/24/2019	Fri	4pm-5pm	90	10.99	61.00
98	5/30/2019	Thu	7am-8am	90	10.99	60.00
99	6/1/2019	Sat	4pm-5pm	90	10.99	80.00
100	9/3/2019	Tue	8am-9am	90	10.99	57.00

Annual High Hour

> *Multi-day counts will need to be combined together to produce accurate percentages. OTMS is designed to only accept counts from Midnight to Midnight on a single day and will produce additional reports for each day of the count. Note that in this case report totals on each page will not be accurate for the entire count.*

Once the site is selected, go to reports and select "Volume" → "Annual High Hour". This report does not give you values between the 28th and 32nd hour to be able to average for the 30th hour if needed in case of incomplete data that skews the results or when it falls on a non-typical day such as a holiday.

Oregon Traffic Monitoring System

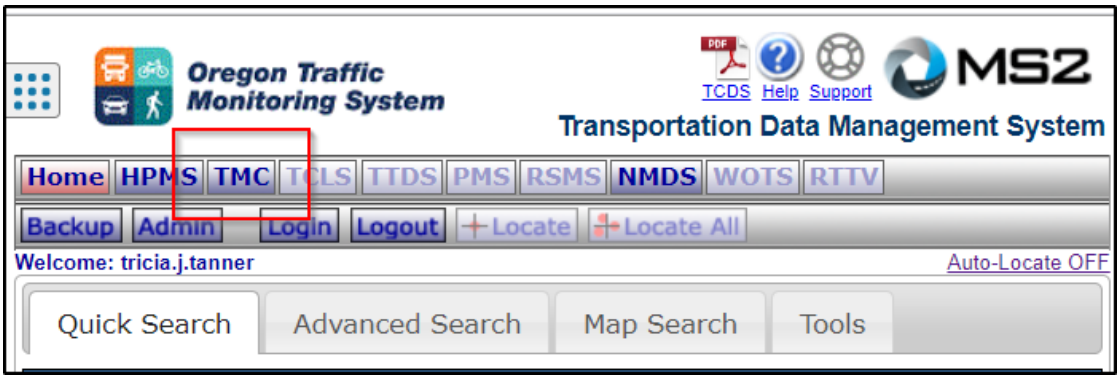
High Hourly Volumes for Year for 1/1/2019 - 12/31/2019
Criteria: Location ID = 01001

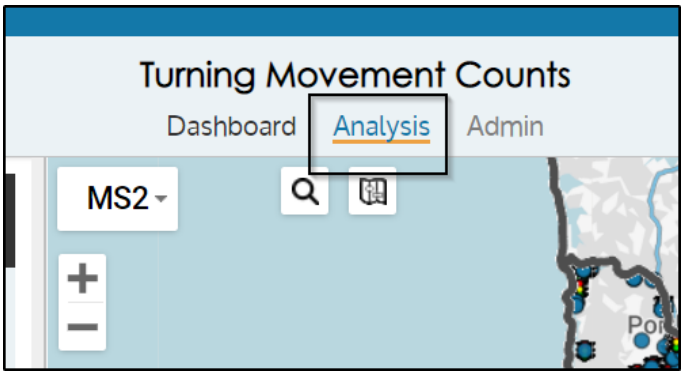
District : Region 5 **County :** Baker **Community :**
Route: UnionBaker County Line [4.84 miles] **On Road:** LA GRANDE-BAKER HIGHWAY NO. 66
Location ID : 01001 **Collection Type :** **AADT:** 819
Roadbed : ML

Ordinal High Hour	Date	Day of Week	Hour	Volume	K Factor	Peak Direction	Directional Distribution
1	5/24/2019	Friday	8pm-9pm	319	38.9	NB	94
2	6/12/2019	Wednesday	5pm-6pm	269	32.8	NB	87
3	5/24/2019	Friday	9pm-10pm	212	25.9	NB	94
4	5/24/2019	Friday	7pm-8pm	153	18.7	NB	84
5	7/4/2019	Thursday	9am-10am	153	18.7	SB	88
6	7/4/2019	Thursday	11am-12pm	143	17.5	NB	74
7	7/4/2019	Thursday	12pm-1pm	133	16.2	SB	59
8	7/3/2019	Wednesday	5pm-6pm	127	15.5	SB	75
9	6/1/2019	Saturday	1pm-2pm	121	14.8	NB	65
10	11/18/2019	Monday	11am-12pm	121	14.8	NB	71
20	7/4/2019	Thursday	1pm-2pm	105	12.8	SB	68
25	8/3/2019	Saturday	8pm-9pm	103	12.6	NB	78
30	4/26/2019	Friday	4pm-5pm	100	12.2	SB	53
35	10/28/2019	Monday	5pm-6pm	100	12.2	SB	58
40	11/13/2019	Wednesday	3pm-4pm	99	12.1	SB	55
45	10/31/2019	Thursday	3pm-4pm	97	11.8	SB	63
50	10/15/2019	Tuesday	4pm-5pm	96	11.7	SB	57
75	5/16/2019	Thursday	4pm-5pm	92	11.2	SB	55
100	9/3/2019	Tuesday	8am-9am	90	11	SB	57
125	6/7/2019	Friday	5pm-6pm	88	10.7	SB	56
150	8/2/2019	Friday	4pm-5pm	87	10.6	SB	71
175	4/24/2019	Wednesday	3pm-4pm	85	10.4	SB	58
200	6/5/2019	Wednesday	3pm-4pm	84	10.3	NB	56

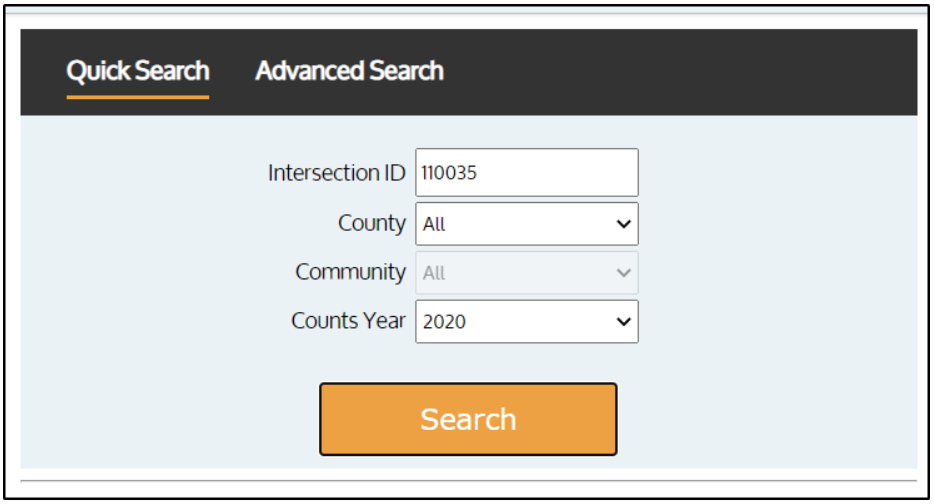
Intersection Counts (Turning Movement Counts –TMC)

From the OTMS home page, click on the TMC tab for turning movement counts. A new webpage will open up. Select "Analysis" at the top center of the screen that allows for a quick search, advanced search, or search by the map as above. The TMC tab is in the new updated format so it looks different from the Home (TCDS) tab. The TCDS tab will be eventually updated to match.

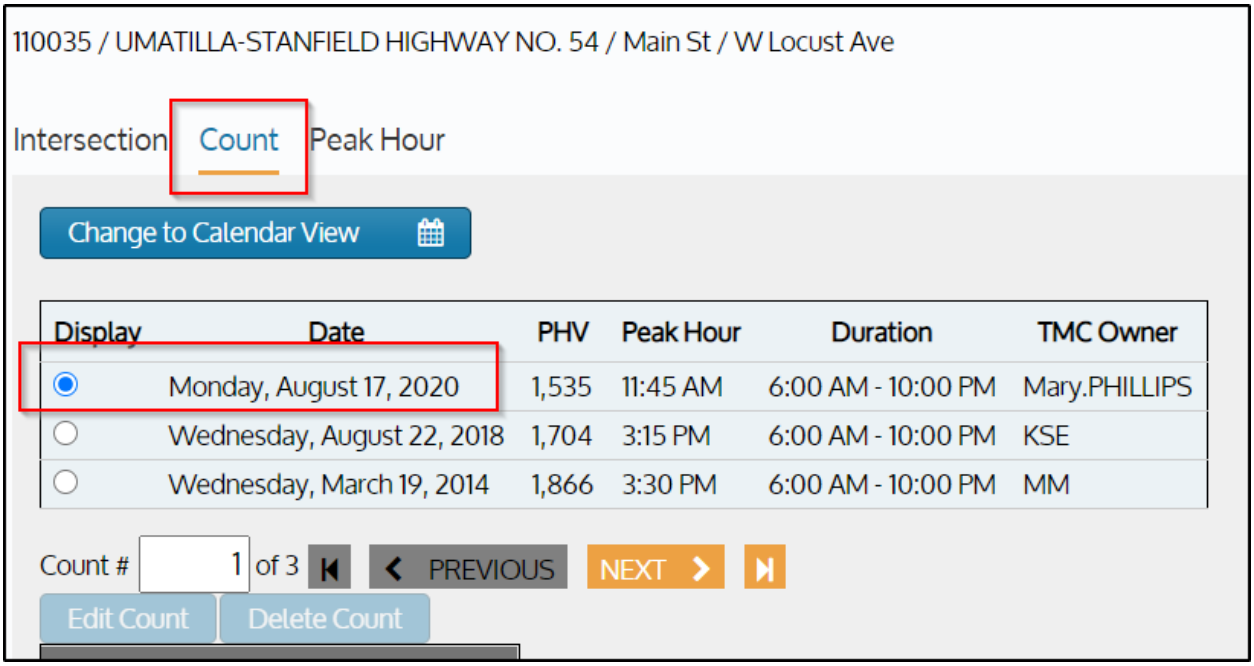




Perform either a quick search by Intersection ID, County, Community, or Counts Year. An advanced search can also be done.



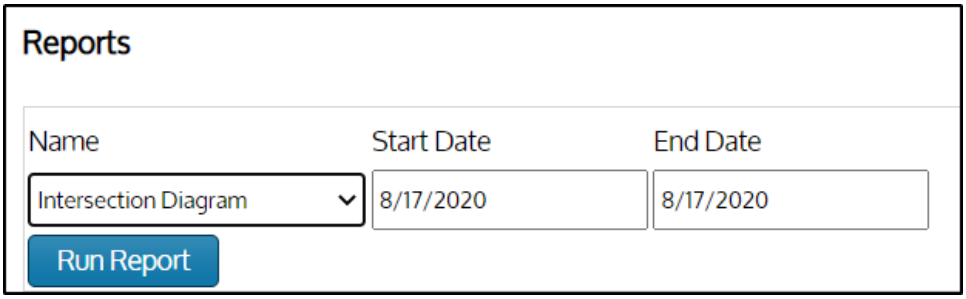
Once the site is selected, click the "Count" tab and select the necessary count. The count date is necessary when running the reports.



Count Reports – Turning Movement/Intersection Counts

Intersection Diagram Report

On the drop down, select Intersection Diagram Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.

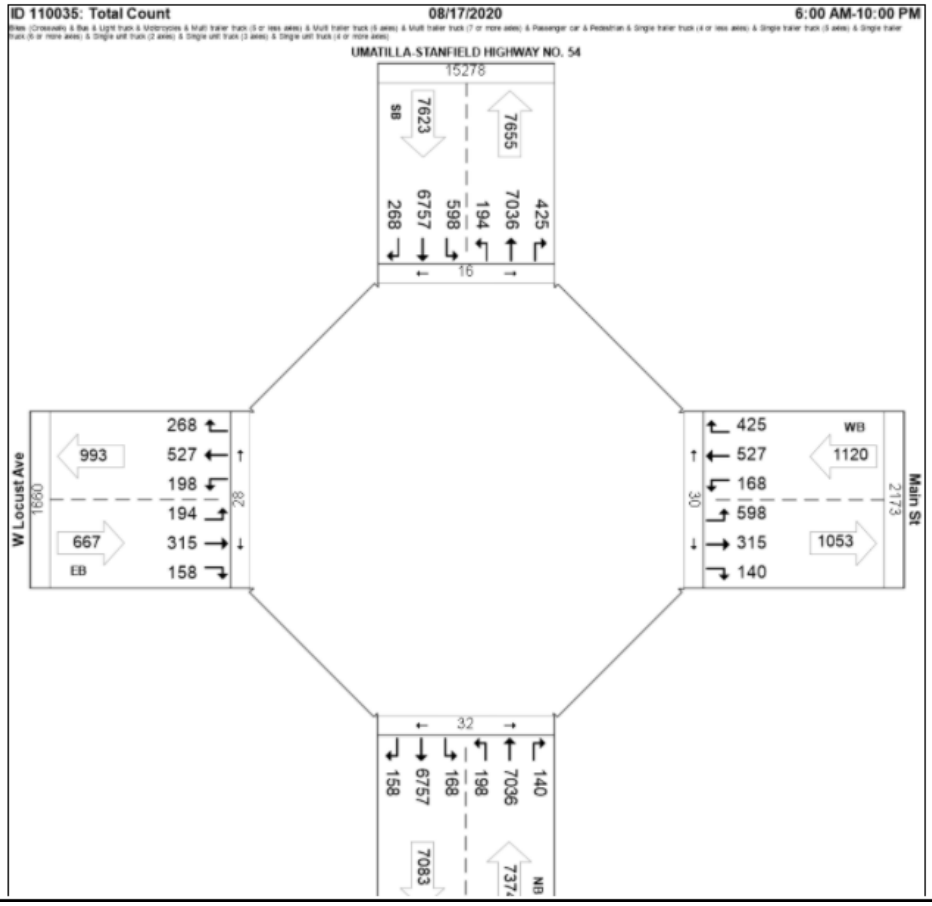
1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Intersection Diagram
8/17/2020 Through 8/17/2020

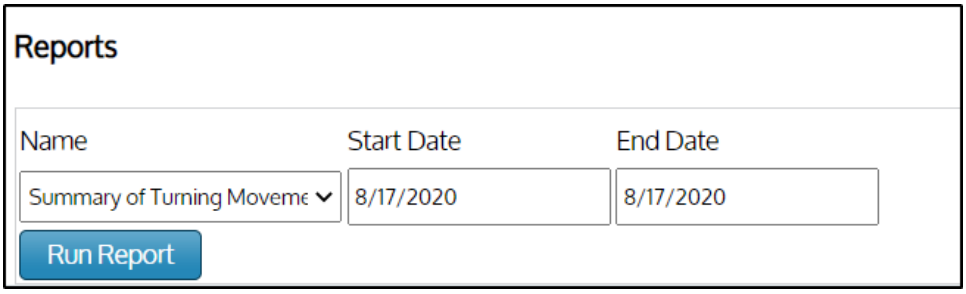
Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.4600000

Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

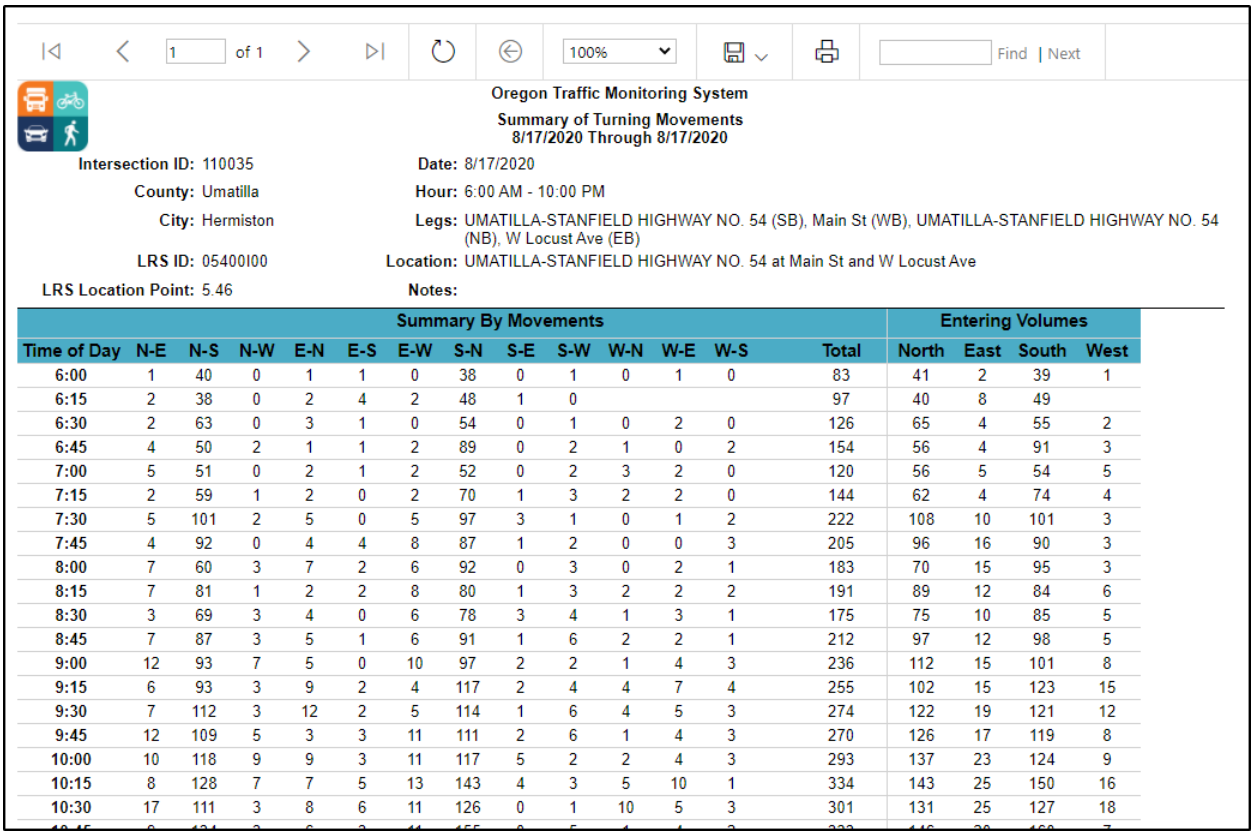


Summary by Turning Movements Report

On the drop down, select Summary by Turning Movements Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

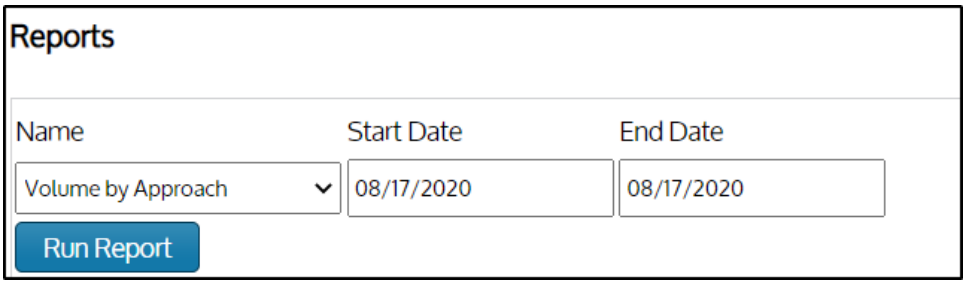
Oregon Traffic Monitoring System
Summary of Turning Movements
8/17/2020 Through 8/17/2020

Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46
Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

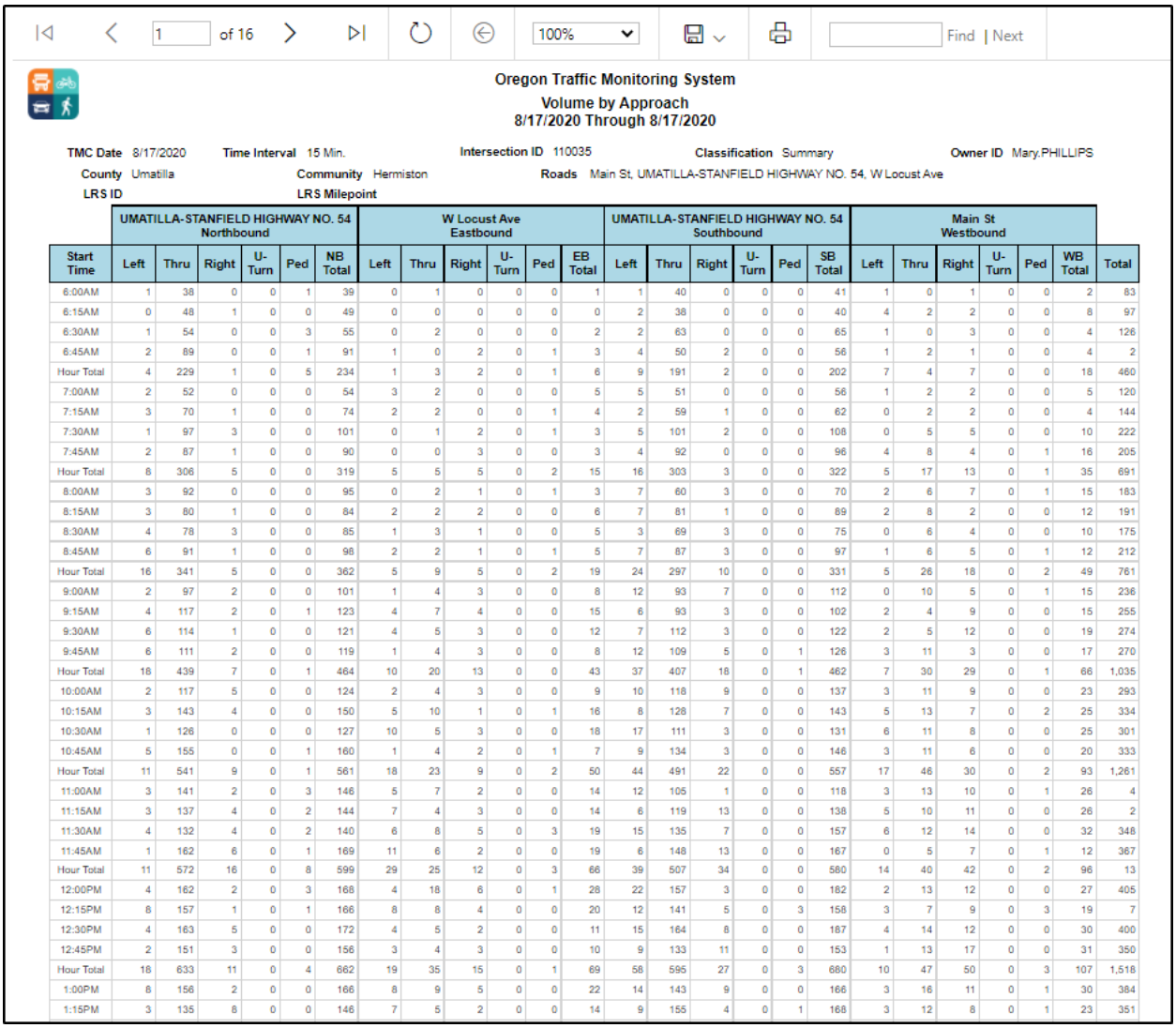
	Summary By Movements													Entering Volumes			
Time of Day	N-E	N-S	N-W	E-N	E-S	E-W	S-N	S-E	S-W	W-N	W-E	W-S	Total	North	East	South	West
6:00	1	40	0	1	1	0	38	0	1	0	1	0	83	41	2	39	1
6:15	2	38	0	2	4	2	48	1	0				97	40	8	49	
6:30	2	63	0	3	1	0	54	0	1	0	2	0	126	65	4	55	2
6:45	4	50	2	1	1	2	89	0	2	1	0	2	154	56	4	91	3
7:00	5	51	0	2	1	2	52	0	2	3	2	0	120	56	5	54	5
7:15	2	59	1	2	0	2	70	1	3	2	2	0	144	62	4	74	4
7:30	5	101	2	5	0	5	97	3	1	0	1	2	222	108	10	101	3
7:45	4	92	0	4	4	8	87	1	2	0	0	3	205	96	16	90	3
8:00	7	60	3	7	2	6	92	0	3	0	2	1	183	70	15	95	3
8:15	7	81	1	2	2	8	80	1	3	2	2	2	191	89	12	84	6
8:30	3	69	3	4	0	6	78	3	4	1	3	1	175	75	10	85	5
8:45	7	87	3	5	1	6	91	1	6	2	2	1	212	97	12	98	5
9:00	12	93	7	5	0	10	97	2	2	1	4	3	236	112	15	101	8
9:15	6	93	3	9	2	4	117	2	4	4	7	4	255	102	15	123	15
9:30	7	112	3	12	2	5	114	1	6	4	5	3	274	122	19	121	12
9:45	12	109	5	3	3	11	111	2	6	1	4	3	270	126	17	119	8
10:00	10	118	9	9	3	11	117	5	2	2	4	3	293	137	23	124	9
10:15	8	128	7	7	5	13	143	4	3	5	10	1	334	143	25	150	16
10:30	17	111	3	8	6	11	126	0	1	10	5	3	301	131	25	127	18

Volume by Approach Report

On the drop down, select Volume by Approach Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 16 100% Find | Next

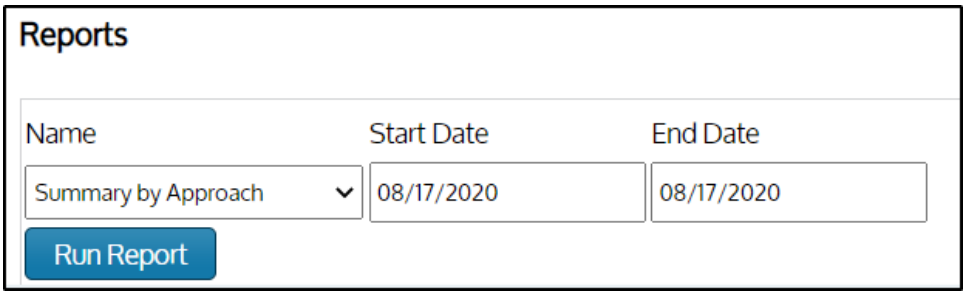
Oregon Traffic Monitoring System
Volume by Approach
8/17/2020 Through 8/17/2020

TMC Date 8/17/2020 **Time Interval** 15 Min. **Intersection ID** 110035 **Classification** Summary **Owner ID** Mary.PHILLIPS
County Umatilla **Community** Hermiston **Roads** Main St, UMATILLA-STANFIELD HIGHWAY NO. 54, W Locust Ave
LRS ID **LRS Milepoint**

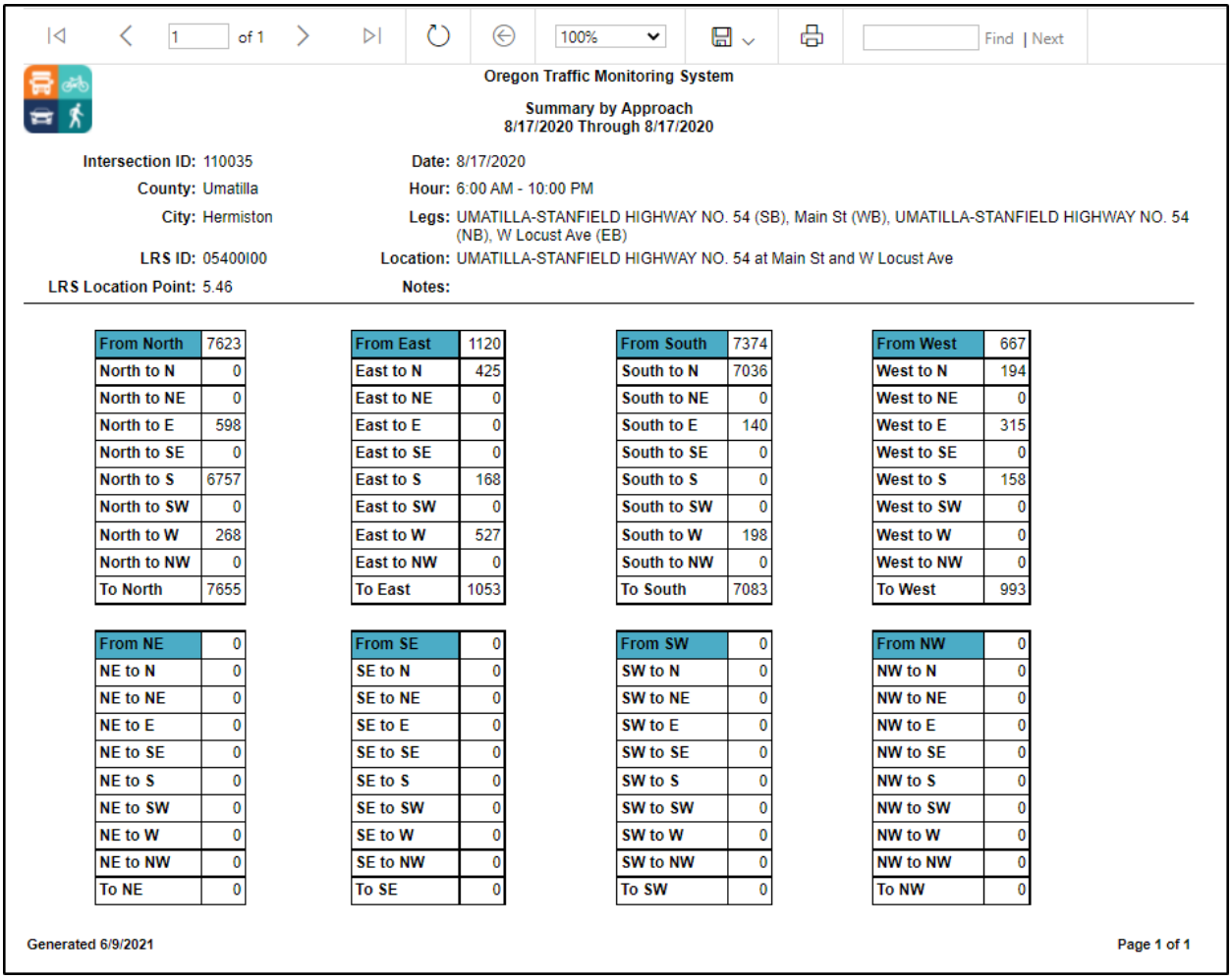
	UMATILLA-STANFIELD HIGHWAY NO. 54 Northbound						W Locust Ave Eastbound						UMATILLA-STANFIELD HIGHWAY NO. 54 Southbound						Main St Westbound						
Start Time	Left	Thru	Right	U-Turn	Ped	NB Total	Left	Thru	Right	U-Turn	Ped	EB Total	Left	Thru	Right	U-Turn	Ped	SB Total	Left	Thru	Right	U-Turn	Ped	WB Total	Total
6:00AM	1	38	0	0	1	39	0	1	0	0	0	1	1	40	0	0	0	41	1	0	1	0	0	2	83
6:15AM	0	48	1	0	0	49	0	0	0	0	0	0	2	38	0	0	0	40	4	2	2	0	0	8	97
6:30AM	1	54	0	0	3	55	0	2	0	0	0	2	2	63	0	0	0	65	1	0	3	0	0	4	126
6:45AM	2	89	0	0	1	91	1	0	2	0	1	3	4	50	2	0	0	56	1	2	1	0	0	4	2
Hour Total	4	229	1	0	5	234	1	3	2	0	1	6	9	191	2	0	0	202	7	4	7	0	0	18	460
7:00AM	2	52	0	0	0	54	3	2	0	0	0	5	5	51	0	0	0	56	1	2	2	0	0	5	120
7:15AM	3	70	1	0	0	74	2	2	0	0	1	4	2	59	1	0	0	62	0	2	2	0	0	4	144
7:30AM	1	97	3	0	0	101	0	1	2	0	1	3	5	101	2	0	0	108	0	5	5	0	0	10	222
7:45AM	2	87	1	0	0	90	0	0	3	0	0	3	4	92	0	0	0	96	4	8	4	0	1	16	205
Hour Total	8	306	5	0	0	319	5	5	5	0	2	15	16	303	3	0	0	322	5	17	13	0	1	35	691
8:00AM	3	92	0	0	0	95	0	2	1	0	1	3	7	60	3	0	0	70	2	6	7	0	1	15	183
8:15AM	3	80	1	0	0	84	2	2	2	0	0	6	7	81	1	0	0	89	2	8	2	0	0	12	191
8:30AM	4	78	3	0	0	85	1	3	1	0	0	5	3	69	3	0	0	75	0	6	4	0	0	10	175
8:45AM	6	91	1	0	0	98	2	2	1	0	1	5	7	87	3	0	0	97	1	6	5	0	1	12	212
Hour Total	16	341	5	0	0	362	5	9	5	0	2	19	24	297	10	0	0	331	5	26	18	0	2	49	761
9:00AM	2	97	2	0	0	101	1	4	3	0	0	8	12	93	7	0	0	112	0	10	5	0	1	15	236
9:15AM	4	117	2	0	1	123	4	7	4	0	0	15	6	93	3	0	0	102	2	4	9	0	0	15	255
9:30AM	6	114	1	0	0	121	4	5	3	0	0	12	7	112	3	0	0	122	2	5	12	0	0	19	274
9:45AM	6	111	2	0	0	119	1	4	3	0	0	8	12	109	5	0	1	126	3	11	3	0	0	17	270
Hour Total	18	439	7	0	1	464	10	20	13	0	0	43	37	407	18	0	1	462	7	30	29	0	1	66	1,035
10:00AM	2	117	5	0	0	124	2	4	3	0	0	9	10	118	9	0	0	137	3	11	9	0	0	23	293
10:15AM	3	143	4	0	0	150	5	10	1	0	1	16	8	128	7	0	0	143	5	13	7	0	2	25	334
10:30AM	1	126	0	0	0	127	10	5	3	0	0	18	17	111	3	0	0	131	6	11	8	0	0	25	301
10:45AM	5	155	0	0	1	160	1	4	2	0	1	7	9	134	3	0	0	146	3	11	6	0	0	20	333
Hour Total	11	541	9	0	1	561	18	23	9	0	2	50	44	491	22	0	0	557	17	46	30	0	2	93	1,261
11:00AM	3	141	2	0	3	146	5	7	2	0	0	14	12	105	1	0	0	118	3	13	10	0	1	26	4
11:15AM	3	137	4	0	2	144	7	4	3	0	0	14	6	119	13	0	0	138	5	10	11	0	0	26	2
11:30AM	4	132	4	0	2	140	6	8	5	0	3	19	15	135	7	0	0	157	6	12	14	0	0	32	348
11:45AM	1	162	6	0	1	169	11	6	2	0	0	19	6	148	13	0	0	167	0	5	7	0	1	12	367
Hour Total	11	572	16	0	8	599	29	25	12	0	3	66	39	507	34	0	0	580	14	40	42	0	2	96	13
12:00PM	4	162	2	0	3	168	4	18	6	0	1	28	22	157	3	0	0	182	2	13	12	0	0	27	405
12:15PM	8	157	1	0	1	166	8	8	4	0	0	20	12	141	5	0	3	158	3	7	9	0	3	19	7
12:30PM	4	163	5	0	0	172	4	5	2	0	0	11	15	164	8	0	0	187	4	14	12	0	0	30	400
12:45PM	2	151	3	0	0	156	3	4	3	0	0	10	9	133	11	0	0	153	1	13	17	0	0	31	350
Hour Total	18	633	11	0	4	662	19	35	15	0	1	69	58	595	27	0	3	680	10	47	50	0	3	107	1,518
1:00PM	8	156	2	0	0	166	8	9	5	0	0	22	14	143	9	0	0	166	3	16	11	0	1	30	384
1:15PM	3	135	8	0	0	146	7	5	2	0	0	14	9	155	4	0	1	168	3	12	8	0	1	23	351

Summary by Approach Report

On the drop down, select Summary by Approach Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Summary by Approach
8/17/2020 Through 8/17/2020

Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46

Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

From North	7623
North to N	0
North to NE	0
North to E	598
North to SE	0
North to S	6757
North to SW	0
North to W	268
North to NW	0
To North	7655

From East	1120
East to N	425
East to NE	0
East to E	0
East to SE	0
East to S	168
East to SW	0
East to W	527
East to NW	0
To East	1053

From South	7374
South to N	7036
South to NE	0
South to E	140
South to SE	0
South to S	0
South to SW	0
South to W	198
South to NW	0
To South	7083

From West	667
West to N	194
West to NE	0
West to E	315
West to SE	0
West to S	158
West to SW	0
West to W	0
West to NW	0
To West	993

From NE	0
NE to N	0
NE to NE	0
NE to E	0
NE to SE	0
NE to S	0
NE to SW	0
NE to W	0
NE to NW	0
To NE	0

From SE	0
SE to N	0
SE to NE	0
SE to E	0
SE to SE	0
SE to S	0
SE to SW	0
SE to W	0
SE to NW	0
To SE	0

From SW	0
SW to N	0
SW to NE	0
SW to E	0
SW to SE	0
SW to S	0
SW to SW	0
SW to W	0
SW to NW	0
To SW	0

From NW	0
NW to N	0
NW to NE	0
NW to E	0
NW to SE	0
NW to S	0
NW to SW	0
NW to W	0
NW to NW	0
To NW	0

Generated 6/9/2021

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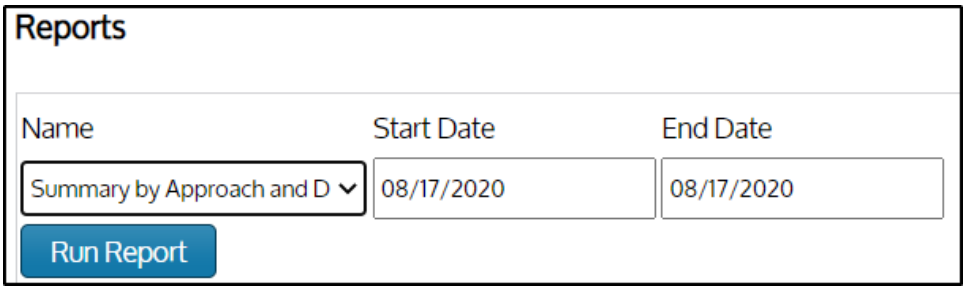
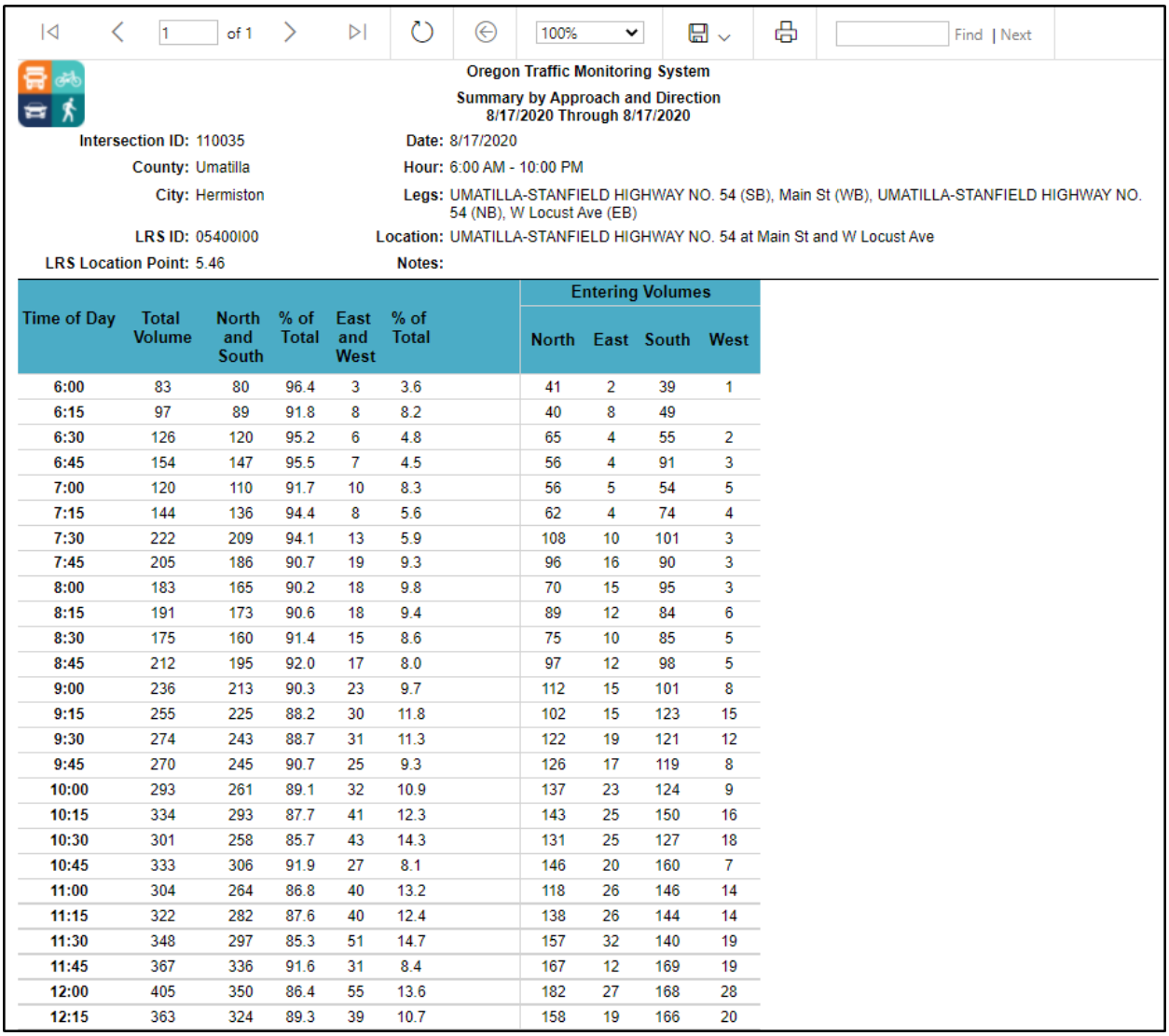
Summary by Approach and Direction Report

On the drop down, select Summary by Approach and Direction Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Summary by Approach and Direction
8/17/2020 Through 8/17/2020

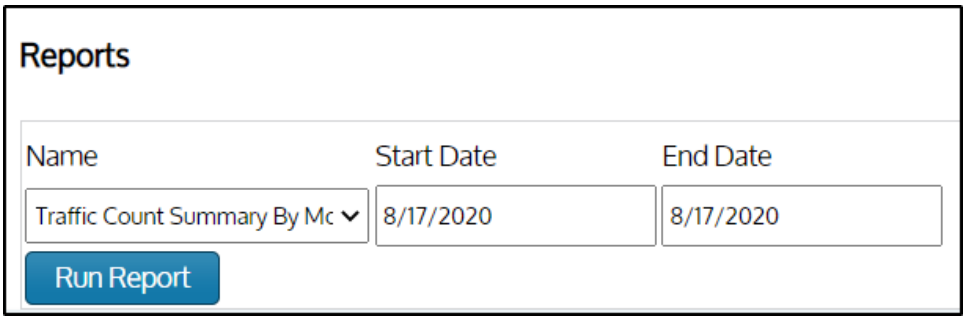
Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46

Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

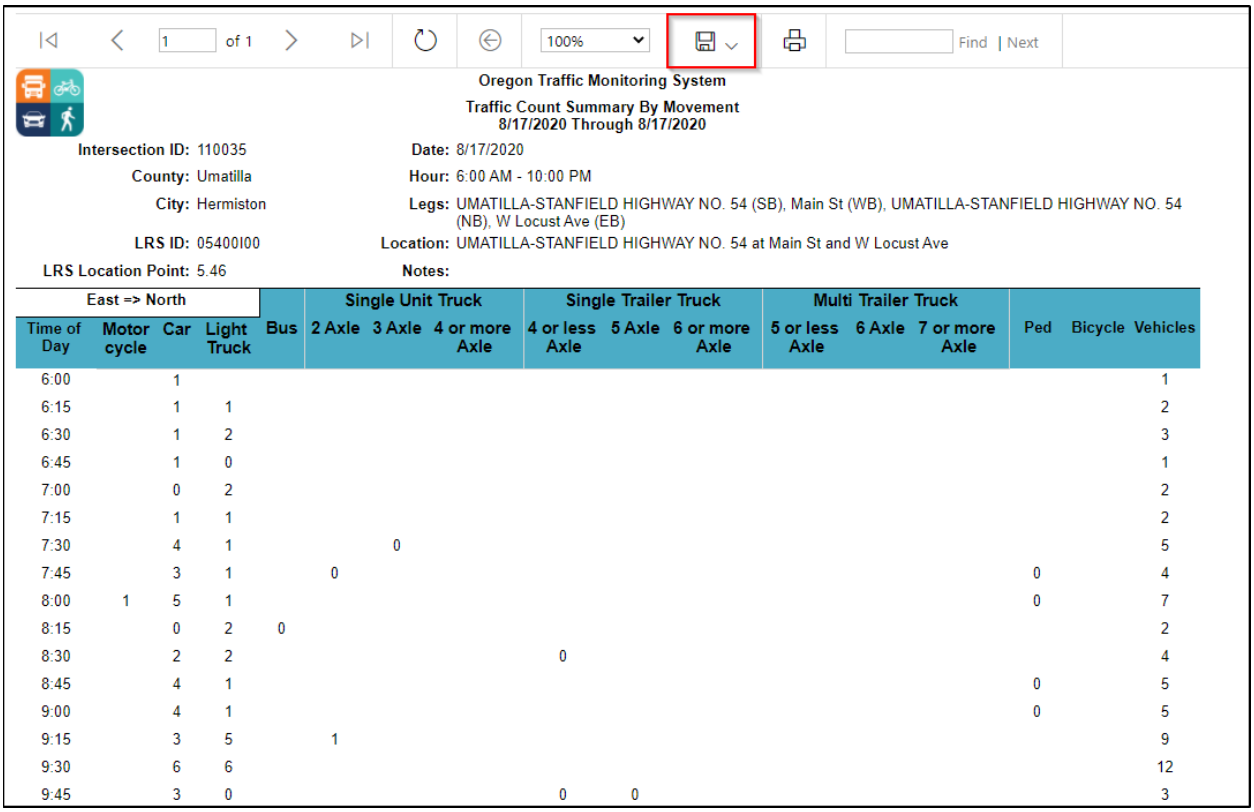
Time of Day	Total Volume	North and South	% of Total	East and West	% of Total	Entering Volumes			
						North	East	South	West
6:00	83	80	96.4	3	3.6	41	2	39	1
6:15	97	89	91.8	8	8.2	40	8	49	
6:30	126	120	95.2	6	4.8	65	4	55	2
6:45	154	147	95.5	7	4.5	56	4	91	3
7:00	120	110	91.7	10	8.3	56	5	54	5
7:15	144	136	94.4	8	5.6	62	4	74	4
7:30	222	209	94.1	13	5.9	108	10	101	3
7:45	205	186	90.7	19	9.3	96	16	90	3
8:00	183	165	90.2	18	9.8	70	15	95	3
8:15	191	173	90.6	18	9.4	89	12	84	6
8:30	175	160	91.4	15	8.6	75	10	85	5
8:45	212	195	92.0	17	8.0	97	12	98	5
9:00	236	213	90.3	23	9.7	112	15	101	8
9:15	255	225	88.2	30	11.8	102	15	123	15
9:30	274	243	88.7	31	11.3	122	19	121	12
9:45	270	245	90.7	25	9.3	126	17	119	8
10:00	293	261	89.1	32	10.9	137	23	124	9
10:15	334	293	87.7	41	12.3	143	25	150	16
10:30	301	258	85.7	43	14.3	131	25	127	18
10:45	333	306	91.9	27	8.1	146	20	160	7
11:00	304	264	86.8	40	13.2	118	26	146	14
11:15	322	282	87.6	40	12.4	138	26	144	14
11:30	348	297	85.3	51	14.7	157	32	140	19
11:45	367	336	91.6	31	8.4	167	12	169	19
12:00	405	350	86.4	55	13.6	182	27	168	28
12:15	363	324	89.3	39	10.7	158	19	166	20

Traffic Count Summary by Movement

On the drop down, select Traffic Count Summary by Movement and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

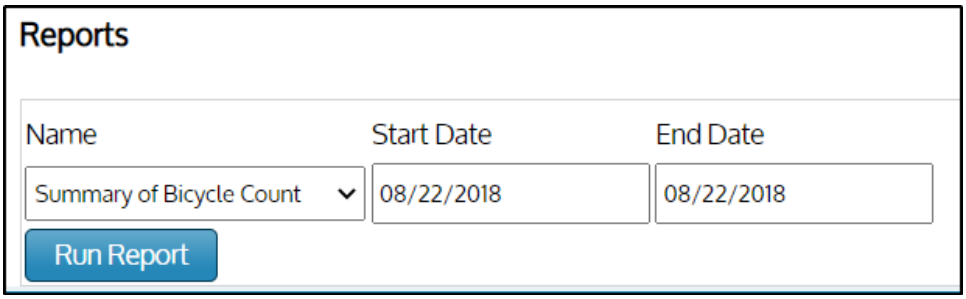
Traffic Count Summary By Movement
8/17/2020 Through 8/17/2020

Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46
Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

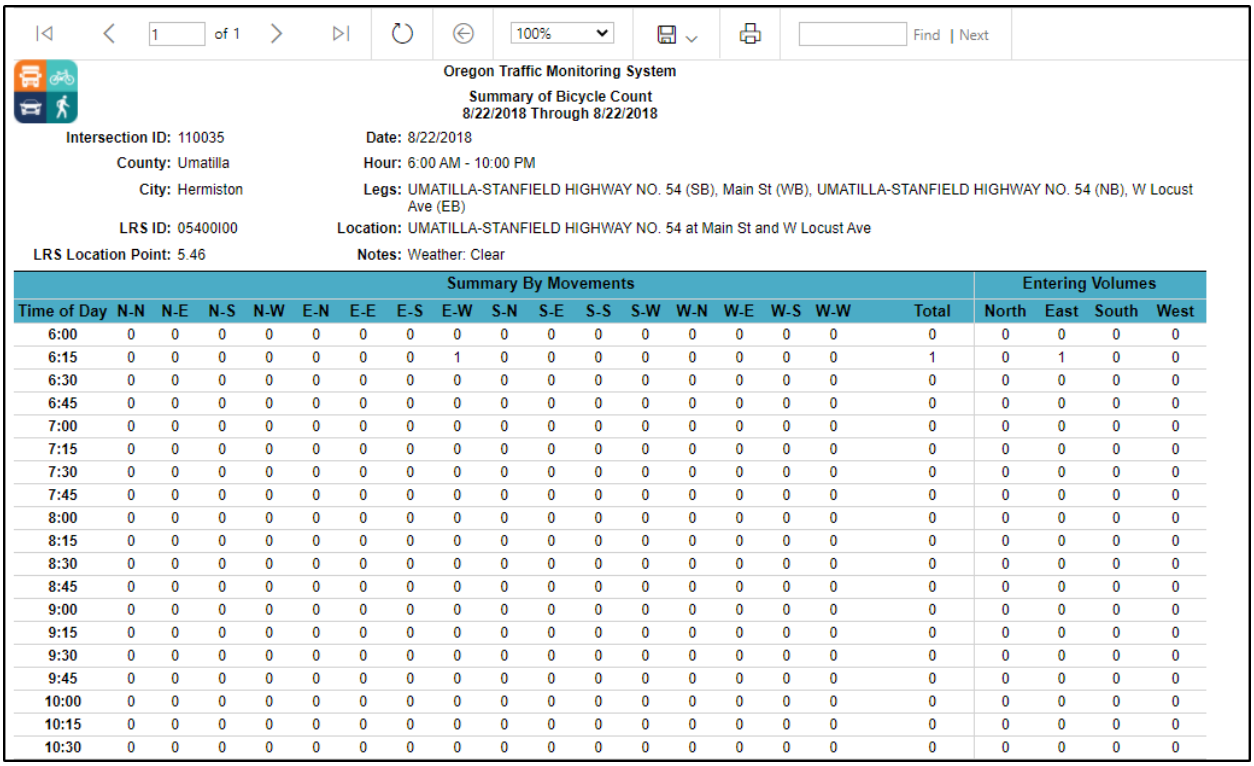
East => North					Single Unit Truck			Single Trailer Truck			Multi Trailer Truck					
Time of Day	Motor cycle	Car	Light Truck	Bus	2 Axle	3 Axle	4 or more Axle	4 or less Axle	5 Axle	6 or more Axle	5 or less Axle	6 Axle	7 or more Axle	Ped	Bicycle	Vehicles
6:00		1														1
6:15		1	1													2
6:30		1	2													3
6:45		1	0													1
7:00		0	2													2
7:15		1	1													2
7:30		4	1			0										5
7:45		3	1		0									0		4
8:00	1	5	1											0		7
8:15		0	2	0												2
8:30		2	2					0								4
8:45		4	1											0		5
9:00		4	1											0		5
9:15		3	5		1											9
9:30		6	6													12
9:45		3	0					0	0							3

Summary by Bicycle Count Report

On the drop down, select Summary of Bicycle Count Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Summary of Bicycle Count
8/22/2018 Through 8/22/2018

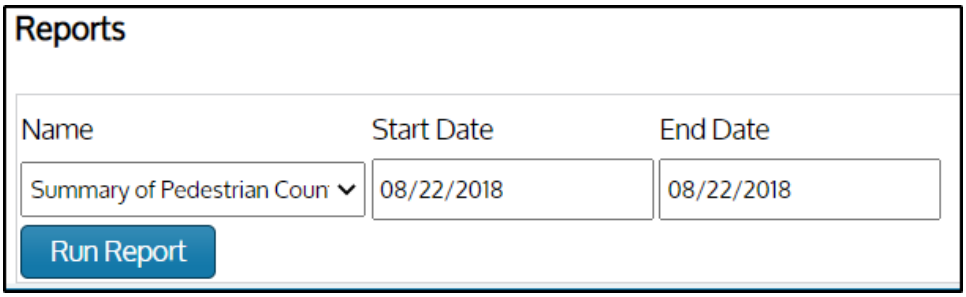
Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46

Date: 8/22/2018
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes: Weather: Clear

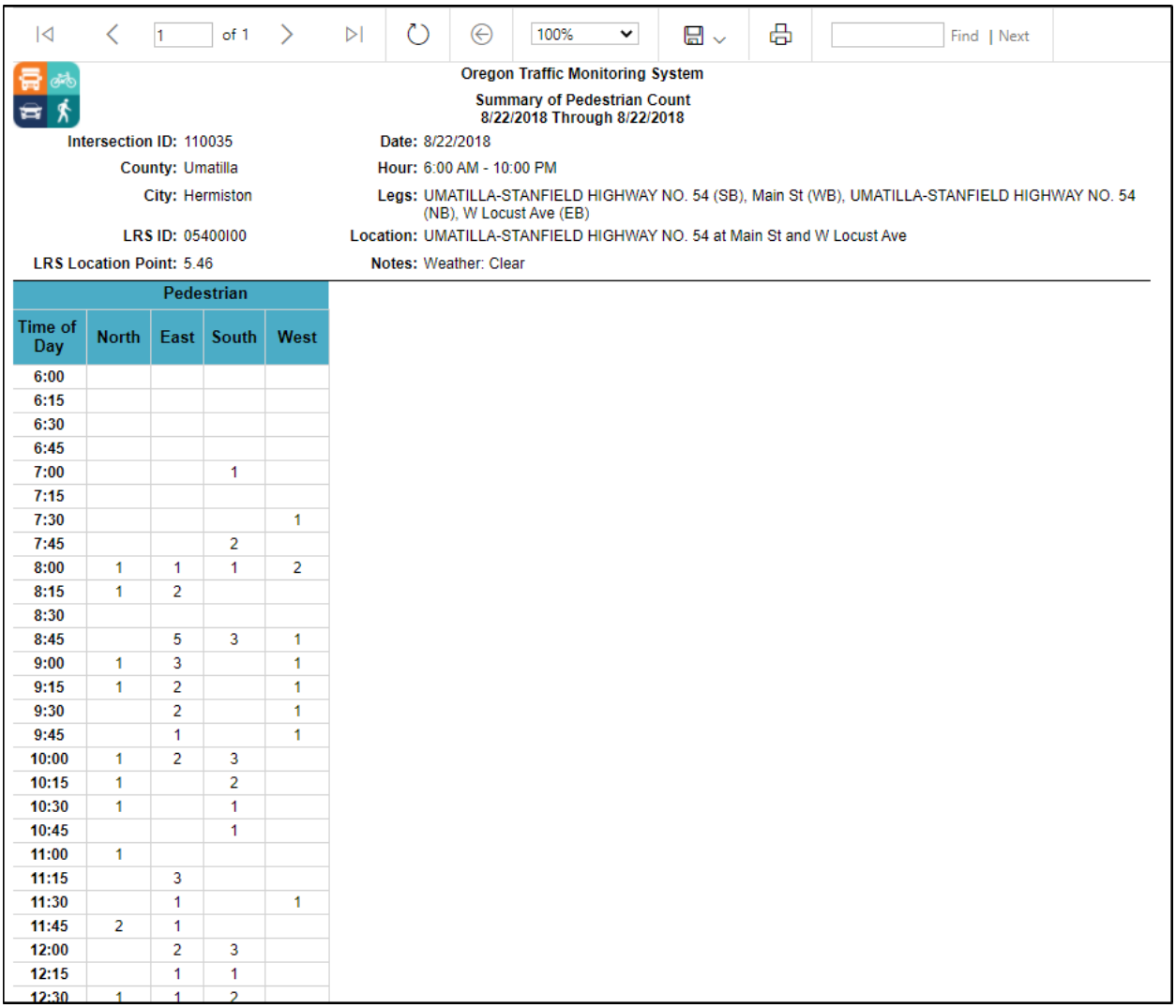
	Summary By Movements																	Entering Volumes			
Time of Day	N-N	N-E	N-S	N-W	E-N	E-E	E-S	E-W	S-N	S-E	S-S	S-W	W-N	W-E	W-S	W-W	Total	North	East	South	West
6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0
6:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Summary of Pedestrian Count Report

On the drop down, select Summary of Pedestrian Count Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Summary of Pedestrian Count
8/22/2018 Through 8/22/2018

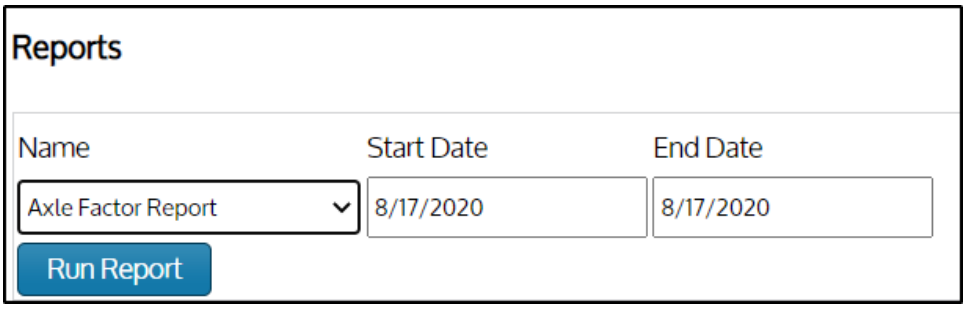
Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46

Date: 8/22/2018
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes: Weather: Clear

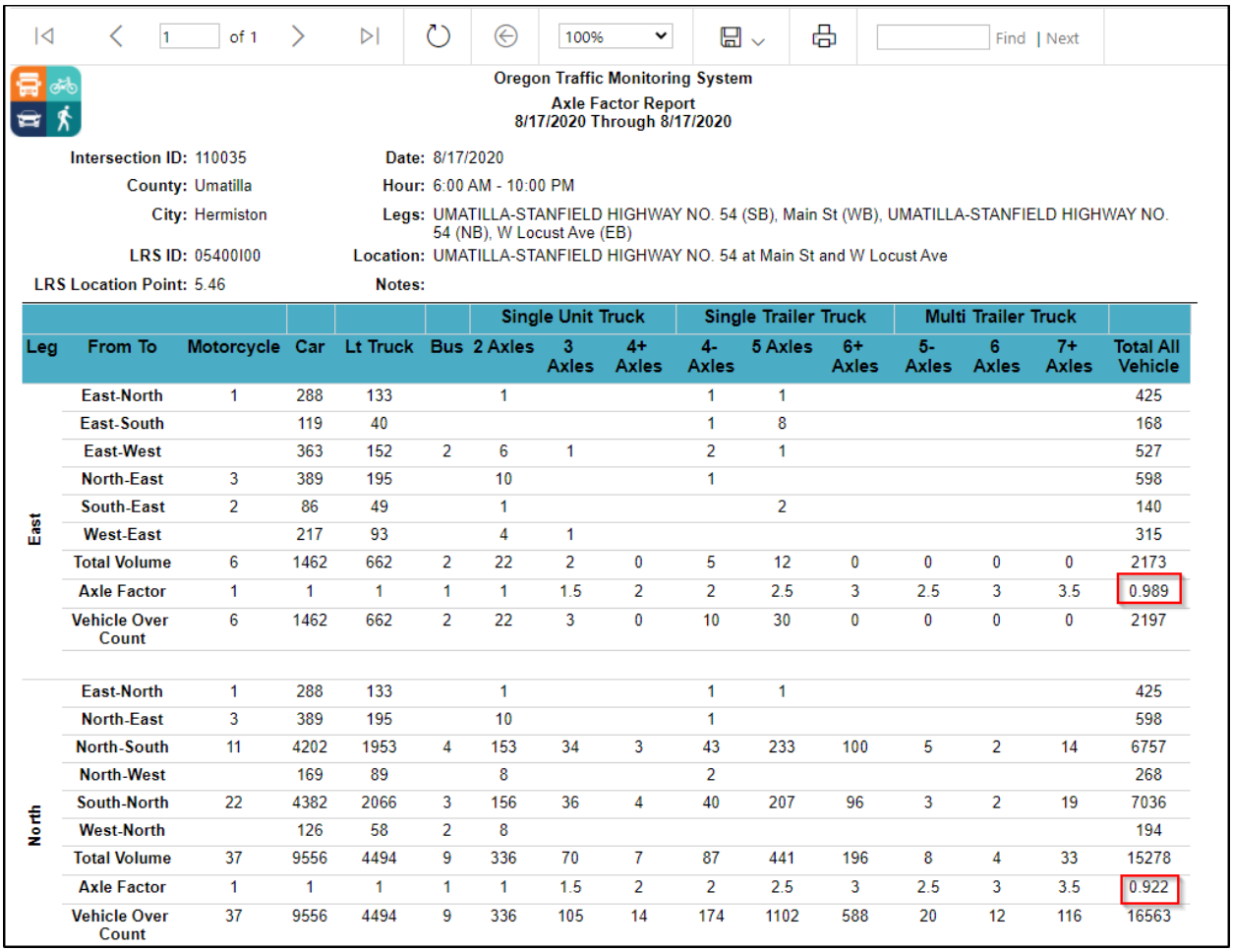
	Pedestrian			
Time of Day	North	East	South	West
6:00				
6:15				
6:30				
6:45				
7:00			1	
7:15				
7:30				1
7:45			2	
8:00	1	1	1	2
8:15	1	2		
8:30				
8:45		5	3	1
9:00	1	3		1
9:15	1	2		1
9:30		2		1
9:45		1		1
10:00	1	2	3	
10:15	1		2	
10:30	1		1	
10:45			1	
11:00	1			
11:15		3		
11:30		1		1
11:45	2	1		
12:00		2	3	
12:15		1	1	
12:30	1	1	2	

Axle Factor Report

On the drop down, select Axle Factor Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

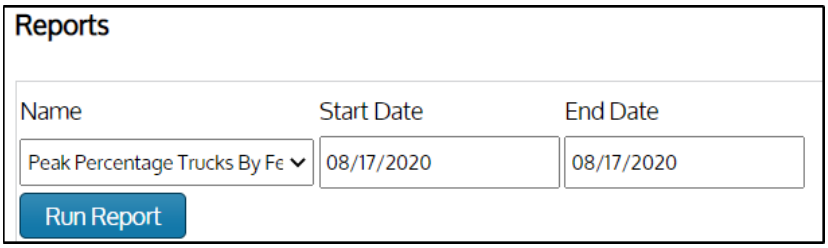
Oregon Traffic Monitoring System
Axle Factor Report
8/17/2020 Through 8/17/2020

Intersection ID: 110035 **Date:** 8/17/2020
County: Umatilla **Hour:** 6:00 AM - 10:00 PM
City: Hermiston **Legs:** UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
LRS ID: 05400I00 **Location:** UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
LRS Location Point: 5.46 **Notes:**

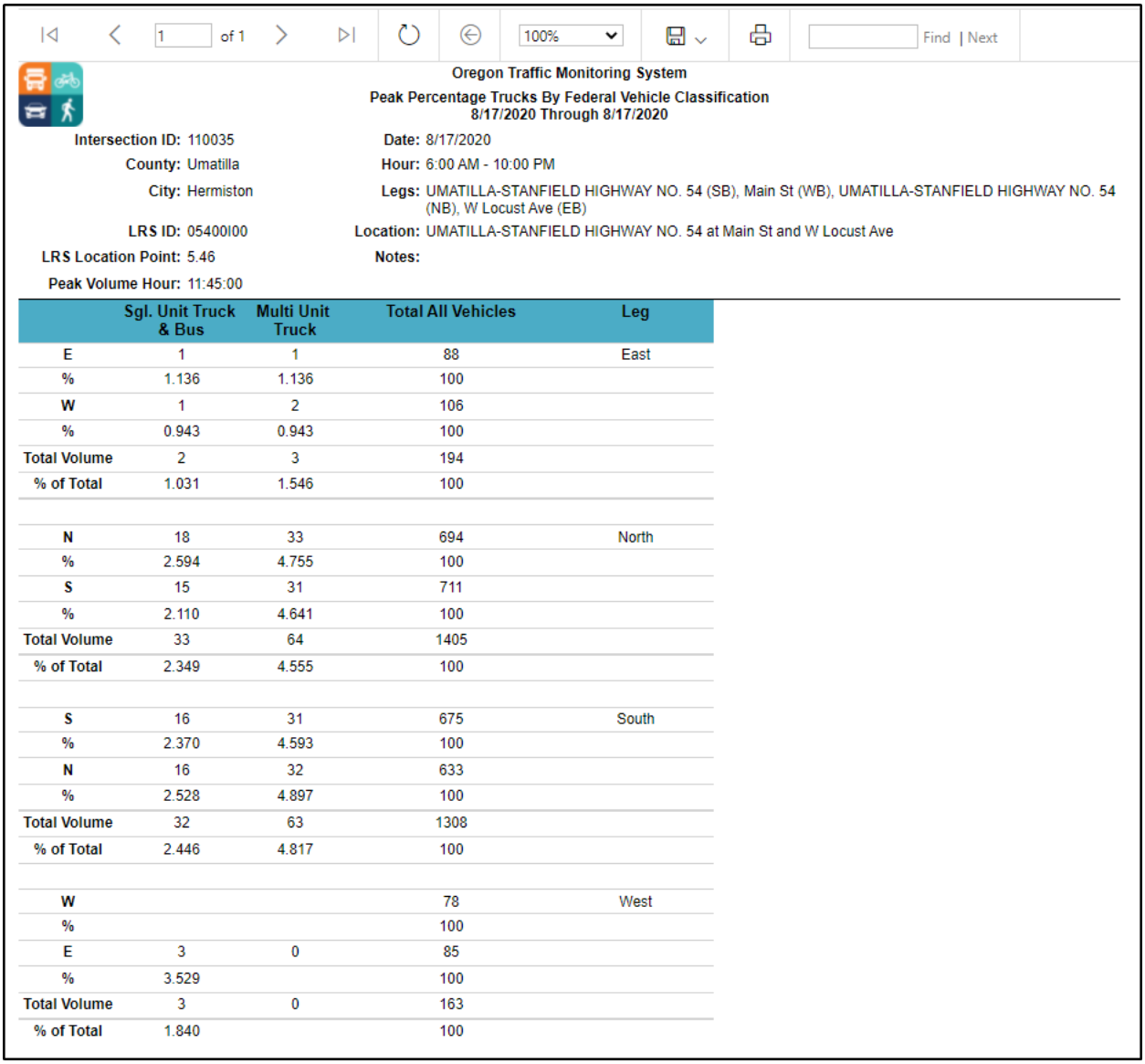
						Single Unit Truck			Single Trailer Truck			Multi Trailer Truck			
Leg	From To	Motorcycle	Car	Lt Truck	Bus	2 Axles	3 Axles	4+ Axles	4-Axles	5 Axles	6+ Axles	5-Axles	6 Axles	7+ Axles	Total All Vehicle
East	East-North	1	288	133		1			1	1					425
	East-South		119	40					1	8					168
	East-West		363	152	2	6	1		2	1					527
	North-East	3	389	195		10			1						598
	South-East	2	86	49		1				2					140
	West-East		217	93		4	1								315
	Total Volume	6	1462	662	2	22	2	0	5	12	0	0	0	0	2173
	Axle Factor	1	1	1	1	1	1.5	2	2	2.5	3	2.5	3	3.5	0.989
	Vehicle Over Count	6	1462	662	2	22	3	0	10	30	0	0	0	0	2197
North	East-North	1	288	133		1			1	1					425
	North-East	3	389	195		10			1						598
	North-South	11	4202	1953	4	153	34	3	43	233	100	5	2	14	6757
	North-West		169	89		8			2						268
	South-North	22	4382	2066	3	156	36	4	40	207	96	3	2	19	7036
	West-North		126	58	2	8									194
	Total Volume	37	9556	4494	9	336	70	7	87	441	196	8	4	33	15278
	Axle Factor	1	1	1	1	1	1.5	2	2	2.5	3	2.5	3	3.5	0.922
	Vehicle Over Count	37	9556	4494	9	336	105	14	174	1102	588	20	12	116	16563

Peak Percentage Trucks by Federal Vehicle Classification Report

On the drop down, select Peak Percentage Trucks by Federal Vehicle Classification Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Peak Percentage Trucks By Federal Vehicle Classification
8/17/2020 Through 8/17/2020

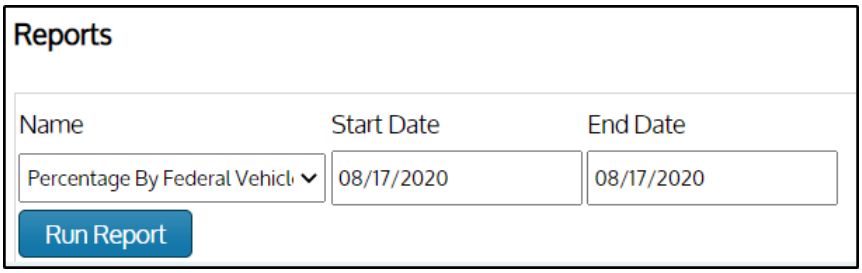
Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46
Peak Volume Hour: 11:45:00

Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

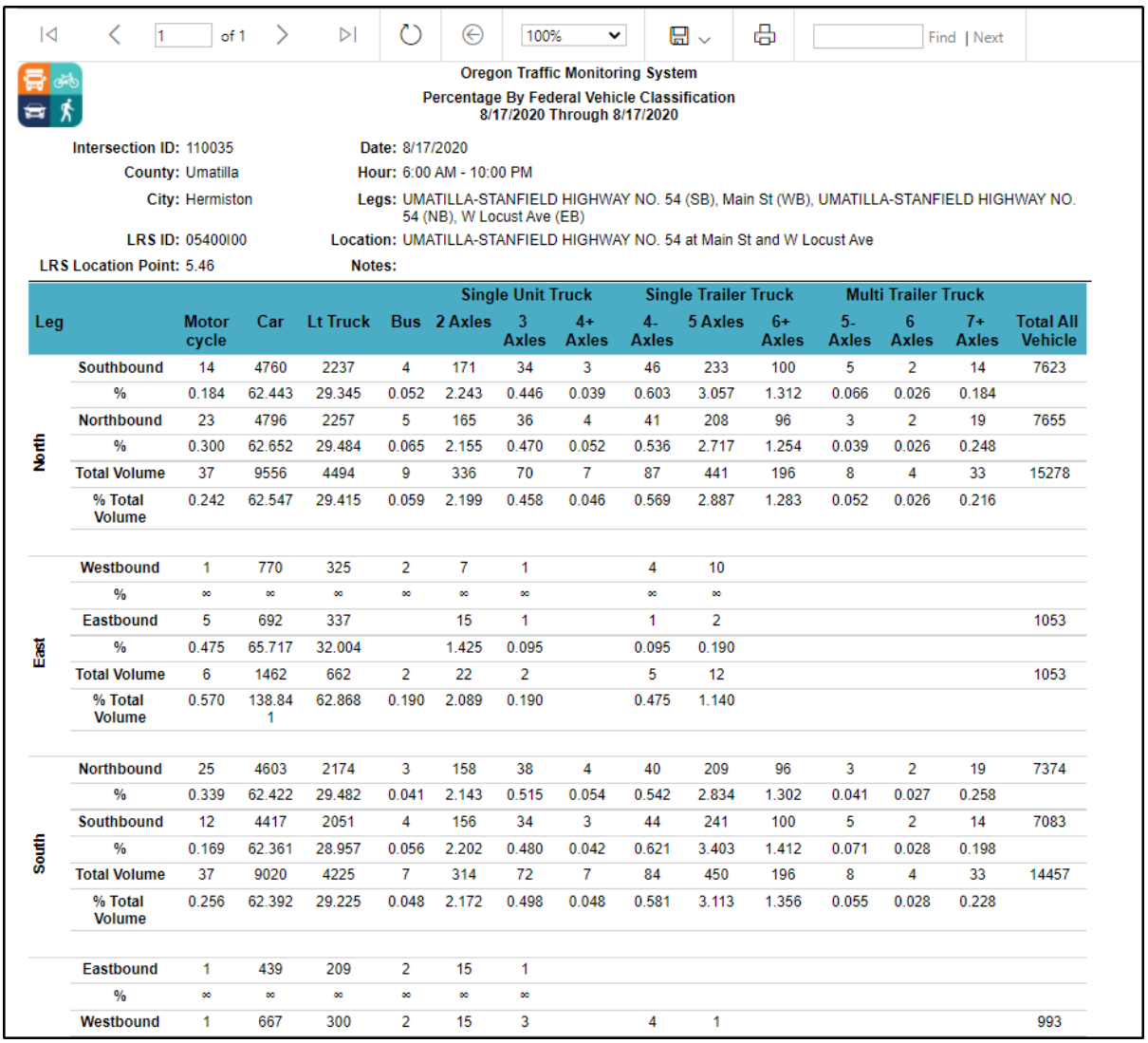
	Sgl. Unit Truck & Bus	Multi Unit Truck	Total All Vehicles	Leg
E	1	1	88	East
%	1.136	1.136	100	
W	1	2	106	
%	0.943	0.943	100	
Total Volume	2	3	194	
% of Total	1.031	1.546	100	
N	18	33	694	North
%	2.594	4.755	100	
S	15	31	711	
%	2.110	4.641	100	
Total Volume	33	64	1405	
% of Total	2.349	4.555	100	
S	16	31	675	South
%	2.370	4.593	100	
N	16	32	633	
%	2.528	4.897	100	
Total Volume	32	63	1308	
% of Total	2.446	4.817	100	
W			78	West
%			100	
E	3	0	85	
%	3.529		100	
Total Volume	3	0	163	
% of Total	1.840		100	

Percentage by Federal Vehicle Classification Report

On the drop down, select Percentage by Federal Vehicle Classification Report and input the start and end dates.



The report will open in a new tab and can be downloaded in the same format as the straightaway counts.



1 of 1 100% Find | Next

Oregon Traffic Monitoring System

Percentage By Federal Vehicle Classification
8/17/2020 Through 8/17/2020

Intersection ID: 110035
County: Umatilla
City: Hermiston
LRS ID: 05400I00
LRS Location Point: 5.46

Date: 8/17/2020
Hour: 6:00 AM - 10:00 PM
Legs: UMATILLA-STANFIELD HIGHWAY NO. 54 (SB), Main St (WB), UMATILLA-STANFIELD HIGHWAY NO. 54 (NB), W Locust Ave (EB)
Location: UMATILLA-STANFIELD HIGHWAY NO. 54 at Main St and W Locust Ave
Notes:

						Single Unit Truck			Single Trailer Truck			Multi Trailer Truck			
Leg		Motor cycle	Car	Lt Truck	Bus	2 Axles	3 Axles	4+ Axles	4- Axles	5 Axles	6+ Axles	5- Axles	6 Axles	7+ Axles	Total All Vehicle
North	Southbound	14	4760	2237	4	171	34	3	46	233	100	5	2	14	7623
	%	0.184	62.443	29.345	0.052	2.243	0.446	0.039	0.603	3.057	1.312	0.066	0.026	0.184	
	Northbound	23	4796	2257	5	165	36	4	41	208	96	3	2	19	7655
	%	0.300	62.652	29.484	0.065	2.155	0.470	0.052	0.536	2.717	1.254	0.039	0.026	0.248	
	Total Volume	37	9556	4494	9	336	70	7	87	441	196	8	4	33	15278
	% Total Volume	0.242	62.547	29.415	0.059	2.199	0.458	0.046	0.569	2.887	1.283	0.052	0.026	0.216	
East	Westbound	1	770	325	2	7	1		4	10					
	%	∞	∞	∞	∞	∞	∞		∞	∞					
	Eastbound	5	692	337		15	1		1	2					1053
	%	0.475	65.717	32.004		1.425	0.095		0.095	0.190					
	Total Volume	6	1462	662	2	22	2		5	12					1053
	% Total Volume	0.570	138.841	62.868	0.190	2.089	0.190		0.475	1.140					
South	Northbound	25	4603	2174	3	158	38	4	40	209	96	3	2	19	7374
	%	0.339	62.422	29.482	0.041	2.143	0.515	0.054	0.542	2.834	1.302	0.041	0.027	0.258	
	Southbound	12	4417	2051	4	156	34	3	44	241	100	5	2	14	7083
	%	0.169	62.361	28.957	0.056	2.202	0.480	0.042	0.621	3.403	1.412	0.071	0.028	0.198	
	Total Volume	37	9020	4225	7	314	72	7	84	450	196	8	4	33	14457
	% Total Volume	0.256	62.392	29.225	0.048	2.172	0.498	0.048	0.581	3.113	1.356	0.055	0.028	0.228	
	Eastbound	1	439	209	2	15	1								
	%	∞	∞	∞	∞	∞	∞								
	Westbound	1	667	300	2	15	3		4	1					993