

PUBLIC REVIEW DRAFT APPENDIX I

2023 Regional Transportation Plan

# Performance evaluation documentation

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**Metro is the federally mandated metropolitan planning organization** designated by the governor to develop an overall transportation plan and to allocate federal funds for the region.

The Joint Policy Advisory Committee on Transportation (JPACT) is a 17-member committee that provides a forum for elected officials and representatives of agencies involved in transportation to evaluate transportation needs in the region and to make recommendations to the Metro Council. The established decision-making process assures a well-balanced regional transportation system and involves local elected officials directly in decisions that help the Metro Council develop regional transportation policies, including allocating transportation funds. JPACT serves as the MPO board for the region in a unique partnership that requires joint action with the Metro Council on all MPO decisions.

Project website: **oregonmetro.gov/rtp** 

The preparation of this report was financed in part by the U.S. Department of Transportation, Federal Highway Administration and Federal Transit Administration. The opinions, findings and conclusions expressed in this report are not necessarily those of the U.S. Department of Transportation, Federal Highway Administration and Federal Transit Administration.

## **Purpose**

This appendix contains data outputs derived from the regional travel demand model in support of the system performance evaluation conducted for the 2023 Regional Transportation Plan (RTP). Chapter 7 of the RTP reports on the system performance using this and other data. Appendix M (Regional Analysis) describes key model assumptions and methodologies used in the analysis.

## **List of System Performance Evaluation Data**

- System Performance Measures for Intra-Metropolitan Planning Area (MPA) trips
- System Performance Measures for Total Region trips (4 -county, includes Clark Co., Wa.)
- Mode Share By RTP Subarea (work and non-work person trips)
  - o Region (4 -county, includes Clark Co., Wa.)
  - Metropolitan Planning Area (MPA)
  - City of Portland (within the MPA)
  - Urban Clackamas County (within the MPA)
  - Urban Washington County (within the MPA)
  - East Multnomah County (within the MPA)
- Multimodal Travel (miles traveled)
- Auto Travel Times
- Transit Travel Times
- List of RTP Throughways that do not meet mobility policy speed threshold (under development)
  - o 2020 Base Year

o 2045 No Build

o 2030 No Build

o 2045 Constrained

- o 2030 Constrained
- Map of RTP Throughways that do not meet mobility policy speed threshold (under development) (under development)
  - o 2020 Base Year

o 2045 No Build

o 2030 No Build

o 2045 Constrained

o 2030 Constrained

Additional data and information will be added.

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# 2023 Regional Transportation Plan (RTP) Update System Performance Measures for Intra-MPA\* Trips

\* within Metropolitan Planning Area (excludes Clark County, Washington)

Preliminary draft - subject to refinement 4/12/23

		2020		2030		2030		2045		2045	
		Base		No Build		Constraine	d	No Build		Constraine	ed .
Demogra	phic Data										
1	Population	1,740,943		1,933,475		1,933,475		2,242,128		2,242,128	
	change from 2020			192,532	11.1%	192,532	11.1%	501,185	28.8%	501,185	28.8%
2	Households	693,123		794,613		794,613		950,634		950,634	
	change from 2020			101,490	14.6%	101,490	14.6%	257,511	37.2%	257,511	37.2%
3	Employment	985,260		1,050,958		1,050,958		1,210,997		1,210,997	
	change from 2020			65,698	6.7%	65,698	6.7%	225,737	22.9%	225,737	22.9%
Network									•		
1	a Total Road Miles in Network	3,723		3,726		3,754		3,726		3,789	
	change from 2020			3	0.1%	31	0.8%	3	0.1%	67	1.8%
	change from No Build					28	0.7%			64	1.7%
	b Freeway Miles	232		232		228		232		234	
	change from 2020			0	0.0%	-3	-1.4%	0	0.0%	2	0.9%
	c Arterial Miles	3,491		3,494		3,525		3,494		3,556	
	change from 2020			3	0.1%	34	1.0%	3	0.1%	65	1.9%
	change from No Build					31	0.9%			62	1.8%
2	a Total Lane Miles	5,510		5,536		5,640		5,536		5,776	
	change from 2020			26	0.5%	130	2.4%	26	0.5%	266	4.8%
	change from No Build					104	1.9%			240	4.3%
	b Freeway Lane Miles	627		634		645		634		663	
	change from 2020			6	1.0%	18	2.9%	6	1.0%	35	5.6%
	change from No Build					12	1.8%			29	4.6%
	c Arterial Lane Miles	4,883		4,903		4,995		4,903		5,113	
	change from 2020			20	0.4%	112	2.3%	20	0.4%	230	4.7%
	change from No Build					92	1.9%			211	4.3%
Travel Da	ita - Average Weekday (AWD)								<u> </u>		
1	a AWD Total Person Trips	6,270,685		7,002,412		7,015,726		8,097,302		8,109,538	
	change from 2020			731,727	11.7%	745,041	11.9%	1,826,617	29.1%	1,838,853	29.3%
	b AWD Total Work Trips (share of total person trips)	1,752,226	27.9%	1,877,707	26.8%	1,885,560	26.9%	2,181,541	26.9%	2,188,145	27.0%
	change from 2020			125,481	7.2%	133,334	7.6%	429,315	24.5%	435,919	24.9%
	c   AWD Total Non-Work Trips (share of total person trips)	4,518,459	72.1%	5,124,705	73.2%	5,130,166	73.1%	5,915,761	73.1%	5,921,394	73.0%
	change from 2020			606,246	13.4%	611,707	13.5%	1,397,302	30.9%	1,402,935	31.0%
2	AWD Total Passenger Vehicle Person Trips	5,137,489		5,713,224		5,712,964		6,556,161		6,497,665	
	change from 2020			575,735	11.2%	575,475	11.2%	1,418,672	27.6%	1,360,176	26.5%
	change from No Build					-260	0.0%			-58,496	-0.9%
3	AWD Total Passenger Vehicle Trips	3,732,280		4,124,107		4,106,244		4,731,079		4,657,264	
4	AWD Total Passenger Vehicle VMT	19,749,327		22,037,188		21,679,951		25,629,428		25,004,277	
	change from 2020			2,287,861	11.6%	1,930,624	9.8%	5,880,101	29.8%	5,254,950	26.6%
	change from No Build					-357,237.0	-1.6%			-625,151.0	-2.4%
5	AWD Passenger Vehicle VMT/Capita	11.3		11.4		11.2		11.4		11.2	
	change from 2020			0.1	0.5%	-0.1	-1.2%	0.1	0.8%	-0.2	-1.7%
	change from No Build					-0.2	-1.6%			-0.3	-2.4%
6	AWD Passenger Vehicle VMT/Employee	20.0		21.0		20.6		21.2		20.6	
	change from 2020			92.4%	4.6%	58.4%	2.9%	111.9%	5.6%	60.3%	3.0%
	change from No Build					-0.3	-1.6%			-0.5	-2.4%
7	Single Occupant Vehicle (SOV) Percent of Person Trips	43.5%		42.7%		42.4%		42.4%		41.6%	
8	Non-SOV Percent of Person Trips (shared ride, walk, bike, transit)	56.5%		57.3%		57.6%		57.6%		58.4%	



# 2023 Regional Transportation Plan (RTP) Update System Performance Measures for Intra-MPA\* Trips

\* within Metropolitan Planning Area (excludes Clark County, Washington)

Preliminary draft - subject to refinement 4/12/23

	2020	2030		2030		2045		2045	
	Base	No Bui	ld	Constraine	d	No Build		Constraine	d
9 AWD Average Trip Length (miles)	4.7	4.	7	4.7		4.8		4.8	
Passenger Vehicle Data - PM 2 Hour Peak									
1 PM 2-HR Passenger Vehicle Average Travel Time (minutes)	12.0	12.		12.3		13.1		12.7	
2 PM 2-HR Average Passenger Vehicle Travel Speed (miles per hour)	27.1	26.	2	26.4		25.1		25.7	
Passenger Vehicle Data - Midday 1 Hour									
1 MD 1-HR Passenger Vehicle Average Travel Time (minutes)	10.4	10.		10.5		11.2		11.0	
2 MD 1-HR Average Passenger Vehicle Travel Speed (miles per hour)	29.0	28.	4	28.5		27.2		27.7	
Freight Data - Average Weekday (AWD)									
1 AWD Total Truck Trips	498,275	530,06		533,254		577,760		585,723	
change from 2020		31,79	4 6.4%		7.0%	79,485	16.0%	87,448	17.6%
change from No Build				3,185	0.6%			7,963	1.4%
2 AWD Truck Average Trip Length (miles)	4.5	4.		4.7		4.9		4.9	
2   5-6p Truck Hours	1,476	1,66	4	1,674		1,929		1,935	
Freight Data - PM 2 Hour Peak	0.71		21	0.31		0.01		0.61	
1 PM 2-HR Truck Average Travel Time (minutes)	8.7	9.		9.2		9.8		9.6	
2 PM 2-HR Truck Hours	3,578	4,02	9	4,038		4,698		4,655	
Freight Data - Midday 1 Hour	1								
1 MD 1-HR Truck Average Travel Time (minutes)	9.0	9.		9.3		10.3		10.0	
2 MD 1-HR Truck Hours	4,255	4,71	8	4,691		5,515		5,424	
Transit Data									
1 AWD Total Transit Trips (originating riders)	255,159	305,96		313,925		387,950		440,270	
change from 2020		50,80	1 19.9%		23.0%	132,791	52.0%	185,111	72.5%
change from No Build				7,965	2.6%			52,320	13.5%
2 Transit Percent of Person Trips	4.1%	4.49	6	4.5%		4.8%		5.4%	
Pedestrian Data									
1 AWD Total Walk Trips (does not include walk trips to transit)	471,979	525,51	1	528,593		615,643		632,862	
change from 2020		53,53	2 11.3%	56,614	12.0%	143,664	30.4%	160,884	34.1%
change from No Build				3,082	0.6%			17,219	2.8%
2 Walk Percent of Person Trips	7.5%	7.59	6	7.5%		7.6%		7.8%	
Bicycle Data		<u> </u>				·			
1 AWD Total Bike Trips	232,420	262,53	9	265,267		313,554		317,282	
change from 2020		30,12	0 13.0%	32,848	14.1%	81,134	34.9%	84,862	36.5%
change from No Build				2,728	1.0%			3,728	1.2%
2 Bike Percent of Person Trips	3.7%	3.79	6	3.8%		3.9%		3.9%	
3 AWD Bike Miles Traveled (BMT)	732,112	850.771		869,750		1,097,199		1,108,464	
·									



# 2023 Regional Transportation Plan (RTP) Update System Performance Measures for Total Region\* Trips

\* includes Clackamas, Multnomah, Washington and Clark counties

Preliminary draft - subject to refinement 4/12/23

		2020		2030		2030		2045		2045	
		Base		No Build		Constraine	d	No Build		Constraine	d
Demograp	hic Data										
1	Population	2,384,703		2,669,698		2,669,698		3,093,854		3,093,854	
	change from 2020			284,995	12.0%	284,995	12.0%	709,151	29.7%	709,151	29.7%
2	Households	930,121		1,074,364		1,074,364		1,282,760		1,282,760	
	change from 2020			144,243	15.5%	144,243	15.5%	352,639	37.9%	352,639	37.9%
3	Employment	1,192,694		1,304,460		1,304,460		1,535,571		1,535,571	
	change from 2020			111,766	9.4%	111,766	9.4%	342,877	28.7%	342,877	28.7%
Network D	ata			<u> </u>				<u> </u>	,		
1 a	Total Road Miles in Network	7,301		7,305		7,334		7,305		7,370	
	change from 2020			3	0.0%	32	0.4%	3	0.0%	68	0.9%
	change from No Build					29	0.4%			65	0.9%
b	Freeway Miles	424		424		420		424		426	
	change from 2020			0	0.0%	-3	-0.8%	0	0.0%	2	0.5%
С	Arterial Miles	6,878		6,881		6,913		6,881		6,944	
	change from 2020			3	0.0%	35	0.5%	3	0.0%	66	1.0%
	change from No Build					32	0.5%			63	0.9%
2 a	Total Lane Miles	9,944		9,970		10,078		9,970		10,220	
	change from 2020			26	0.3%	134	1.3%	26	0.3%	277	2.8%
	change from No Build					108	1.1%			251	2.5%
b	Freeway Lane Miles	1,062		1,068		1,080		1,068		1,103	
	change from 2020			6	0.6%	18	1.7%	6	0.6%	42	3.9%
	change from No Build					12	1.1%			35	3.3%
С	Arterial Lane Miles	8,882		8,902		8,998		8,902		9,117	
	change from 2020			20	0.2%	116	1.3%	20	0.2%	235	2.6%
	change from No Build					96	1.1%			215	2.4%
<b>Travel Data</b>	a - Average Weekday (AWD)								,		
1 a	AWD Total Person Trips	8,531,494		9,677,219		9,677,316		11,270,650		11,270,675	
	change from 2020			1,145,725	13.4%	1,145,822	13.4%	2,739,156	32.1%	2,739,181	32.1%
b	AWD Total Work Trips (share of total person trips)	2,372,886	27.8%	2,596,099	26.8%	2,596,123	26.8%	3,057,861	27.1%	3,057,844	27.1%
	change from 2020			223,213	9.4%	223,237	9.4%	684,975	28.9%	684,958	28.9%
С	AWD Total Non-Work Trips (share of total person trips)	6,158,608	72.2%	7,081,120	73.2%	7,081,193	73.2%	8,212,788	72.9%	8,212,831	72.9%
	change from 2020			922,512	15.0%	922,585	15.0%	2,054,180	33.4%	2,054,223	33.4%
2	AWD Total Passenger Vehicle Person Trips	7,104,367		8,042,864		8,024,566		9,336,340		9,251,239	
	change from 2020			938,497	13.2%	920,199	13.0%	2,231,973	31.4%	2,146,872	30.2%
	change from No Build					-18,298	-0.2%			-85,101	-0.9%
3	AWD Total Passenger Vehicle Trips	5,168,543		5,822,519		5,775,902		6,768,858		6,655,017	
4	AWD Total Passenger Vehicle VMT	31,259,654		35,365,580		34,506,383		41,079,158		39,868,064	
	change from 2020			4,105,926	13.1%	3,246,729	10.4%	9,819,504	31.4%	8,608,410	27.5%
	change from No Build					-859,197.0	-2.4%			-1,211,094.0	-2.9%
5	AWD Passenger Vehicle VMT/Capita	13.1		13.2		12.9		13.3		12.9	
	change from 2020			0.1	1.1%	-0.2	-1.4%	0.2	1.3%	-0.2	-1.7%
	change from No Build					-0.3	-2.4%			-0.4	-2.9%
6	AWD Passenger Vehicle VMT/Employee	26.2		27.1		26.5		26.8		26.0	
	change from 2020			90.2%	3.4%	24.3%	0.9%	54.2%	2.1%	-24.6%	-0.9%
	change from No Build					-0.7	-2.4%			-0.8	-2.9%
7	Single Occupant Vehicle (SOV) Percent of Person Trips	44.3%		43.7%		43.2%		43.7%		42.8%	



# 2023 Regional Transportation Plan (RTP) Update System Performance Measures for Total Region\* Trips

\* includes Clackamas, Multnomah, Washington and Clark counties

Preliminary draft - subject to refinement

4/12/23

		2020	2030		2030		2045		2045	
		Base	No Build		Constrained	d	No Build		Constraine	d
8	Non-SOV Percent of Person Trips (shared ride, walk, bike, transit)	55.7%	56.3%		56.8%		56.3%		57.2%	
9	AWD Average Trip Length (miles)	5.3	5.3		5.3		5.3		5.3	
Passenge	r Vehicle Data - PM 2 Hour Peak						·	•	<u> </u>	
1	PM 2-HR Passenger Vehicle Average Travel Time (minutes)	13.8	14.2		13.8		14.7		14.2	
2	PM 2-HR Average Passenger Vehicle Travel Speed (miles per hour)	30.8	29.8		30.4		28.6		29.5	
5	PM 2-HR Passenger Vehicle Hours	178,309	207,947		199,552		246,836		234,504	
Passenge	r Vehicle Data - Midday 1 Hour									
1	MD 1-HR Passenger Vehicle Average Travel Time (minutes)	11.8	12.1		11.9		12.6		12.2	
2	MD 1-HR Average Passenger Vehicle Travel Speed (miles per hour)	32.5	31.9		32.2		30.5		31.3	
5	MD 1-HR Passenger Vehicle Hours	63,046	72,792		70,634		88,166		84,132	
Freight D	ata - Average Weekday (AWD)									
1	AWD Total Truck Trips	736,537	805,854		809,918		909,829		919,990	
	change from 2020		69,317	9.4%	73,381	10.0%	173,292	23.5%	183,453	24.9%
	change from No Build				4,064	0.5%			10,161	1.1%
2	AWD Truck Average Trip Length (miles)	8.2	8.5		8.5		8.8		8.8	
2	5-6p Truck Hours	3,244	3,742		3,742		4,490		4,462	
Freight D	ata - PM 2 Hour Peak	12.9	 13.8		42.71		15.0		14.6	
1	PM 2-HR Truck Average Travel Time (minutes)				13.7				10.763	
2	PM 2-HR Truck Hours	7,756	9,013		8,966		10,990		10,763	
Freight L	ata - Midday 1 Hour		 							
1	MD 1-HR Truck Average Travel Time (minutes)	12.1	12.8		12.5		13.8		13.3	
2	MD 1-HR Truck Hours	7,929	8,985		8,855		10,796		10,472	
1	1pm - 3pm Truck Hours	14,813	16,890		16,815		20,764		20,419	
	change from 2020		2,077	14.0%	2,001	13.5%	5,951	40.2%	5,605	37.8%
Transit D			 							
1	AWD Total Transit Trips (originating riders)	277,691	340,740		352,042		427,295		492,601	
	change from 2020		63,049	22.7%	74,351	26.8%	149,605	53.9%	214,910	77.4%
	change from No Build				11,302	3.3%			65,306	15.3%
2	Transit Percent of Person Trips	3.3%	3.5%		3.6%		3.8%		4.4%	
Pedestria	ın Data									
1	AWD Total Walk Trips (does not include walk trips to transit)	610,182	683,047		686,687		795,944		816,932	
	change from 2020		72,865	11.9%	76,506	12.5%	185,762	30.4%	206,750	33.9%
	change from No Build				3,640	0.5%			20,988	2.6%
2	Walk Percent of Person Trips	7.2%	7.1%		7.1%		7.1%		7.2%	
Bicycle D	ata					•				
1	AWD Total Bike Trips	261,206	295,132		299,103		352,915		358,100	
	change from 2020	·	33,926	13.0%	37,897	14.5%	91,709	35.1%	96,894	37.1%
	change from No Build				3,972	1.3%			5,184	1.5%
2	Bike Percent of Person Trips	3.1%	3.0%		3.1%		3.1%		3.2%	
3	AWD Bike Miles Traveled (BMT)	852,085	987,529		1,020,384		1,271,793		1,295,897	
4	AWD BMT/Capita	0.36	0.37		0.38		0.41		0.42	

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AWD	Trips	by	Mode -	Region

	2020 E	Base	2030 No	Build	2030 Cons	trained	2045 No	Build	2045 Cons	trained
	trips	share	trips	share	trips	share	trips	share	trips	share
Drive Alone	3,780,051	44.3%	4,227,062	43.7%	4,185,101	43.2%	4,925,126	43.7%	4,824,465	42.8%
work	1,655,272	69.8%	1,795,513	69.2%	1,771,301	68.2%	2,098,064	68.6%	2,044,888	66.9%
non-work	2,124,779	34.5%	2,431,549	34.3%	2,413,800	34.1%	2,827,062	34.4%	2,779,577	33.8%
Shared Ride	3,324,315	39.0%	3,815,802	39.4%	3,839,466	39.7%	4,411,213	39.1%	4,426,773	39.3%
work	291,625	12.3%	322,686	12.4%	334,282	12.9%	379,502	12.4%	393,520	12.9%
non-work	3,032,690	49.2%	3,493,116	49.3%	3,505,184	49.5%	4,031,711	49.1%	4,033,253	49.1%
Transit	277,691	3.3%	340,740	3.5%	352,042	3.6%	427,295	3.8%	492,601	4.4%
work	143,681	6.1%	169,988	6.5%	177,799	6.8%	209,504	6.9%	241,782	7.9%
non-work	134,010	2.2%	170,752	2.4%	174,243	2.5%	217,792	2.7%	250,819	3.1%
Walk	610,182	7.2%	683,047	7.1%	686,687	7.1%	795,944	7.1%	816,932	7.2%
work	175,338	7.4%	188,571	7.3%	190,549	7.3%	222,488	7.3%	228,873	7.5%
non-work	434,844	7.1%	494,476	7.0%	496,139	7.0%	573,456	7.0%	588,059	7.2%
Bike	261,206	3.1%	295,132	3.0%	299,103	3.1%	352,915	3.1%	358,100	3.2%
work	106,970	4.5%	119,341	4.6%	122,193	4.7%	148,304	4.8%	148,781	4.9%
non-work	154,236	2.5%	175,791	2.5%	176,910	2.5%	204,611	2.5%	209,319	2.5%
School Bus	311,922	3.7%	353,849	3.7%	353,908	3.7%	399,401	3.5%	399,604	3.5%
Total Person Trips	8,531,494		9,677,219		9,677,316		11,270,650		11,270,675	
Total Work Trips	2,372,886		2,596,099		2,596,123		3,057,861		3,057,844	
Total Non-Work Trips	6,158,608		7,081,120		7,081,193		8,212,788		8,212,831	
Non-SOV trips*	4,473,394	54.2%	5,134,720	54.8%	5,177,298	55.3%	5,987,367	54.9%	6,094,405	55.8%
Bike + Walk + Transit*	1,149,079	13.9%	1,318,918	14.1%	1,337,832	14.3%	1,576,154	14.4%	1,667,632	15.3%
% PM-2hr Work Trips		37.6%		36.4%		36.4%		36.8%		36.8%
% PM-2hr Non-Work Trips		62.4%		63.6%		63.6%		63.2%		63.2%

<sup>\*</sup>Does not include School Bus trips in calculations

#### AWD Trips by Mode - MPA

,	2020 E	Base	2030 No	Build	2030 Cons	trained	2045 No	Build	2045 Cons	trained
	trips	share	trips	share	trips	share	trips	share	trips	share
Drive Alone	2,728,519	43.5%	2,989,337	42.7%	2,974,298	42.4%	3,433,532	42.4%	3,372,669	41.6%
work	1,180,317	67.4%	1,246,842	66.4%	1,241,207	65.8%	1,427,343	65.4%	1,400,442	64.0%
non-work	1,548,202	34.3%	1,742,495	34.0%	1,733,091	33.8%	2,006,189	33.9%	1,972,227	33.3%
Shared Ride	2,408,970	38.4%	2,723,887	38.9%	2,738,666	39.0%	3,122,629	38.6%	3,124,995	38.5%
work	205,673	11.7%	223,374	11.9%	228,135	12.1%	259,154	11.9%	263,870	12.1%
non-work	2,203,298	48.8%	2,500,513	48.8%	2,510,531	48.9%	2,863,475	48.4%	2,861,126	48.3%
Transit	255,159	4.1%	305,960	4.4%	313,925	4.5%	387,950	4.8%	440,270	5.4%
work	125,559	7.2%	146,874	7.8%	152,218	8.1%	183,353	8.4%	207,033	9.5%
non-work	129,601	2.9%	159,086	3.1%	161,707	7 3.2%	204,597	3.5%	233,237	3.9%
Walk	471,979	7.5%	525,511	7.5%	528,593	7.5%	615,643	7.6%	632,862	7.8%
work	145,235	8.3%	154,538	8.2%	156,150	8.3%	180,469	8.3%	186,009	8.5%
non-work	326,744	7.2%	370,973	7.2%	372,443	7.3%	435,174	7.4%	446,853	7.5%
Bike	232,420	3.7%	262,539	3.7%	265,267	3.8%	313,554	3.9%	317,282	3.9%
work	95,443	5.4%	106,080	5.6%	107,850	5.7%	131,222	6.0%	130,791	6.0%
non-work	136,977	3.0%	156,460	3.1%	157,418	3.1%	182,332	3.1%	186,491	3.1%
School Bus	202,825	3.2%	229,275	3.3%	229,338	3.3%	260,210	3.2%	260,415	3.2%
Total Person Trips	6,270,685		7,002,412		7,015,726		8,097,302		8,109,538	
Total Work Trips	1,752,226		1,877,707		1,885,560		2,181,541		2,188,145	
Total Non-Work Trips	4,518,459		5,124,705		5,130,166		5,915,761		5,921,394	
Non-SOV trips*	3,368,528	55.2%	3,817,897	56.1%	3,846,451	56.4%	4,439,776	56.4%	4,515,409	57.2%
Bike + Walk + Transit*	959,558	15.7%	1,094,010	16.1%	1,107,785	16.2%	1,317,147	16.7%	1,390,414	17.6%
% PM-2hr Work Trips		37.7%		36.4%		36.5%		36.6%		36.6%
% PM-2hr Non-Work Trips		62.3%		63.6%		63.5%		63.4%		63.4%

<sup>\*</sup>Does not include School Bus trips in calculations

#### AWD Trips by Mode - City of Portland

	2020 E	Base	2030 No	Build	2030 Cons	trained	2045 No	Build	2045 Cons	trained
	trips	share	trips	share	trips	share	trips	share	trips	share
Drive Alone	831,044	37.7%	864,195	37.0%	864,565	36.9%	906,881	35.6%	893,809	35.0%
work	331,824	54.3%	332,878	53.2%	333,869	52.8%	345,363	50.1%	340,590	49.1%
non-work	499,220	31.4%	531,316	31.1%	530,696	31.0%	561,518	30.3%	553,219	29.8%
Shared Ride	779,389	35.4%	824,203	35.3%	827,953	35.3%	870,590	34.2%	865,808	33.9%
work	62,608	10.2%	64,359	10.3%	65,187	10.3%	68,942	10.0%	68,679	9.9%
non-work	716,781	45.1%	759,844	44.4%	762,765	44.5%	801,649	43.2%	797,129	42.9%
Transit	154,020	7.0%	173,908	7.4%	176,264	7.5%	225,630	8.9%	247,655	9.7%
work	67,597	11.1%	71,220	11.4%	72,992	11.6%	90,958	13.2%	99,781	14.4%
non-work	86,423	5.4%	102,687	6.0%	103,271	6.0%	134,671	7.3%	147,874	8.0%
Walk	256,207	11.6%	277,907	11.9%	280,285	11.9%	321,073	12.6%	325,726	12.8%
work	87,876	14.4%	92,096	14.7%	93,346	14.8%	107,029	15.5%	108,778	15.7%
non-work	168,331	10.6%	185,811	10.9%	186,938	10.9%	214,044	11.5%	216,948	11.7%
Bike	156,427	7.1%	171,385	7.3%	172,865	7.4%	198,224	7.8%	198,132	7.8%
work	61,239	10.0%	65,619	10.5%	66,416	10.5%	77,440	11.2%	76,330	11.0%
non-work	95,188	6.0%	105,766	6.2%	106,449	6.2%	120,784	6.5%	121,802	6.6%
School Bus	36,214	1.6%	36,236	1.6%	36,167	1.5%	36,048	1.4%	35,915	1.4%
Total Person Trips	2,202,047		2,336,043		2,346,157		2,545,551		2,553,603	
Total Work Trips	611,144		626,173		631,811		689,733		694,158	
Total Non-Work Trips	1,590,903		1,709,870		1,714,346		1,855,818		1,859,444	
Non-SOV trips*	1,346,043	61.8%	1,447,402	62.6%	1,457,366	62.8%	1,615,517	64.0%	1,637,321	64.7%
Bike + Walk + Transit*	566,654	26.0%	623,200	27.0%	629,413	27.1%	744,927	29.5%	771,513	30.5%
% PM-2hr Work Trips		37.5%		36.4%		36.5%		36.7%		36.8%
% PM-2hr Non-Work Trips		62.5%		63.6%		63.5%		63.3%		63.2%

<sup>\*</sup>Does not include School Bus trips in calculations

#### AWD Trips by Mode - Urban Clackamas County

	2020 E	Base	2030 No	Build	2030 Cons	trained	2045 No	Build	2045 Cons	trained
	trips	share	trips	share	trips	share	trips	share	trips	share
Drive Alone	268,575	43.3%	302,943	42.3%	301,053	42.0%	411,028	42.3%	403,961	41.6%
work	101,705	74.0%	108,073	72.9%	107,607	72.4%	141,845	73.8%	139,604	72.5%
non-work	166,870	34.6%	194,870	34.3%	193,446	34.0%	269,183	34.5%	264,357	33.9%
Shared Ride	244,135	39.4%	286,775	40.0%	288,424	40.2%	392,207	40.4%	392,301	40.4%
work	15,843	11.5%	17,208	11.6%	17,674	11.9%	22,402	11.7%	23,086	12.0%
non-work	228,292	47.3%	269,567	47.4%	270,750	47.7%	369,805	47.4%	369,215	47.4%
Transit	4,492	0.7%	6,162	0.9%	6,251	0.9%	6,919	0.7%	8,481	0.9%
work	1,651	1.2%	2,448	1.7%	2,532	1.7%	2,593	1.3%	3,099	1.6%
non-work	2,841	0.6%	3,714	0.7%	3,719	0.7%	4,326	0.6%	5,382	0.7%
Walk	57,471	9.3%	67,793	9.5%	68,332	9.5%	86,975	8.9%	91,264	9.4%
work	14,323	10.4%	15,873	10.7%	16,079	10.8%	19,251	10.0%	20,249	10.5%
non-work	43,149	8.9%	51,920	9.1%	52,253	9.2%	67,723	8.7%	71,015	9.1%
Bike	11,028	1.8%	13,336	1.9%	13,602	1.9%	17,704	1.8%	18,769	1.9%
work	3,906	2.8%	4,545	3.1%	4,728	3.2%	6,067	3.2%	6,418	3.3%
non-work	7,122	1.5%	8,791	1.5%	8,875	1.6%	11,637	1.5%	12,351	1.6%
School Bus	37,862	6.1%	43,850	6.1%	43,622	6.1%	61,600	6.3%	61,284	6.3%
Total Person Trips	619,852		716,329		716,797		971,925		971,574	
Total Work Trips	137,428		148,148		148,621		192,158		192,456	
Total Non-Work Trips	482,424		568,181		568,176		779,768		779,117	
Non-SOV trips*	317,126	54.1%	374,067	55.3%	376,609	55.6%	503,805	55.1%	510,815	55.8%
Bike + Walk + Transit*	72,991	12.5%	87,291	12.9%	88,186	13.0%	111,597	12.2%	118,514	13.0%
% PM-2hr Work Trips		30.8%		28.9%		29.0%		27.8%		27.8%
% PM-2hr Non-Work Trips		69.2%		71.1%		71.0%		72.2%		72.2%

<sup>\*</sup>Does not include School Bus trips in calculations

#### AWD Trips by Mode - Urban Washington County

	2020 B	ase	2030 No	Build	2030 Cons	trained	2045 No	Build	2045 Cons	trained
	trips	share	trips	share	trips	share	trips	share	trips	share
Drive Alone	764,161	45.4%	872,891	44.3%	874,566	44.3%	995,695	44.6%	984,717	44.2%
work	320,998	74.7%	351,838	73.4%	352,745	73.3%	407,037	73.4%	401,898	72.5%
non-work	443,164	35.4%	521,053	35.0%	521,821	34.9%	588,657	35.1%	582,819	34.8%
Shared Ride	658,958	39.2%	785,773	39.9%	787,785	39.9%	885,124	39.7%	882,259	39.6%
work	50,879	11.8%	57,406	12.0%	57,688	12.0%	66,924	12.1%	66,918	12.1%
non-work	608,079	48.6%	728,368	48.9%	730,096	48.9%	818,200	48.8%	815,341	48.7%
Transit	17,048	1.0%	31,466	1.6%	32,006	1.6%	36,437	1.6%	40,680	1.8%
work	7,574	1.8%	15,122	3.2%	15,649	3.2%	16,589	3.0%	18,614	3.4%
non-work	9,474	0.8%	16,344	1.1%	16,357	1.1%	19,848	1.2%	22,065	1.3%
Walk	126,360	7.5%	143,479	7.3%	143,587	7.3%	164,586	7.4%	171,425	7.7%
work	36,475	8.5%	39,108	8.2%	39,222	8.1%	45,121	8.1%	47,529	8.6%
non-work	89,886	7.2%	104,371	7.0%	104,365	7.0%	119,465	7.1%	123,896	7.4%
Bike	34,217	2.0%	40,788	2.1%	40,812	2.1%	47,807	2.1%	49,666	2.2%
work	14,063	3.3%	16,196	3.4%	16,214	3.4%	19,161	3.5%	19,519	3.5%
non-work	20,153	1.6%	24,592	1.6%	24,598	1.6%	28,645	1.7%	30,147	1.8%
School Bus	90,219	5.4%	106,990	5.4%	106,967	5.4%	113,273	5.1%	113,157	5.1%
Total Person Trips	1,682,347		1,970,360		1,974,590		2,231,626		2,229,609	
Total Work Trips	429,988		479,670		481,518		554,832		554,478	
Total Non-Work Trips	1,252,359		1,490,689		1,493,072		1,676,794		1,675,132	
Non-SOV trips*	836,583	52.3%	1,001,506	53.4%	1,004,189	53.4%	1,133,953	53.2%	1,144,029	53.7%
Bike + Walk + Transit*	177,625	11.1%	215,732	11.5%	216,405	11.5%	248,829	11.7%	261,770	12.3%
% PM-2hr Work Trips		34.9%		33.5%		33.5%		34.1%		34.1%
% PM-2hr Non-Work Trips		65.1%		66.5%		66.5%		65.9%		65.9%

<sup>\*</sup>Does not include School Bus trips in calculations

## AWD Trips by Mode - East Multnomah County

	2020 E	Base	2030 No	Build	2030 Cons	trained	2045 No	Build	2045 Cons	trained
	trips	share	trips	share	trips	share	trips	share	trips	share
Drive Alone	123,462	40.9%	137,984	40.6%	138,126	40.6%	165,322	41.5%	163,500	41.2%
work	39,762	73.1%	44,193	70.7%	44,396	70.8%	55,897	71.7%	55,413	71.1%
non-work	83,700	33.9%	93,791	33.8%	93,730	33.8%	109,425	34.1%	108,087	33.9%
Shared Ride	120,839	40.1%	138,305	40.6%	138,226	40.6%	160,807	40.3%	159,414	40.1%
work	6,075	11.2%	7,081	11.3%	7,126	11.4%	9,045	11.6%	9,021	11.6%
non-work	114,765	46.4%	131,224	47.2%	131,100	47.2%	151,761	47.3%	150,393	47.1%
Transit	3,345	1.1%	5,639	1.7%	5,504	1.6%	5,548	1.4%	6,299	1.6%
work	1,113	2.0%	2,617	4.2%	2,565	4.1%	2,342	3.0%	2,560	3.3%
non-work	2,232	0.9%	3,022	1.1%	2,938	1.1%	3,206	1.0%	3,739	1.2%
Walk	26,612	8.8%	30,292	8.9%	30,314	8.9%	35,255	8.8%	36,166	9.1%
work	5,228	9.6%	6,059	9.7%	6,085	9.7%	7,408	9.5%	7,638	9.8%
non-work	21,384	8.6%	24,233	8.7%	24,229	8.7%	27,847	8.7%	28,528	8.9%
Bike	8,150	2.7%	9,543	2.8%	9,550	2.8%	11,117	2.8%	11,415	2.9%
work	2,179	4.0%	2,561	4.1%	2,573	4.1%	3,229	4.1%	3,271	4.2%
non-work	5,971	2.4%	6,983	2.5%	6,978	2.5%	7,889	2.5%	8,144	2.6%
School Bus	20,485	6.8%	21,491	6.3%	21,405	6.3%	23,454	5.9%	23,337	5.9%
Total Person Trips	301,617		340,277		340,222		398,702		397,180	
Total Work Trips	54,357		62,512		62,746		77,920		77,903	
Total Non-Work Trips	247,259		277,765		277,477		320,782		319,278	
Non-SOV trips*	158,946	56.3%	183,780	57.1%	183,594	57.1%	212,726	56.3%	213,293	56.6%
Bike + Walk + Transit*	38,107	13.5%	45,475	14.1%	45,368	14.1%	51,920	13.7%	53,880	14.3%
% PM-2hr Work Trips		25.6%	•	26.0%		26.1%		27.5%	•	27.6%
% PM-2hr Non-Work Trips		74.4%		74.0%		73.9%		72.5%		72.4%
*Dees not include Cahool Bus	Autor to ante									

<sup>\*</sup>Does not include School Bus trips in calculations

Totals are for trips that begin and end within defined area

# Totals are for trips that begin and end within defined area

**Multimodal Travel** 

		Regio	n - Total					Region - <sub>I</sub>	per Capita		
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	45,090,743	51,448,246	51,198,532	60,069,320	60,127,883	Person Miles Traveled (PMT)	18.9	19.3	19.2	19.4	19.4
Vehicle Miles Traveled (VMT)	31,259,654	35,365,580	34,506,383	41,079,158	39,868,064	Vehicle Miles Traveled (VMT)	13.1	13.2	12.9	13.3	12.9
Bicycle Miles Traveled (BMT)	852,085	987,529	1,020,384	1,271,793	1,295,897	Bicycle Miles Traveled (BMT)	0.4	0.4	0.4	0.4	0.4
<b>Pedestrian Miles Traveled</b>	342,232	382,573	384,569	442,461	454,437	Pedestrian Miles Traveled	0.1	0.1	0.1	0.1	0.1
Freight Miles Traveled	6,067,191	6,853,236	6,884,216	8,033,130	8,110,556	Freight Miles Traveled	2.5	2.6	2.6	2.6	2.6
<b>Transit Miles Traveled</b>	1,922,302	2,316,600	2,481,834	2,922,604	3,529,649	Transit Miles Traveled	0.8	0.9	0.9	0.9	1.1
			- Total					•	er Capita		
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	29,272,160	32,985,175	32,959,395	38,704,987	38,874,972	Person Miles Traveled (PMT)	16.8	17.1	17.0	17.3	17.3
Vehicle Miles Traveled (VMT)	19,749,327	22,037,188	21,679,951	25,629,428	25,004,277	Vehicle Miles Traveled (VMT)	11.3	11.4	11.2	11.4	11.2
Bicycle Miles Traveled (BMT)	732,112	850,771	869,750	1,097,199	1,108,464	Bicycle Miles Traveled (BMT)	0.42	0.44	0.45	0.49	0.49
Pedestrian Miles Traveled	270,171	300,689	302,390	349,134	359,001	Pedestrian Miles Traveled	0.16	0.16	0.16	0.16	0.16
Freight Miles Traveled	2,264,335	2,491,115	2,508,933	2,831,693	2,876,636	Freight Miles Traveled	1.3	1.3	1.3	1.3	1.3
Transit Miles Traveled	1,668,051	1,962,112	2,066,577	2,498,880	2,951,572	Transit Miles Traveled	1.0	1.0	1.1	1.1	1.3
		61. 65	alorato was t					ou to d			
	2022 5	· · · · · · · · · · · · · · · · · · ·	rtland - Total	2045 11 - 11 :	2045.6		2022 5	•	nd - per Capita	2045 11 5 11 1	2045.6
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	6,827,437	7,186,642	7,210,966	7,760,824	7,806,922	Person Miles Traveled (PMT)	9.8	9.9	9.9	9.9	10.0
Vehicle Miles Traveled (VMT)	4,086,772	4,243,113	4,220,755	4,428,009	4,351,391	Vehicle Miles Traveled (VMT)	5.9	5.9	5.8	5.7	5.6
Bicycle Miles Traveled (BMT)	410,208	447,694	453,168	523,153	520,171	Bicycle Miles Traveled (BMT)	0.6	0.6	0.6	0.7	0.7
Pedestrian Miles Traveled	147,177	160,115	161,380	185,647	188,216	Pedestrian Miles Traveled	0.2	0.2	0.2	0.2	0.2
Freight Miles Traveled	534,505	563,120	566,097	606,099	613,377	Freight Miles Traveled	0.8	0.8	0.8	0.8	0.8
Transit Miles Traveled	656,126	723,441	744,759	920,818	1,037,667	Transit Miles Traveled	0.9	1.0	1.0	1.2	1.3
			nas County - Total						County - per Capita		
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	1,873,179	2,172,167	2,152,168	3,078,772	3,070,785	Person Miles Traveled (PMT)	6.1	6.1	6.1	6.3	6.2
Vehicle Miles Traveled (VMT)	1,326,787	1,522,173	1,483,470	2,162,897	2,106,190	Vehicle Miles Traveled (VMT)	4.3	4.3	4.2	4.4	4.3
Bicycle Miles Traveled (BMT)	27,332	33,880	35,595	48,587	53,332	Bicycle Miles Traveled (BMT)	0.1	0.1	0.1	0.1	0.1
Pedestrian Miles Traveled	28,938	2/1167	34,473	42,781	15 NO6	Dodoctrian Milac Travalad		<u>.</u> .			0.1
Freight Miles Traveled		34,162			45,096	Pedestrian Miles Traveled	0.1	0.1	0.1	0.1	
Transit Miles Traveled	94,351	102,156	104,684	113,829	120,324	Freight Miles Traveled	0.3	0.3	0.3	0.2	0.2
	94,351 21,815										0.2 0.1
		102,156 27,420	104,684 29,036	113,829	120,324	Freight Miles Traveled	0.3	0.3 0.1	0.3 0.1	0.2	
	21,815	102,156 27,420 Urban Washing	104,684 29,036 ton County - Total	113,829 32,038	120,324 41,451	Freight Miles Traveled	0.3 0.1	0.3 0.1 Urban Washington	0.3 0.1 County - per Capita	0.2 0.1	0.1
	21,815 <b>2020 Base</b>	102,156 27,420 Urban Washing 2030 No Build	104,684 29,036 ton County - Total 2030 Constrained	113,829 32,038 <b>2045 No Build</b>	120,324 41,451 2045 Constrained	Freight Miles Traveled Transit Miles Traveled	0.3 0.1 <b>2020 Base</b>	0.3 0.1 Urban Washington 2030 No Build	0.3 0.1 County - per Capita 2030 Constrained	0.2 0.1 <b>2045 No Build</b>	0.1  2045 Constrained
Person Miles Traveled (PMT)	21,815 2020 Base 5,549,276	102,156 27,420 Urban Washing 2030 No Build 6,726,366	104,684 29,036 ton County - Total 2030 Constrained 6,749,636	113,829 32,038 <b>2045 No Build</b> 7,758,766	120,324 41,451 <b>2045 Constrained</b> 7,789,251	Freight Miles Traveled Transit Miles Traveled Person Miles Traveled (PMT)	0.3 0.1 <b>2020 Base</b> 9.6	0.3 0.1 Urban Washington 2030 No Build 9.9	0.3 0.1 County - per Capita 2030 Constrained 10.0	0.2 0.1 <b>2045 No Build</b> 10.2	0.1  2045 Constrained 10.2
Vehicle Miles Traveled (VMT)	21,815  2020 Base 5,549,276 3,935,608	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570	113,829 32,038 2045 No Build 7,758,766 5,447,245	120,324 41,451 <b>2045 Constrained</b> 7,789,251 5,422,206	Freight Miles Traveled Transit Miles Traveled  Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT)	0.3 0.1 <b>2020 Base</b> 9.6 6.8	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9	0.3 0.1 County - per Capita 2030 Constrained 10.0 7.0	0.2 0.1 <b>2045 No Build</b> 10.2 7.1	0.1  2045 Constrained  10.2  7.1
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT)	21,815  2020 Base 5,549,276 3,935,608 94,982	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424	Freight Miles Traveled Transit Miles Traveled  Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT)	0.3 0.1 <b>2020 Base</b> 9.6 6.8 0.2	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2	0.3 0.1 County - per Capita 2030 Constrained 10.0 7.0 0.2	0.2 0.1 2045 No Build 10.2 7.1 0.2	0.1  2045 Constrained 10.2 7.1 0.2
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled	0.3 0.1 <b>2020 Base</b> 9.6 6.8 0.2 0.1	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2 0.1	0.3 0.1 County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1	0.1  2045 Constrained 10.2 7.1 0.2 0.1
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2 0.1	0.3 0.1 County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled	0.3 0.1 <b>2020 Base</b> 9.6 6.8 0.2 0.1	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2 0.1	0.3 0.1 County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1	0.1  2045 Constrained 10.2 7.1 0.2 0.1
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684	102,156 27,420 <b>Urban Washing</b> <b>2030 No Build</b> 6,726,366 4,708,346 118,106 81,013 343,919 156,501	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2	0.3 0.1 County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663	120,324 41,451 <b>2045 Constrained</b> 7,789,251 5,422,206 149,424 95,025 408,594 212,822	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2	0.3 0.1  County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2  County - per Capita	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5  0.3
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848  2020 Base	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma 2030 No Build	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677 ah County - Total 2030 Constrained	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594 212,822	Person Miles Traveled Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5 0.2	0.3 0.1 Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2 East Multnomah (2030 No Build	0.3 0.1  County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2  County - per Capita 2030 Constrained	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5 0.2	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5  0.3
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled Person Miles Traveled (PMT)	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848  2020 Base 612,733	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma 2030 No Build 706,333	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677 ah County - Total 2030 Constrained 706,310	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663 2045 No Build 874,246	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594 212,822 2045 Constrained 872,602	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5 0.2	0.3 0.1  Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2  East Multnomah (2030 No Build) 4.4	0.3 0.1  County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2  County - per Capita 2030 Constrained 4.4	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5 0.2 2045 No Build 4.8	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5  0.3  2045 Constrained  4.8
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled  Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT)	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848  2020 Base 612,733 408,943	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma 2030 No Build 706,333 469,745	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677 ah County - Total 2030 Constrained 706,310 469,945	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663 2045 No Build 874,246 590,433	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594 212,822 2045 Constrained 872,602 586,155	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT)	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5 0.2	0.3 0.1  Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2  East Multnomah (2030 No Build 4.4 2.9	0.3	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5 0.2 2045 No Build 4.8 3.2	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5  0.3  2045 Constrained  4.8  3.2
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled  Person Miles Traveled (PMT) Vehicle Miles Traveled (BMT) Bicycle Miles Traveled (BMT)	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848  2020 Base 612,733 408,943 16,938	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma 2030 No Build 706,333 469,745 20,328	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677 ah County - Total 2030 Constrained 706,310 469,945 20,343	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663 2045 No Build 874,246 590,433 24,239	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594 212,822 2045 Constrained 872,602 586,155 24,933	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled Vehicle Miles Traveled Transit Miles Traveled Transit Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5 0.2 2020 Base 4.0 2.7 0.1	0.3 0.1  Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2  East Multnomah C 2030 No Build 4.4 2.9 0.1	0.3 0.1  County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2  County - per Capita 2030 Constrained 4.4 2.9 0.1	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5 0.2 2045 No Build 4.8 3.2 0.1	0.1  2045 Constrained 10.2 7.1 0.2 0.1 0.5 0.3  2045 Constrained 4.8 3.2 0.1
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled  Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848  2020 Base 612,733 408,943 16,938 16,748	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma 2030 No Build 706,333 469,745 20,328 18,983	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677 ah County - Total 2030 Constrained 706,310 469,945 20,343 18,993	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663 2045 No Build 874,246 590,433 24,239 21,440	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594 212,822 2045 Constrained 872,602 586,155 24,933 21,989	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled Vehicle Miles Traveled Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (VMT) Pedestrian Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5 0.2 2020 Base 4.0 2.7 0.1 0.1	0.3 0.1  Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2  East Multnomah 0 2030 No Build 4.4 2.9 0.1 0.1	0.3 0.1  County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2  County - per Capita 2030 Constrained 4.4 2.9 0.1 0.1 0.1	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5 0.2 2045 No Build 4.8 3.2 0.1 0.1	0.1  2045 Constrained  10.2  7.1  0.2  0.1  0.5  0.3  2045 Constrained  4.8  3.2  0.1  0.1
Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled  Person Miles Traveled (PMT) Vehicle Miles Traveled (BMT) Bicycle Miles Traveled (BMT)	21,815  2020 Base 5,549,276 3,935,608 94,982 71,648 305,684 95,848  2020 Base 612,733 408,943 16,938	102,156 27,420 Urban Washing 2030 No Build 6,726,366 4,708,346 118,106 81,013 343,919 156,501 East Multnoma 2030 No Build 706,333 469,745 20,328	104,684 29,036 ton County - Total 2030 Constrained 6,749,636 4,716,570 118,210 81,078 346,790 162,677 ah County - Total 2030 Constrained 706,310 469,945 20,343	113,829 32,038 2045 No Build 7,758,766 5,447,245 143,648 91,185 401,346 181,663 2045 No Build 874,246 590,433 24,239	120,324 41,451 2045 Constrained 7,789,251 5,422,206 149,424 95,025 408,594 212,822 2045 Constrained 872,602 586,155 24,933	Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT) Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled Freight Miles Traveled Transit Miles Traveled Vehicle Miles Traveled Transit Miles Traveled Transit Miles Traveled	0.3 0.1 2020 Base 9.6 6.8 0.2 0.1 0.5 0.2 2020 Base 4.0 2.7 0.1	0.3 0.1  Urban Washington 2030 No Build 9.9 6.9 0.2 0.1 0.5 0.2  East Multnomah C 2030 No Build 4.4 2.9 0.1	0.3 0.1  County - per Capita 2030 Constrained 10.0 7.0 0.2 0.1 0.5 0.2  County - per Capita 2030 Constrained 4.4 2.9 0.1	0.2 0.1 2045 No Build 10.2 7.1 0.2 0.1 0.5 0.2 2045 No Build 4.8 3.2 0.1	0.1  2045 Constrained 10.2 7.1 0.2 0.1 0.5 0.3  2045 Constrained 4.8 3.2 0.1

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Totals are for trips that begin and	d end within d					Totals are for trips that begin and e	nd within define				
	2020 D		er Employee	2045 No D. 114	2045 0 1 - 1 1		2020 B	<del>-</del>	rage Trip Length	2045 N. D. H.	2045 0
Dorson Miles Travaled (DMT)	<b>2020 Base</b> 37.8	<b>2030 No Build</b> 39.4	2030 Constrained 39.2	2045 No Build	2045 Constrained 39.2	Person Average Trip Length	2020 Base	<b>2030 No Build</b> 5.3	2030 Constrained 5.3	<b>2045 No Build</b> 5.3	2045 Constrained
Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT)	26.2	27.1	26.5	39.1 26.8	26.0	Vehicle Average Trip Length	5.3 6.0	6.1	6.0	6.1	5.3 6.0
Bicycle Miles Traveled (BMT)	0.7	0.8	0.8	0.8	0.8	Bicycle Average Trip Length	3.3	3.3	3.4	3.6	3.6
Pedestrian Miles Traveled	0.7	0.8	0.3	0.3	0.3	Pedestrian Average Trip Length	0.6	0.6	0.6	0.6	0.6
Freight Miles Traveled	5.1	5.3	5.3	5.2	5.3	Freight Average Trip Length	8.2	8.5	8.5	8.8	8.8
Transit Miles Traveled	1.6	1.8	1.9	1.9	2.3	Transit Average Trip Length	6.9	6.8	7.0	6.8	7.2
Transit Willes Traveleu	1.0	1.0	1.5	1.5	2.3	Transit Average Trip Length	0.5	0.0	7.0	0.0	7.2
		MPA - pe	r Employee					MPA - Avera	age Trip Length		
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build		2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	29.7	31.4	31.4	32.0	32.1	Person Average Trip Length	4.7	4.7	4.7	4.8	4.8
Vehicle Miles Traveled (VMT)	20.0	21.0	20.6	21.2	20.6	Vehicle Average Trip Length	5.3	5.3	5.3	5.4	5.4
Bicycle Miles Traveled (BMT)	0.7	0.8	0.8	0.9	0.9	Bicycle Average Trip Length	3.1	3.2	3.3	3.5	3.5
Pedestrian Miles Traveled	0.3	0.3	0.3	0.3	0.3	Pedestrian Average Trip Length	0.6	0.6	0.6	0.6	0.6
Freight Miles Traveled	2.3	2.4	2.4	2.3	2.4	Freight Average Trip Length	4.5	4.7	4.7	4.9	4.9
Transit Miles Traveled	1.7	1.9	2.0	2.1	2.4	Transit Average Trip Length	6.5	6.4	6.6	6.4	6.7
		•	d - per Employee						Average Trip Length		
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	14.2	14.3	14.3	13.7	13.8	Person Average Trip Length	3.1	3.1	3.1	3.0	3.1
Vehicle Miles Traveled (VMT)	8.5	8.4	8.4	7.8	7.7	Vehicle Average Trip Length	3.6	3.6	3.5	3.5	3.5
Bicycle Miles Traveled (BMT)	0.9	0.9	0.9	0.9	0.9	Bicycle Average Trip Length	2.6	2.6	2.6	2.6	2.6
Pedestrian Miles Traveled	0.3	0.3	0.3	0.3	0.3	Pedestrian Average Trip Length	0.6	0.6	0.6	0.6	0.6
Freight Miles Traveled	1.1	1.1	1.1	1.1	1.1	Freight Average Trip Length	2.4	2.4	2.4	2.5	2.5
Transit Miles Traveled	1.4	1.4	1.5	1.6	1.8	Transit Average Trip Length	4.3	4.2	4.2	4.1	4.2
		Urhan Clackamas C	ounty - per Employee	<u> </u>			Urk	han Clackamas Cou	nty - Average Trip Ler	ngth	
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT)	13.2	14.5	14.4	17.4	17.3	Person Average Trip Length	3.0	3.0	3.0	3.2	3.2
Vehicle Miles Traveled (VMT)	9.3	10.2	9.9	12.2	11.9	Vehicle Average Trip Length	3.6	3.6	3.5	3.8	3.8
Bicycle Miles Traveled (BMT)	0.2	0.2	0.2	0.3	0.3	Bicycle Average Trip Length	2.5	2.5	2.6	2.7	2.8
Pedestrian Miles Traveled	0.2	0.2	0.2	0.2	0.3	Pedestrian Average Trip Length	0.5	0.5	0.5	0.5	0.5
Freight Miles Traveled	0.7	0.7	0.7	0.6	0.7	Freight Average Trip Length	2.5	2.5	2.6	2.6	2.7
Transit Miles Traveled	0.2	0.2	0.2	0.2	0.2	Transit Average Trip Length	4.9	4.4	4.6	4.6	4.9
		-	County - per Employe						ınty - Average Trip Le	_	
	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained		2020 Base	2030 No Build			2045 Constrained
Person Miles Traveled (PMT)	18.2	20.4	20.4	20.3	20.4	Person Average Trip Length	3.3	3.4	3.4	3.5	3.5
Vehicle Miles Traveled (VMT)	12.9	14.3	14.3	14.3	14.2	Vehicle Average Trip Length	3.8	3.9	3.9	4.0	4.0
Bicycle Miles Traveled (BMT)	0.3	0.4	0.4	0.4	0.4	Bicycle Average Trip Length	2.8	2.9	2.9	3.0	3.0
Pedestrian Miles Traveled	0.2	0.2	0.2	0.2	0.2	Pedestrian Average Trip Length	0.6	0.6	0.6	0.6	0.6
Freight Miles Traveled	1.0	1.0	1.1	1.1	1.1	Freight Average Trip Length	2.7	2.8	2.8	2.8	2.9
Transit Miles Traveled	0.3	0.5	0.5	0.5	0.6	Transit Average Trip Length	5.6	5.0	5.1	5.0	5.2
		Facility III and Co	<b></b>								
	2020 D		ounty - per Employee		2045 Canatusina d				nty - Average Trip Len	_	2045 Camaturain ad
Porcon Miles Traveled (DN#T)	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained	Porcon Avorage Trip Loneth	2020 Base	2030 No Build	2030 Constrained	2045 No Build	2045 Constrained
Person Miles Traveled (PMT) Vehicle Miles Traveled (VMT)	11.3 7.5	11.0	11.0 7.3	10.8	10.8 7.2	Person Average Trip Length	2.0	2.1 2.4	2.1 2.4	2.2 2.6	2.2 2.6
		7.3	0.3	7.3		Vehicle Average Trip Length	2.4				
Bicycle Miles Traveled (BMT) Pedestrian Miles Traveled	0.3 0.3	0.3 0.3	0.3	0.3	0.3	Bicycle Average Trip Length	2.1	2.1 0.6	2.1 0.6	2.2 0.6	2.2 0.6
Freight Miles Traveled	0.3	0.3	0.3	0.3	0.3 0.3	Pedestrian Average Trip Length Freight Average Trip Length	0.6 1.7	1.7	1.8	1.8	1.8
Transit Miles Traveled	0.3	0.3	0.3	0.3	0.3	Transit Average Trin Length	3.1	2.3	2.4	2.6	2.8
Hallsit Willes Haveled	0.2	0.2	0.2	0.2	0.2	Transit Average Trip Length Page 2 of 2	3.1	2.3	۷.4	2.0	2.0

Auto travel time	(minutes) het	ween locations

Auto truv	(walk + in-vehicle time)	:	2020 Base		20	30 No Bu	ıild	203	0 Constrai	ned	20	)45 No Bui	ld	204	5 Constrai	ned
Mobility																
Corridor	Origin> Destination	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm
1	CBD to Vancouver CBD (SOV)	24.5	29.4	29.5	25.6	29.8	29.6	22.8	23.7	23.6	27.5	30.7	29.8	23.0	22.8	22.5
1	CBD to Vancouver CBD (HOV)	24.5	24.9	24.9	25.6	25.4	25.2	22.8	23.7	23.6	27.5	25.9	25.3	23.0	22.8	22.5
2	CBD to Tigard	25.0	26.6	26.7	25.8	28.6	28.6	25.2	31.3	31.4	27.1	29.8	29.1	25.7	31.3	30.8
2	Tigard to Tualatin	12.2	12.7	12.6	12.6	13.5	13.4	12.8	13.8	13.7	13.4	14.9	14.3	13.9	14.9	14.6
3	Tigard to Wilsonville	19.9	22.1	22.4	20.6	23.8	24.1	19.8	21.5	21.6	22.1	26.0	25.1	20.6	22.5	21.9
4	no route specified															
5	CBD to Gateway	21.5	24.1	24.3	21.8	24.4	24.4	22.0	24.5	24.4	22.5	24.7	24.3	22.5	24.4	24.2
6	Gateway to Gresham	19.3	19.9	20.0	19.5	20.1	20.2	19.5	20.0	20.1	19.7	20.7	20.9	19.7	20.4	20.5
6	Gateway to Troutdale	18.1	18.7	18.9	18.5	19.1	19.2	19.6	18.5	18.6	19.0	20.1	20.1	19.9	18.8	18.9
7	CBD to PDX	30.5	32.5	32.4	31.0	32.9	32.6	31.3	33.7	33.3	32.3	33.4	32.7	32.7	34.5	34.0
7	Gateway to Vancouver Mall	19.5	20.9	21.1	19.9	21.2	21.2	19.7	20.2	20.2	20.9	22.2	21.9	20.3	24.9	24.8
8	Gateway to Oregon City	23.1	25.5	26.0	24.2	27.9	28.3	22.8	25.8	25.7	26.1	31.3	31.0	24.1	26.5	26.3
9	Oregon City to Canby	16.3	16.5	16.5	16.3	16.8	17.0	16.3	17.8	18.0	16.5	17.4	17.4	16.4	18.0	17.9
10	Tualatin to Oregon City	18.5	22.8	23.6	19.5	24.1	24.8	17.7	19.7	20.1	21.5	26.3	26.1	18.4	21.4	21.6
11	Tigard to Sherwood	18.9	20.9	21.0	18.6	21.7	21.7	18.7	21.6	21.6	20.3	24.0	23.3	20.5	24.6	24.2
12	Beaverton to Washington Square	10.8	11.6	11.5	10.7	11.4	11.3	10.7	11.4	11.3	11.1	11.9	11.7	11.0	11.8	11.6
12	Washington Square to Tigard	8.7	8.9	8.7	8.9	9.2	9.1	8.9	9.1	9.0	9.1	9.5	9.3	9.0	9.1	9.0
12	Beaverton to Tigard	14.1	15.1	15.0	13.9	15.0	15.0	13.7	14.9	14.9	14.4	15.6	15.4	14.2	15.3	15.2
13	CBD to Beaverton	21.9	24.4	24.7	22.7	26.0	26.3	22.7	26.2	26.4	23.3	26.5	26.1	23.4	26.7	26.4
14	Beaverton to Hillsboro	22.2	23.6	23.9	23.0	24.9	25.2	22.9	24.7	24.9	23.7	25.6	25.6	23.2	25.0	25.1
14	Amberglen to Hillsboro	14.9	15.2	15.3	15.1	15.7	15.8	15.1	15.6	15.7	15.5	16.1	16.0	15.3	15.8	15.8
14	CBD to Hillsboro	36.0	38.9	39.4	37.1	41.4	41.8	37.0	41.3	41.7	38.6	42.7	42.2	38.3	42.3	42.0
15	Hillsboro to Forest Grove	16.3	16.6	16.7	16.4	17.0	17.2	16.4	17.0	17.1	16.6	17.7	17.8	16.6	17.6	17.7
16	CBD to Sauvie Island	28.3	28.6	28.4	28.6	29.0	28.8	28.5	29.0	28.7	29.3	30.1	29.6	29.1	30.2	29.5
17	combined 17 & 18 to cover O-D pair I															
18	Rivergate to I-205/Sandy	22.7	23.0	23.0	22.9	23.2	23.2	22.9	23.3	23.2	23.2	23.6	23.4	23.3	23.4	23.3
19	CBD to Lents	26.1	29.3	29.5	26.9	30.0	30.0	27.6	29.9	29.8	28.1	30.5	30.2	28.1	30.2	29.9
20	Lents to Gresham	22.6	23.3	23.5	22.9	23.7	23.9	22.9	23.6	23.7	23.3	24.6	24.7	23.2	24.0	24.1
21	CBD to Oregon City	34.7	38.4	39.0	35.8	40.8	41.4	36.0	41.8	42.4	37.3	43.5	43.0	37.9	44.9	44.4
22	Milwaukie to Clackamas Town Cente		12.7	12.7	12.3	13.0	13.0	12.3	13.0	13.0	12.6	13.4	13.3	12.7	13.5	13.3
23	Clackamas Town Center to Happy Va		12.8	13.0	12.3	13.8	14.0	12.4	13.6	13.8	12.9	14.6	14.8	12.4	13.3	13.4
24	Wood Village to Gresham	10.8	11.1	11.1	10.9	11.2	11.3	10.9	11.2	11.3	11.0	11.6	11.7	11.1	11.5	11.5
24	Gresham to Happy Valley	20.9	21.5	21.6	21.5	22.6	22.7	20.3	21.4	21.7	22.4	24.6	24.7	21.3	22.6	22.7
N/A	Tualatin to Hillsboro	37.8	41.2	41.4	39.1	43.4	43.7	39.0	42.2	42.5	41.1	45.3	44.8	40.7	44.7	44.5

### **Auto Travel Times**

Auto trav	el time (minutes) between locations (walk + in-vehicle time)		2020 Base		20	030 No Bui	Id	203	0 Constrai	ned	20	045 No Bui	ıd	204	5 Constrai	ned
Mobility	(waik i iii-veilicle tiiile)	•	ZUZU Dase			730 NO BUI	iu	203	U CUIISTI AI	ileu		743 NO BUI	iu		5 Constrai	leu
Corridor	Origin> Destination	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm	12-1pm	4-5pm	5-6pm
1	Vancouver CBD to CBD (SOV)	23.1	22.5	22.1	23.9	23.6	23.0	21.7	20.6	20.4	25.4	25.1	24.1	22.0	21.5	21.1
1	Vancouver CBD to CBD (HOV)	23.1	22.5	22.1	23.9	23.6	23.0	21.7	20.6	20.4	25.4	25.1	24.1	22.0	21.5	21.1
2	Tigard to CBD	24.5	25.8	25.8	25.2	26.4	26.3	24.5	29.2	29.0	26.2	27.4	26.8	25.4	30.2	29.7
2	Tualatin to Tigard	12.4	13.8	13.7	12.9	14.4	14.1	13.1	14.6	14.4	13.9	15.1	14.6	14.5	15.3	15.0
3	Wilsonville to Tigard	20.6	22.5	22.5	21.5	24.1	24.2	20.7	21.9	21.9	23.6	26.4	26.0	21.4	22.6	22.4
4	no route specified															
5	Gateway to CBD	21.7	21.8	21.6	22.1	22.4	22.2	21.8	22.5	22.3	22.8	23.1	22.7	22.0	22.4	22.1
6	Gresham to Gateway	19.4	19.6	19.6	19.6	19.8	19.8	19.6	19.9	19.9	19.9	20.3	20.2	19.9	20.2	20.2
6	Troutdale to Gateway	18.6	18.9	18.9	18.9	19.4	19.3	18.5	18.6	18.6	19.4	20.2	20.1	18.7	18.7	18.7
7	PDX to CBD	30.5	30.5	30.4	31.1	31.2	31.1	30.9	31.9	31.6	32.0	32.3	31.9	31.8	33.2	32.7
7	Vancouver Mall to Gateway	19.3	19.3	19.2	19.6	19.7	19.5	19.3	19.6	19.4	20.4	20.6	20.1	19.6	23.7	23.3
8	Oregon City to Gateway	22.7	24.5	24.6	23.5	25.5	25.5	22.7	24.3	24.1	25.3	27.3	26.9	23.3	25.4	25.1
9	Canby to Oregon City	16.3	16.5	16.5	16.3	16.6	16.7	16.4	17.6	17.6	16.5	17.1	17.1	16.6	18.2	18.1
10	Oregon City to Tualatin	18.6	19.8	20.0	19.6	21.4	21.6	18.2	19.2	19.3	21.8	24.2	23.8	18.8	20.3	20.2
11	Sherwood to Tigard	16.0	17.7	17.7	16.8	18.8	18.8	16.5	19.0	19.0	18.3	20.1	19.9	18.4	20.3	20.3
12	Washington Square to Beaverton	10.6	11.1	11.1	10.8	11.6	11.5	10.8	11.6	11.6	11.1	11.8	11.7	11.0	11.9	11.8
12	Tigard to Washington Square	8.4	8.4	8.3	8.3	8.4	8.3	8.4	8.3	8.3	8.5	8.5	8.5	8.5	8.4	8.4
12	Tigard to Beaverton	14.3	15.2	15.1	14.6	15.7	15.7	14.5	15.5	15.6	15.0	16.2	16.0	14.8	15.9	15.9
13	Beaverton to CBD	22.5	24.8	24.9	23.0	25.1	25.0	23.0	25.4	25.3	23.7	25.5	25.1	23.6	25.8	25.6
14	Hillsboro to Beaverton	22.1	22.9	23.0	22.7	24.2	24.3	22.7	24.0	24.1	23.3	25.3	25.3	22.9	24.6	24.7
14	Hillsboro to Amberglen	14.8	15.0	15.0	15.0	15.5	15.5	15.0	15.3	15.3	15.3	16.1	16.0	15.2	16.0	15.9
14	Hillsboro to CBD	37.2	39.7	40.0	38.2	41.2	41.4	38.1	41.0	41.2	39.8	43.1	42.8	39.2	42.4	42.2
15	Forest Grove to Hillsboro	17.2	17.4	17.4	17.4	17.6	17.6	17.4	17.6	17.6	17.6	17.8	17.8	17.5	17.8	17.8
16	Sauvie Island to CBD	27.5	27.7	27.6	27.7	28.1	27.9	27.6	27.9	27.7	28.2	28.7	28.5	28.1	28.5	28.3
17	combined 17 & 18 to cover O-D pair l															
18	I-205/Sandy to Rivergate	22.7	22.7	22.6	22.9	22.8	22.7	22.8	22.7	22.7	23.3	23.2	23.0	23.2	23.1	23.0
19	Lents to CBD	26.7	27.1	26.9	27.3	27.8	27.6	27.7	28.1	27.8	28.0	28.6	28.1	28.1	28.4	28.0
20	Gresham to Lents	22.2	23.0	23.0	22.9	23.4	23.5	22.8	23.4	23.4	23.3	24.1	24.1	23.2	23.8	23.8
21	Oregon City to CBD	34.4	35.2	35.1	35.3	36.6	36.4	35.7	38.5	38.2	37.0	38.6	38.0	37.5	39.8	39.2
22	Clackamas Town Center to Milwauki	12.0	12.3	12.2	12.2	12.6	12.5	12.3	12.7	12.6	12.7	13.0	12.9	12.7	13.2	13.0
23	Happy Valley to Clackamas Town Cer	11.9	12.0	11.9	12.2	12.5	12.5	12.3	12.5	12.5	12.8	13.0	13.0	12.4	12.6	12.6
24	Gresham to Wood Village	10.9	11.0	11.0	11.0	11.1	11.1	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.1
24	Happy Valley to Gresham	20.9	21.7	21.8	21.6	22.5	22.7	20.5	21.2	21.3	22.6	24.3	24.4	21.4	22.5	22.5
N/A	Hillsboro to Tualatin	37.4	39.2	39.4	37.8	41.0	41.4	37.6	39.8	40.3	39.6	45.1	44.8	39.1	43.7	43.9

Transit t	ravel time (minutes) between locations					Pie	IIIIIIIIai y (	draft - sub	ject to re	mement	4/12/23
Transit t	(walk + wait + in-vehicle time)	2020	Base	2030 N	o Build	2030 Cor	strained	2045 N	o Build	2045 Con	strained
Mobility Corridor	Origin> Destination	12-1pm	4-6pm	12-1pm	4-6pm	12-1pm	4-6pm	12-1pm	4-6pm	12-1pm	4-6pm
1	CBD to Vancouver CBD	53.8	35.8	42.4	33.7	39.3	29.2	44.4	35.9	48.8	36.3
2	CBD to Tigard	45.5	34.6	47.9	53.4	48.5	53.4	49.1	54.1	45.1	42.0
2	CBD to Tualatin	51.4	44.9	72.9	64.1	75.3	64.1	75.2	64.1	59.2	63.8
2	Tigard to Tualatin	33.8	30.1	32.0	30.1	33.2	30.1	33.3	30.1	34.6	30.1
3	Tigard to Wilsonville	85.1	50.6	83.7	50.7	84.1	50.7	86.0	50.7	84.2	50.7
4	CBD to Rose Quarter	19.0	17.7	19.0	17.7	19.0	18.1	19.0	18.0	19.0	18.0
5	CBD to Gateway	34.4	33.7	34.4	33.7	34.4	33.7	34.4	33.7	34.4	33.7
6	Gateway to Gresham	35.5	35.5	35.5	33.0	35.5	33.0	35.5	33.0	35.5	33.0
6	Gateway to Troutdale	56.9	54.6	53.1	53.0	53.1	53.0	53.2	53.0	55.3	54.8
7	CBD to PDX	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
7	Gateway to Vancouver Mall	89.8	86.4	87.2	85.5	85.7	81.4	88.2	87.4	80.7	76.5
8	Gateway to Oregon City	70.6	71.7	69.7	71.4	69.7	71.6	70.6	73.8	68.8	72.0
8	Gateway to Clackamas Town Center	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
8	Clackamas Town Center to Oregon City	41.4	42.5	40.5	42.2	40.5	42.3	41.3	44.5	39.6	42.7
9	Oregon City to Canby	58.2	43.4	58.2	43.9	58.3	44.0	58.4	45.9	58.5	45.2
10	Tualatin to Oregon City	104.3	108.4	50.5	55.8	49.7	52.5	54.0	61.0	51.1	56.1
11	Tigard to Sherwood	35.3	35.7	45.3	47.3	45.5	47.3	46.5	50.3	41.7	44.9
11	Tualatin to Sherwood	69.6	47.2	59.1	61.5	58.7	60.9	60.4	64.2	59.6	63.2
12	Beaverton to Washington Square	25.4	25.9	23.7	24.3	23.6	24.2	24.0	25.0	23.2	24.0
12	Washington Square to Tigard	19.2	19.5	17.6	18.1	17.6	18.0	17.8	18.6	17.1	17.7
12	Beaverton to Tigard	32.1	30.4	30.1	30.2	30.0	30.2	30.7	30.4	29.7	30.2
13	CBD to Beaverton	29.4	28.0	29.4	28.7	29.4	28.7	29.4	28.7	29.4	28.7
14	Beaverton to Hillsboro	36.8	33.6	36.5	34.0	36.5	34.0	36.5	34.0	36.5	34.0
14	Amberglen to Hillsboro	41.2	38.0	37.0	37.1	37.0	37.1	37.5	37.5	35.3	35.7
14	CBD to Hillsboro	58.9	55.7	58.6	56.1	58.6	56.1	58.6	56.1	58.6	56.1
15	Hillsboro to Forest Grove	36.3	36.8	36.5	37.2	32.9	33.7	36.7	37.9	33.2	34.3
16	CBD to Sauvie Island	77.6	78.7		91.9		91.8		93.3		93.1
16	CBD to St Johns	59.7	58.1	54.9	55.9	55.1	55.8	55.4	56.4	53.8	54.4
17	no route specified										
18	no route specified										
19	CBD to Lents	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
20	Lents to Gresham	53.0	53.0	53.0	50.5	53.0	50.3	53.0	50.5	53.0	50.3
21	CBD to Oregon City	71.9	65.3	72.8	73.8	72.6	73.9	73.1	76.7	71.3	75.0
22	Milwaukie to Clackamas Town Center	29.1	29.6	28.8	29.1	28.8	29.0	29.1	29.7	27.9	28.4
23	Clackamas Town Center to Happy Valley	38.2	39.2	38.6	40.3	38.7	40.2	39.2	41.3	38.8	39.7
24	Wood Village to Gresham	27.1	23.3	36.0	36.7	35.9	36.7	36.3	37.5	36.1	37.0
24	Gresham to Happy Valley	94.2	93.6	94.6	93.7	94.7	93.7	95.1	94.7	94.7	93.1
24	Gresham to Sandy	47.0	47.3	47.1	47.7	47.1	47.7	47.2	48.3	47.3	48.2

Mobility Corridor         Origin → Destination         12-1pm         4-6pm         12-1pm <t< th=""><th>4-6pm 34.9 41.7 62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2</th></t<>	4-6pm 34.9 41.7 62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2
Corridor         Origin> Destination         12-1pm         4-6pm         12-1pm         4-8pm         2-1pm         4-8pm         3-1s         3-1s         3-1s         4-9cm         2-1pm         4-7s         4-8pm         4-8pm         2-1pm         4-8pm         3-1s         4-7s         4-8pm         2-1pm         4-8pm         4-8pm         4-8pm         3-1s         4-7s         4-8pm         4-8pm         4-8pm         4-1pm         4-4pm         4-1pm         4-4pm         4-1pm         4-1pm <th< th=""><th>34.9 41.7 62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2</th></th<>	34.9 41.7 62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2
1 Vancouver CBD to CBD	34.9 41.7 62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2
2 Tigard to CBD	41.7 62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2
2         Tualatin to CBD         51.5         57.4         80.8         64.3         81.6         64.3         82.8         64.3         58.9           2         Tualatin to Tigard         40.0         30.0         31.8         30.1         32.6         30.1         33.2         30.0         33.9           3         Wilsonville to Tigard         91.3         56.3         84.4         56.3         84.4         56.3         87.0         56.4         84.7           4         Rose Quarter to CBD         17.4         16.2         17.3         16.7         17.3         16.7         17.3         16.7         17.2 <td>62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2</td>	62.0 30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2
2         Tualatin to Tigard         40.0         30.0         31.8         30.1         32.6         30.1         33.2         30.0         33.9           3         Wilsonville to Tigard         91.3         56.3         84.4         56.3         84.4         56.3         87.0         56.4         84.7           4         Rose Quarter to CBD         17.4         16.2         17.3         16.7         17.5         56.8         33.0         35.5         33.0         35.5         33.0         35.5         33.0         35.5         44.7         54.9         24.9         49.2         49.2	30.0 56.3 16.4 31.4 33.0 54.5 49.2 78.2
3   Wilsonville to Tigard   91.3   56.3   84.4   56.3   84.4   56.3   87.0   56.4   84.7     4   Rose Quarter to CBD   17.4   16.2   17.3   16.7   17.3   16.7   17.3   16.7     5   Gateway to CBD   31.9   30.8   31.9   31.4   31.9   31.4   31.9   31.4   31.9     6   Gresham to Gateway   35.5   34.0   35.5   33.0   35.5   33.0   35.5   33.0   35.5     6   Troutdale to Gateway   56.2   55.4   54.7   54.5   54.7   54.5   54.7   54.4   54.7     7   PDX to CBD   49.2   46.7   49.2   49.2   49.2   49.2   49.2   49.2   49.2     7   Vancouver Mall to Gateway   94.5   88.1   89.0   86.5   88.8   84.6   89.8   88.6   82.7     8   Oregon City to Gateway   70.8   71.3   69.7   70.5   69.8   70.6   70.3   71.5   68.8     8   Oregon City to Clackamas Town Center to Gateway   30.4   30.4   30.4   30.4   30.4   30.4   30.4     8   Oregon City to Clackamas Town Center   41.4   41.9   40.3   41.0   40.4   41.2   40.9   42.0   39.4     9   Canby to Oregon City   58.8   44.1   58.9   44.4   59.0   44.6   59.1   45.4   59.4     10   Oregon City to Tualatin   110.2   100.4   50.7   54.2   49.9   51.5   56.2   63.3   53.1     11   Sherwood to Tigard   45.9   47.7   46.8   49.3   46.6   49.0   48.6   51.3   48.8     11   Sherwood to Tualatin   77.3   43.3   57.4   58.3   57.3   58.1   58.1   59.1   57.7     12   Washington Square to Beaverton   24.0   24.5   22.9   23.7   22.9   23.7   23.2   24.2   22.5     12   Tigard to Beaverton   32.1   29.7   29.8   30.0   29.2   30.0   29.2   30.0   29.2   30.0     14   Hillsboro to Amberglen   41.7   41.9   36.5   35.5   36.5   35.5   36.8   35.8   34.8     14   Hillsboro to Amberglen   41.7   41.9   36.5   35.5   59.5   57.0   59.5   57.0   59.5     15   Forest Grove to Hillsboro   40.1   40.2   40.7   40.9   36.6   37.2   40.9   41.2   36.8     16   Sauvie Island to CBD   76.8   77.6     88.8     88.6     89.5	56.3 16.4 31.4 33.0 54.5 49.2 78.2
4         Rose Quarter to CBD         17.4         16.2         17.3         16.7         17.3         16.7         17.3         16.7         17.3         16.7         17.2         5         Gateway to CBD         31.9         30.8         31.9         31.4         31.4         31.9         32.4         32.4         32	16.4 31.4 33.0 54.5 49.2 78.2
5         Gateway to CBD         31.9         30.8         31.9         31.4         31.2         40.9         41.2         40.9         41.2         40.5         54.7         54.5         54.7         54.5         54.7         54.5         54.7         54.5         54.7         54.4         54.7         54.4         54.7         54.5         54.7         54.5         54.7         54.5         54.7         54.4         49.2         49.2         49.2         49.2         49.2         49.2         49.2         49.2         49.2         49.2	31.4 33.0 54.5 49.2 78.2
6 Gresham to Gateway 35.5 34.0 35.5 33.0 35.5 33.0 35.5 33.0 35.5 6 Troutdale to Gateway 56.2 55.4 54.7 54.5 54.7 54.5 54.7 54.5 54.7 54.4 54.7 7 PDX to CBD 49.2 46.7 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	33.0 54.5 49.2 78.2
6         Troutdale to Gateway         56.2         55.4         54.7         54.5         54.7         54.5         54.7         54.4         54.7           7         PDX to CBD         49.2         46.7         49.2         49.3         40.4         40.4         41.2         40.9         42.0         39.4         40.4         41.2         40.9         44.0         9.2         43.9         44.6         59.1         45.4         59.4         40.1	54.5 49.2 78.2
7 PDX to CBD 49.2 46.7 49.2 49.2 49.2 49.2 49.2 49.2 49.2 49.2	49.2 78.2
7         Vancouver Mall to Gateway         94.5         88.1         89.0         86.5         88.8         84.6         89.8         88.6         82.7           8         Oregon City to Gateway         70.8         71.3         69.7         70.5         69.8         70.6         70.3         71.5         68.8           8         Clackamas Town Center to Gateway         30.4         40.9         42.0         20.0	78.2
8         Oregon City to Gateway         70.8         71.3         69.7         70.5         69.8         70.6         70.3         71.5         68.8           8         Clackamas Town Center to Gateway         30.4         40.9         42.0         30.4         30.4         40.9         42.0         42.0         20.1         20.1 </td <td></td>	
8         Clackamas Town Center to Gateway         30.4         40.9         42.0         39.4           9         Canby to Oregon City         58.8         44.1         58.9         44.4         59.0         44.6         59.1         45.4         59.4           10         Oregon City to Tualatin         110.2         100.4         50.7         54.2         49.9         51.5         56.2         63.3         53.1           11         Sherwood to Tigard         45.9         47.7         46.8         49.3         46.6         49.0         48.6         51.3         48.8           11         Sherwood to Tualatin         77.3         43.3         57.4         58.3         57.3	
8         Oregon City to Clackamas Town Center         41.4         41.9         40.3         41.0         40.4         41.2         40.9         42.0         39.4           9         Canby to Oregon City         58.8         44.1         58.9         44.4         59.0         44.6         59.1         45.4         59.4           10         Oregon City to Tualatin         110.2         100.4         50.7         54.2         49.9         51.5         56.2         63.3         53.1           11         Sherwood to Tigard         45.9         47.7         46.8         49.3         46.6         49.0         48.6         51.3         48.8           11         Sherwood to Tualatin         77.3         43.3         57.4         58.3         57.3         58.1         58.1         59.1         57.7           12         Washington Square to Beaverton         24.0         24.5         22.9         23.7         22.9         23.7         23.2         24.2         22.5           12         Tigard to Washington Square         19.7         19.8         17.1         17.2         17.1         17.2         17.2         17.4         16.7           12         Tigard to Beaverton         32.1 <td>70.2</td>	70.2
9 Canby to Oregon City 58.8 44.1 58.9 44.4 59.0 44.6 59.1 45.4 59.4 10 Oregon City to Tualatin 110.2 100.4 50.7 54.2 49.9 51.5 56.2 63.3 53.1 11 Sherwood to Tigard 45.9 47.7 46.8 49.3 46.6 49.0 48.6 51.3 48.8 11 Sherwood to Tualatin 77.3 43.3 57.4 58.3 57.3 58.1 58.1 59.1 57.7 12 Washington Square to Beaverton 24.0 24.5 22.9 23.7 22.9 23.7 23.2 24.2 22.5 12 Tigard to Washington Square 19.7 19.8 17.1 17.2 17.1 17.2 17.2 17.4 16.7 12 Tigard to Beaverton 32.1 29.7 29.8 29.7 29.7 29.7 30.2 29.7 29.5 13 Beaverton CBD 31.0 29.8 30.0 29.2 30.0 29.2 30.0 29.2 30.0 14 Hillsboro to Beaverton 37.1 37.1 36.3 33.8 36.3 33.8 36.3 33.8 36.3 33.8 36.3 14 Hillsboro to Amberglen 41.7 41.9 36.5 35.5 36.5 35.5 36.8 35.8 34.8 14 Hillsboro to CBD 60.3 60.2 59.5 57.0 5	30.4
10 Oregon City to Tualatin 110.2 100.4 50.7 54.2 49.9 51.5 56.2 63.3 53.1 11 Sherwood to Tigard 45.9 47.7 46.8 49.3 46.6 49.0 48.6 51.3 48.8 11 Sherwood to Tualatin 77.3 43.3 57.4 58.3 57.3 58.1 58.1 59.1 57.7 12 Washington Square to Beaverton 24.0 24.5 22.9 23.7 22.9 23.7 23.2 24.2 22.5 12 Tigard to Washington Square 19.7 19.8 17.1 17.2 17.1 17.2 17.2 17.4 16.7 12 Tigard to Beaverton 32.1 29.7 29.8 29.7 29.7 29.7 30.2 29.7 29.5 13 Beaverton to CBD 31.0 29.8 30.0 29.2 30.0 29.2 30.0 29.2 30.0 14 Hillsboro to Beaverton 37.1 37.1 36.3 33.8 36.3 33.8 36.3 33.8 36.3 14 Hillsboro to Amberglen 41.7 41.9 36.5 35.5 36.5 35.5 36.8 35.8 34.8 14 Hillsboro to CBD 60.3 60.2 59.5 57.0 59.5 5	40.7
11 Sherwood to Tigard	45.4
11       Sherwood to Tualatin       77.3       43.3       57.4       58.3       57.3       58.1       59.1       57.7         12       Washington Square to Beaverton       24.0       24.5       22.9       23.7       22.9       23.7       23.2       24.2       22.5         12       Tigard to Washington Square       19.7       19.8       17.1       17.2       17.1       17.2       17.4       16.7         12       Tigard to Beaverton       32.1       29.7       29.8       29.7       29.7       29.7       30.2       29.7       29.5         13       Beaverton to CBD       31.0       29.8       30.0       29.2       30.0       30.8       36.3       33.8       36.3       <	57.2
12       Washington Square to Beaverton       24.0       24.5       22.9       23.7       22.9       23.7       23.2       24.2       22.5         12       Tigard to Washington Square       19.7       19.8       17.1       17.2       17.1       17.2       17.4       16.7         12       Tigard to Beaverton       32.1       29.7       29.8       29.7       29.7       29.7       30.2       29.7       29.5         13       Beaverton to CBD       31.0       29.8       30.0       29.2       30.0       29.2       30.0       29.2       30.0         14       Hillsboro to Beaverton       37.1       37.1       36.3       33.8       36.3       33.8       36.3       33.8       36.3         14       Hillsboro to Amberglen       41.7       41.9       36.5       35.5       36.5       35.5       36.8       35.8       34.8         14       Hillsboro to CBD       60.3       60.2       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5       57.0       59.5	51.2
12       Tigard to Washington Square       19.7       19.8       17.1       17.2       17.1       17.2       17.2       17.4       16.7         12       Tigard to Beaverton       32.1       29.7       29.8       29.7       29.7       29.7       30.2       29.7       29.5         13       Beaverton to CBD       31.0       29.8       30.0       29.2       30.0       30.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3	58.7
12     Tigard to Beaverton     32.1     29.7     29.8     29.7     29.7     29.7     29.7     29.7     29.7     29.7     29.5       13     Beaverton to CBD     31.0     29.8     30.0     29.2	23.5
13     Beaverton to CBD     31.0     29.8     30.0     29.2     30.0     29.2     30.0     29.2     30.0       14     Hillsboro to Beaverton     37.1     37.1     36.3     33.8     36.3     33.8     36.3     33.8     36.3     33.8     36.3       14     Hillsboro to Amberglen     41.7     41.9     36.5     35.5     36.5     35.5     36.8     35.8     34.8       14     Hillsboro to CBD     60.3     60.2     59.5     57.0     59.5     57.0     59.5     57.0     59.5       15     Forest Grove to Hillsboro     40.1     40.2     40.7     40.9     36.6     37.2     40.9     41.2     36.8       16     Sauvie Island to CBD     76.8     77.6      88.8      88.6      89.5	16.7
14       Hillsboro to Beaverton       37.1       37.1       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       33.8       36.3       35.5       36.8       35.5       36.8       35.8       34.8       34.8       34.8       36.5       35.5       36.8       35.5       57.0       59.5       57.0 <td< td=""><td>29.7</td></td<>	29.7
14     Hillsboro to Amberglen     41.7     41.9     36.5     35.5     36.5     35.5     36.8     35.8     34.8       14     Hillsboro to CBD     60.3     60.2     59.5     57.0     59.5     57.0     59.5     57.0     59.5       15     Forest Grove to Hillsboro     40.1     40.2     40.7     40.9     36.6     37.2     40.9     41.2     36.8       16     Sauvie Island to CBD     76.8     77.6      88.8      88.6      89.5	29.2
14     Hillsboro to CBD     60.3     60.2     59.5     57.0     59.5     57.0     59.5     57.0     59.5       15     Forest Grove to Hillsboro     40.1     40.2     40.7     40.9     36.6     37.2     40.9     41.2     36.8       16     Sauvie Island to CBD     76.8     77.6      88.8      88.6      89.5	33.8
15     Forest Grove to Hillsboro     40.1     40.2     40.7     40.9     36.6     37.2     40.9     41.2     36.8       16     Sauvie Island to CBD     76.8     77.6      88.8      88.6      89.5	35.0
16 Sauvie Island to CBD 76.8 77.6 88.8 88.6 89.5	57.0
	37.5
16 St Johns to CBD 58.2 58.0 56.8 56.5 57.0 57.1 57.9 58.1 56.1	89.1
1 1111 1111 1 1111 1 1111 1 1111 1 1111 1	53.8
17 no route specified	
18 no route specified	
19 Lents to CBD 48.2 48.2 48.2 48.2 48.2 48.2 48.2 48.2	48.2
20 Gresham to Lents 52.8 51.3 52.8 50.3 52.8 50.3 52.8 50.3 52.8	50.3
21 Oregon City to CBD 69.1 66.8 69.0 71.2 68.9 70.0 71.3 73.3 70.1	71.9
22 Clackamas Town Center to Milwaukie 28.9 29.2 28.3 28.1 28.4 28.1 28.7 28.6 27.5	
23 Happy Valley to Clackamas Town Center 37.1 37.2 37.4 37.8 37.5 37.9 38.1 38.3 37.7	27.7
24 Gresham to Wood Village 27.2 24.7 35.8 35.9 35.7 35.8 36.0 36.2 35.9	38.0
24 Happy Valley to Gresham 93.5 93.5 93.8 91.6 93.9 91.8 94.4 92.2 94.0	38.0
24 Sandy to Gresham 45.7 45.8 45.9 45.9 45.8 45.9 46.0 46.1 46.0	

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