

Today...

- Background
- Types of Trends Data included in the Coordinated Mobility Plan
- Data Collection Template
- Next Steps



Purpose of today's discussion

- To improve data on specialized transportation trends
- To collect comprehensive trends data effectively



Background

PSRC collected data in 2019 for the latest Coordinated Mobility Plan development.

Successes:

- Comprehensive and coordinated outreach to transit and specialized transportation providers
- Created a survey tool for data collection in partnership with Hopelink
- Received additional data from a variety of programs, including WA Health Care Authority on the region's Medicaid/NEMT data



Background

Challenges:

- Inconsistency in data format and metrics (mobility management programs)
- Incomplete or missing data
- Lack of information received on common origins and destinations
- Limitations to analyzing “regional trends” with collected data



Service Provided by Transit Agencies



Types of trends data in current plan—Transit-related

Transit service for Coordinated Mobility Plan's Populations:

- Fixed route (rail, bus, ferries)
- ADA complementary Paratransit
- Other demand response (micro-transit, taxi voucher program)
- Travel training and partnerships

Types of trends data in current plan—Transit-related

Data received from agencies and collected from various sources:

- Ridership by service type
- ORCA card usage by card type (General, LIFT, RRFP, Youth)
- Operational costs/farebox collection
- Vehicle lift usage
- Travel training results, surveys, etc.

Fixed route ridership by service type

Transit Agency	Service	2013	2014	2015	2016	2017
Community Transit	Fixed Route	7,980,463	8,692,742	8,935,227	9,190,047	9,303,686
Community Transit	Demand Response	188,222	192,633	190,366	194,175	194,471
Community Transit	Vanpool	927,660	924,912	912,637	867,776	861,372
Everett Transit	Fixed Route	2,004,062	1,971,113	1,944,871	1,948,785	1,902,840
Everett Transit	Demand Response	113,008	120,739	121,165	118,357	122,427
King County Metro	Fixed Route	116,710,545	119,034,445	120,132,164	119,923,659	120,468,716
King County Metro	Deviated Fixed Route	1,007,014	1,074,519	940,099	978,883	883,578
King County Metro	Light Rail	760,933	707,712	622,219	1,358,297	1,417,507
King County Metro	Demand Response	1,103,355	1,012,715	902,627	870,779	854,155
King County Metro	Demand Response Taxi	86,383	96,244	110,020	110,664	103,861
King County Metro	Vanpool	3,523,813	3,414,783	3,561,397	3,540,537	3,626,422
King County Water Taxi	Passenger-Only Ferry	445,110	467,119	515,207	601,942	599,954
Kitsap Transit	Fixed Route	2,967,591	2,818,352	2,809,535	2,590,434	2,533,304
Kitsap Transit	Passenger-Only Ferry	450,732	458,604	492,857	487,279	616,667
Kitsap Transit	Demand Response	283,598	298,757	305,544	290,394	283,463
Kitsap Transit	Demand Response Taxi	118	142	-	112	1,999
Kitsap Transit	Vanpool	226,339	232,391	205,418	175,920	179,883
Pierce Transit	Fixed Route	10,349,186	10,231,241	9,104,337	8,588,447	8,543,157
Pierce Transit	Demand Response	371,302	372,631	368,411	347,991	324,753
Pierce Transit	Vanpool	926,359	906,686	849,159	828,348	810,383
Sound Transit	Fixed-Route	16,604,132	17,669,833	18,312,624	18,470,406	18,374,834
Sound Transit	Commuter Rail	2,968,041	3,361,318	3,851,831	4,312,113	4,445,568
Sound Transit	Streetcar	962,306	973,605	973,412	938,315	972,998
Sound Transit	Light Rail	9,730,027	10,937,883	11,530,411	19,011,368	23,002,263
Total Passenger Trips		180,690,299	185,971,119	187,691,538	195,745,028	200,428,261

Source: Washington State Summary of Public Transportation



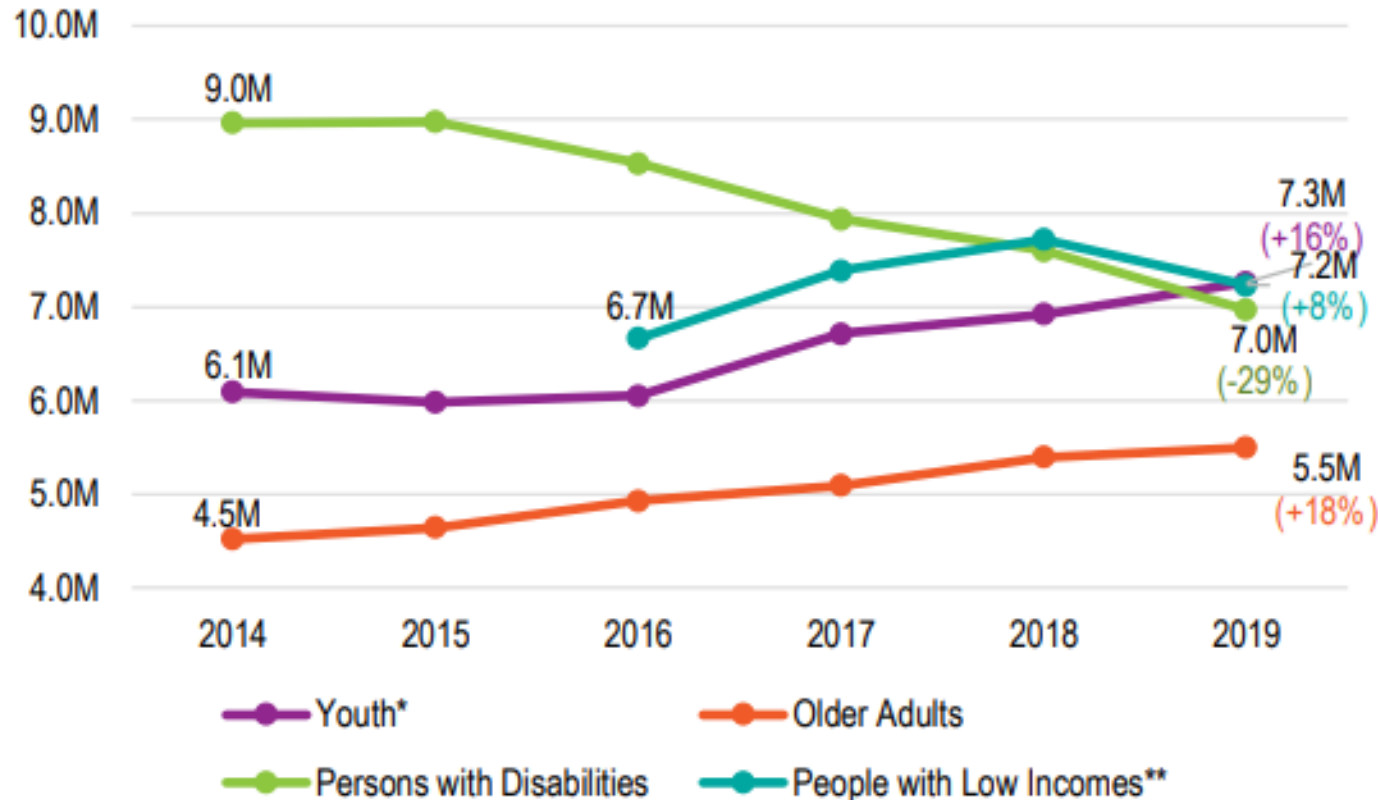
Fixed route ridership by populations/by day type

Route	Typology	October 2017 Average Ridership			% Special Needs Population Riders by Day Type				Special Needs Population Ridership by Day Type		
		Weekday	Saturday	Sunday	All	Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
101	Local	1,436	676	605	48.4%	47.1%	57.1%	54.5%	676	386	330
105	Local	1,210	436	326	52.7%	52.8%	42.9%	59.0%	639	187	192
106	Express	224			48.8%	48.8%			109		
107	Express	11			50.0%	50.0%			6		
109	Express	368	193	163	54.3%	56.5%	48.4%	40.9%	208	93	67
111	Express	35			22.2%	22.2%			8		
112	Local	847	359	269	57.7%	59.4%	42.2%	52.2%	503	152	140
113	Local	1,220	626	423	56.9%	57.1%	55.4%	55.4%	697	347	234
115	Local	1,923	808		33.1%	32.0%	44.7%	100.0%	615	361	-
116	Local	1,820	756	691	41.6%	40.8%	46.8%	45.3%	743	354	313
119	Local	671	257	184	67.3%	67.7%	64.1%	66.7%	454	165	123
120	Local	850	289	232	37.5%	36.8%	42.4%	40.7%	313	122	94
130	Local	986	400	308	47.2%	48.0%	54.1%	29.3%	473	216	90
196	Local	709	416	321	52.9%	54.0%	49.3%	46.0%	383	205	148
201	Express	1,610	761		55.8%	54.8%	67.3%		882	512	
202	Express	1,533	843	886	56.3%	55.3%	55.1%	64.6%	848	465	572
209	Local	263	207	163	47.0%	45.0%	55.3%	50.0%	118	115	82
220	Local	165	113	95	67.7%	65.7%	64.3%	85.7%	108	73	81
222	Local	333	279	219	60.2%	60.8%	53.3%	63.0%	202	149	138
227	Express	75			4.5%	4.5%			3		
230	Express	29			42.9%	42.9%			12		
240	Local	186	118	111	62.5%	62.8%	44.4%	86.7%	117	52	96
247	Express	81			20.0%	20.0%			16		
270	Express	242			65.7%	65.7%		66.7%	159		-



Example of chart/graphics—Transit

Figure 17. Regional ORCA Boardings by Passenger Type



*Youth: King County Metro and Sound Transit ORCA Summer Youth Promotion June – September 2017

**People with Low Incomes : ORCA LIFT launched March 2015 on King County Metro Sound Transit Link and in April 2016 on Sound Transit Express & Sounder Commuter Rail



Service Provided by Other Specialized Transportation Providers



Types of trends data in current plan—Specialized Transportation (operations)

Other Specialized Transportation Providers:

- Non-profit/human services demand response shuttles
- Non-emergency medical transportation (NEMT)
- Volunteer transportation
- Other customized transportation services

Data derived from QPRs & directly received from providers

Types of trends data in current plan—Specialized Transportation (operations)

Data derived from QPRs and received from agencies:

- Revenue Vehicle Hours
- Revenue Vehicle Miles
- Passenger Trips

Sample QPR data—specialized transportation

	2015		2016						
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	C
Revenue Vehicle Hours	5546	5227	5103	5113	4804	0	0	0	
Projected Revenue Vehicle Hours	5728	5728	5728	5728	5728	5728	5728	5728	
Revenue Vehicle Miles	67323	60810	63418	71937	66139	0	0	0	
Projected Revenue Vehicle Miles	11608	11608	11608	11608	11608	11608	11608	11608	
Passenger Trips (one-way boardings)	11600	10099	10058	10169	8738	0	0	0	
Projected Passenger Trips	62586	62586	62586	62586	62586	62586	62586	62586	
TOTAL PROJECT COST	\$ 324,676	\$ 292,365	\$ 284,652	\$ 251,118	\$ 248,271	\$ -	\$ -	\$ -	



Data Collection Template–Operations

Operations		
Year	2015	2016
Annual Program Cost	N/A	N/A
Number of Passenger Trips (one-way)	N/A	N/A
Revenue Vehicle Miles	N/A	N/A
Revenue Vehicle Hours	N/A	N/A



Data Collection Template–Medical Transportation

Medical Transportation		
Year	2015	2016
Annual Program Cost		
Number of Emergency Medical Trip (one-way)		
Number of Non-emergency Medical Trip (one-way)		
Number of Unique Passengers Served		
Number of Lift Usage		

Service Provided by Mobility Management Programs



Types of trends data in current plan—Mobility Management

Mobility Management Programs:

- Mobility coalitions
- Information referral & assistance (call centers)
- Travel training

Types of trends data in current plan—Mobility Management

Data derived from QPRs. Common metrics are:

- Informational Events/Resources & Clients Reached
- Training & Clients Trained
- Meetings & Meeting Attendance
- Volunteers & Volunteer Hours
- Surveys & Survey Responses

Sample QPR data

Sponsor	Project Title	Number of Informational Events & Resources	Clients Contacted through Informational Events & Resources	Number of Online Resources	Number of People Contacted through Online Resources	Number of Trainings	Number of Clients Trained	Number of Surveys	Number of Survey Responses	Number of Meetings Organized	Total Attendance at Meetings	Number of Volunteer Hours	Number of Volunteer Hours	Total Costs
Hopelink	Mobility Management King County 2017-2019	464	14636	2	6216	87	735	1	550	43	702	0	0	\$681,032.46
Hopelink	RARET	0	0	0	0	9	310	0	0	23	180	0	0	\$207,442.59
Homage	TAP Outreach	0	0	0	0	1106	526	0	0	0	0	0	0	\$78,654.66
Pierce County Community Connections	Mobility Management	46	675	0	0	2	0	0	0	2	0	0	0	\$216,864.51

Some quarterly reports were missing and omitted certain measures so statistics were incomplete.



Data Collection Template–Information Referral

Mobility Management--Information Referral & Assistance Services		
Year	2015	2016
Annual Program Cost		
Number of Clients Receiving Trip Planning Services		
Number of Calls Fielded		
Number of Website Clicks or Impressions		
Number of Trips Planned		
Number of Referrals Made		



Data Collection Template–Mobility Coalitions

Mobility Management--Mobility Coalitions		
Year	2015	2016
Annual Program Cost		
Number of Mobility Coalition Meetings		
Number of Mobility Coalition Meeting Participants (Excluding your own agency's staff)		
Number of Unique Agencies Represented at the Meetings		



Data Collection Template–Travel Training

Mobility Management--Travel Training		
Year	2015	2016
Number of trainings provided to clients		
Number of unduplicated clients trained		
Number of unduplicated organizational staff trained		
Number of trainings provided to organizational staff		



Discussion

In March, SNTC suggested collecting...

- Ridership
- Ride requests vs. denials data



DRAFT list of trends data for collection

From transit agencies or other sources:

- ORCA usage data (including LIFT, ORCA Youth, RRFP, etc.)
- Lift usage data
- ADA paratransit ridership (National Transit Database)
- ADA paratransit eligibility review data*
- ADA paratransit requests and denials*
- MOD/Micro-transit ridership by priority populations*

*=not collected for the current plan

DRAFT list of trends data for collection

From other transportation providers:

- Specialized transportation ridership by priority populations
- Specialized transportation requests and denials*
- Lift usage data
- Costs and metrics associated with operating various programs

*=not collected for the current plan

Mobility Management:

- Metrics associated with mobility management programs by service type

Next Steps

- Revise the data collection template and list of trends data
- Obtain and review quarterly reports from WSDOT
- Review resources and collect data from agencies
- Explore the best use of collected data



A large, colorful glass sphere sculpture is the central focus, surrounded by many smaller spheres of various colors (blue, red, yellow, green, purple) scattered across a paved courtyard. In the background, a modern building with a glass facade reflects the scene. The text "Thank You!" is overlaid on the left side of the image.

Thank You!

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