

2021 Community Risk Profile Summary

King County

February 2021

Indicators associated with substance use prevention and mental health promotion.

Presented at the State, County, and School District level for use by communities in directing their resources and in seeking additional funding.



CONTRIBUTORS

DSHS Research and Data Analysis Division: Aaron Starks, MA | Grace Hong, PhD | Irina Sharkova, PhD

In collaboration with the HCA Division of Behavioral Health and Recovery, Substance Use Disorder Prevention and Mental Health Promotion Section:

Kasey Kates, MSW, Policy and Program Supervisor | Sandy Salivaras, MSc, MPH, Epidemiological Prevention Research and Evaluation Manager | Sarah Mariani, CPP, Section Manager

ABOUT THIS REPORT

This summary report has been developed for the Community Prevention and Wellness Initiative (CPWI) to assist coalitions in their prevention strategic planning. We have included data from your county, presented by school district, for the assessment of problems associated with substance use. This report is intended to serve as a starting point for your planning and assessment work. Additional data that can only be collected locally will help with the interpretation of the data and in other ways enhance this assessment process.

The Community Prevention and Wellness Initiative is a project of the Health Care Authority's Division of Behavioral Health and Recovery (DBHR) in collaboration with the Office of the Superintendent of Schools (OSPI). The Department of Social and Health Services' Division of Research and Data Analysis is a key partner that leads the publication of this report and the associated data.

ABOUT THE DATA

The CORE contains archival indicators (or social indicators) that are highly correlated with adolescent substance use, and the risk factors that predict substance use. There are currently 47 indicators, most of which originate from the Department of Health, Department of Social and Health Services, Uniform Crime Report/National Incident-Based Reporting System, and the Office of the Superintendent of Public Instruction. The data are published twice a year on a public website, and reported at the lowest feasible geography level: state, county, school district/community, and locale (a geography that incorporates more than one school district when the base population of the school district is too low for reliable reporting). See <https://www.dshs.wa.gov/ffa/research-and-data-analysis/community-risk-profiles>.

The Risk Rankings table(s) and maps have been developed using the data from CORE and Healthy Youth Survey (HYS). School district-level and more detailed HYS data are password protected and require a data sharing agreement with the Department of Health. State and county reports are available to the public at AskHYS.net.

FOR MORE INFORMATION

Questions about this report or the Community Prevention and Wellness Initiative may be directed to the DBHR Training team at PxTraining@hca.wa.gov.

KING COUNTY		RISK RANKING		RISK CATEGORY RANK		CONTEXTUAL INDICATORS	
School District	Population: Age 10-17*	Rank for Variable	Indicators with Data	ATMO Consumption	Consequence	Economic Deprivation	Troubled Family
Auburn	11,057	40	22	Average	Average	Average	Average
Bellevue	12,814	3	22	Very Low	Very Low	Very Low	Very Low
Enumclaw	3,293	50	22	Average	Average	Low	Low
Federal Way	16,653	48	22	Average	Average	Average	Average
Highline	13,341	54	22	Average	Average	Average	Average
Issaquah	13,497	1	22	Very Low	Very Low	Very Low	Very Low
Kent	20,684	36	22	Average	Average	Average	Average
Lake Washington	18,608	6	22	Low	Very Low	Very Low	Very Low
Mercer Island	3,097	5	22	Low	Very Low	Very Low	Very Low
Northshore	15,154	4	22	Very Low	Very Low	Very Low	Very Low
Renton	11,480	37	22	Average	Average	Average	Low
Riverview	2,608	16	22	Low	Low	Very Low	Very Low
Shoreline	6,495	20	22	Average	Low	Low	Low
Skykomish	35	.	0	No Data	No Data	Average	Very High
Snoqualmie Valley	4,688	13	22	Average	Very Low	Very Low	Very Low
South Central-Tukwila	1,915	27	22	Low	Average	High	No Data
Tahoma	5,602	15	22	Low	Low	Very Low	Low
Vashon Island	1,147	19	22	Average	Very Low	Very Low	Low

NOTES:

This risk profile reflects the risk levels of this county as of February 2021. School districts with no high schools are not included in this summary. Please note risk levels and risk rankings may change over time.

The ATMO consumption risk score is calculated from prevalence of alcohol, tobacco, marijuana, and prescription opioids use. The consequence risk score is calculated from school performance, youth delinquency, and mental health indicators. The overall risk ranking is not computed if either consumption or consequence score is missing.

A Risk Category Rank of "Very High" indicates the referenced School District Risk Score was in the top 10% of School Districts in the risk category.

A Risk Category Rank of "High" indicates the referenced School District Risk Score was in the top 25% of School Districts in the risk category.

A Risk Category Rank of "Average" indicates the referenced School District Risk Score was between 25% and 75% of School Districts in the risk category.

A Risk Category Rank of "Low" indicates the referenced School District Risk Score was in the bottom 25% of School Districts in the risk category.

A Risk Category Rank of "Very Low" indicates the referenced School District Risk Score was in the bottom 10% of School Districts in the risk category.

Review Considerations

- 1) To get an overall sense of risk severity for both consumption and consequence, examine the "Risk Percentile". It reflects what % of School District had a Risk Score LOWER than the referenced School District.
- 2) To ensure that the risk score is meaningful, examine the "Indicators with data" column. Risk scores based on few indicators should be interpreted with caution. In total, 21 indicators were used.
- 3) To consider other contextual information, examine the "Population: Age 10-17", "economic deprivation" indicator, and the "troubled family" indicator. Note the "Population 10-17 year olds" value may be greater than district enrollment as it accounts for kids not in school as well as those in private schools.

* This is a 5-year average value.

SEATTLE PUBLIC SCHOOLS		RISK RANKING		RISK CATEGORY RANK		CONTEXTUAL INDICATORS	
High School	Population: Age 10-17*	Rank for Variable	Indicators with Data	ATMO Consumption	Consequence	Economic Deprivation	Troubled Family
Ballard HS	5,833	40	22	Average	Low	Very Low	Very Low
Chief Sealth HS	4,073	47	22	Average	Average	High	Average
Franklin HS	4,932	18	22	Low	Low	Average	Low
Garfield HS	5,565	35	22	Average	Low	Average	Average
Ingraham HS	3,703	37	22	Average	Low	Low	No Data
Nathan Hale HS	3,612	33	22	Average	Low	Low	Low
Rainier Beach HS	3,355	29	22	Low	Average	High	No Data
Roosevelt HS	5,522	26	22	Average	Very Low	Very Low	Very Low
West Seattle HS	3,279	16	22	Average	Very Low	Very Low	Very Low

NOTES:

This risk profile reflects the risk levels of this county as of February 2021. Please note risk levels and risk rankings may change over time.

The ATMO consumption risk score is calculated from prevalence of alcohol, tobacco, marijuana, and prescription opioids use. The consequence risk score is calculated from school performance, youth delinquency, and mental health indicators. The overall risk ranking is not computed if either consumption or consequence score is missing.

A Risk Category Rank of "Very High" indicates the referenced High School Risk Score was in the top 10% of High Schools in the risk Category.

A Risk Category Rank of "High" indicates the referenced High School Risk Score was in the top 25% of High Schools in the risk Category.

A Risk Category Rank of "Average" indicates the referenced High School Risk Score was between 25% and 75% of High Schools in the risk Category.

A Risk Category Rank of "Low" indicates the referenced High School Risk Score was in the bottom 25% of High Schools in the risk Category.

A Risk Category Rank of "Very Low" indicates the referenced High School Risk Score was in the bottom 10% of High Schools in the risk Category.

Review Considerations

1) To get an overall sense of risk severity for both consumption and consequence, examine the "Risk Percentile". It reflects what % of High Schools had a Risk Score LOWER than the referenced High School.

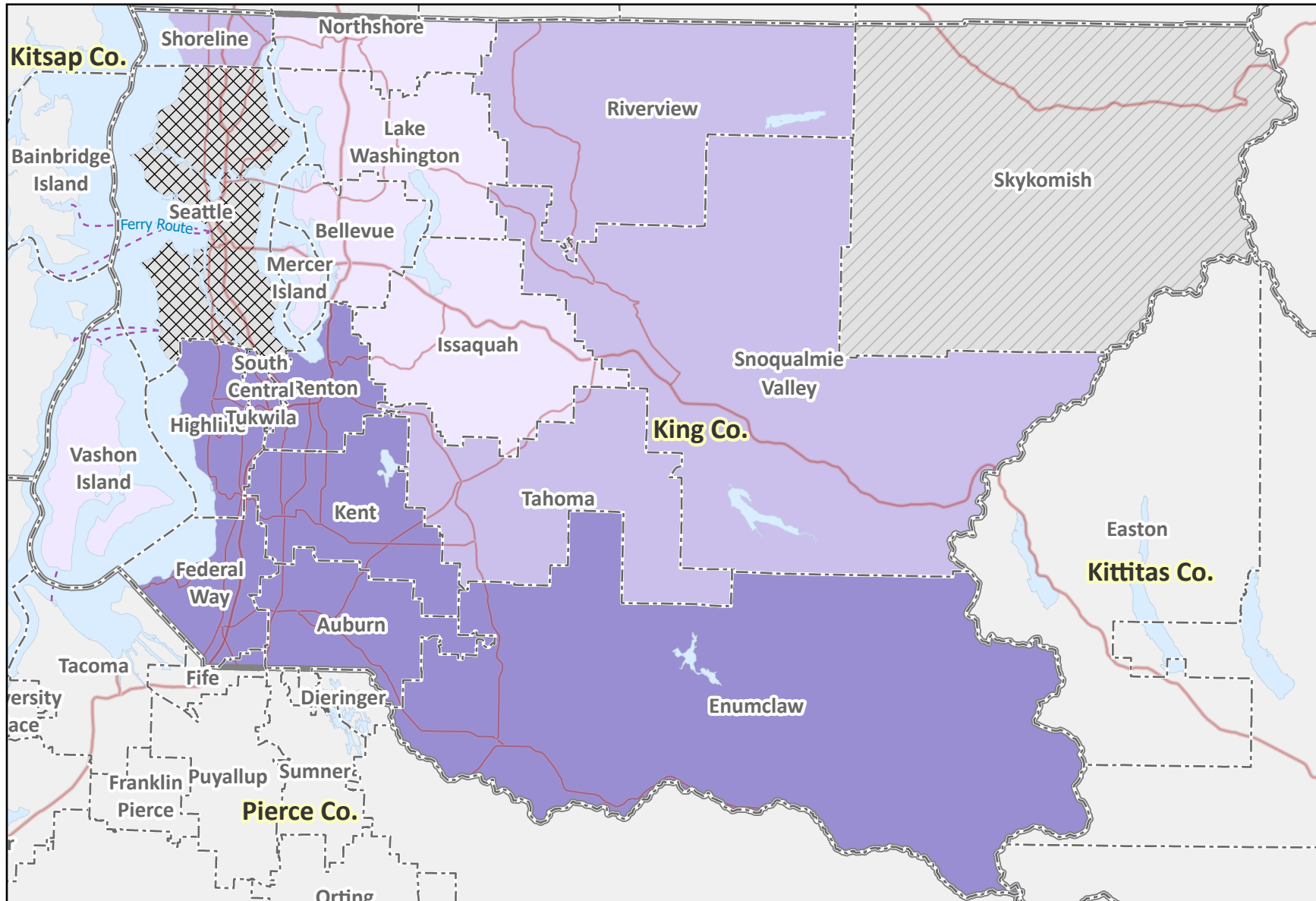
2) To ensure that the risk score is meaningful, examine the "Indicators with data" column. Risk scores based on few indicators should be interpreted with caution. In total, 21 indicators were used.

3) To consider other contextual information, examine the "Population: Age 10-17", "economic deprivation" indicator, and the "troubled family" indicator. Note the "Population 10-17 year olds" value may be greater than district enrollment as it accounts for kids not in school as well as those in private schools.

* This is a 5-year average value.

Marijuana Composite Ranking

by School District, King County



Composite Risk Ranking

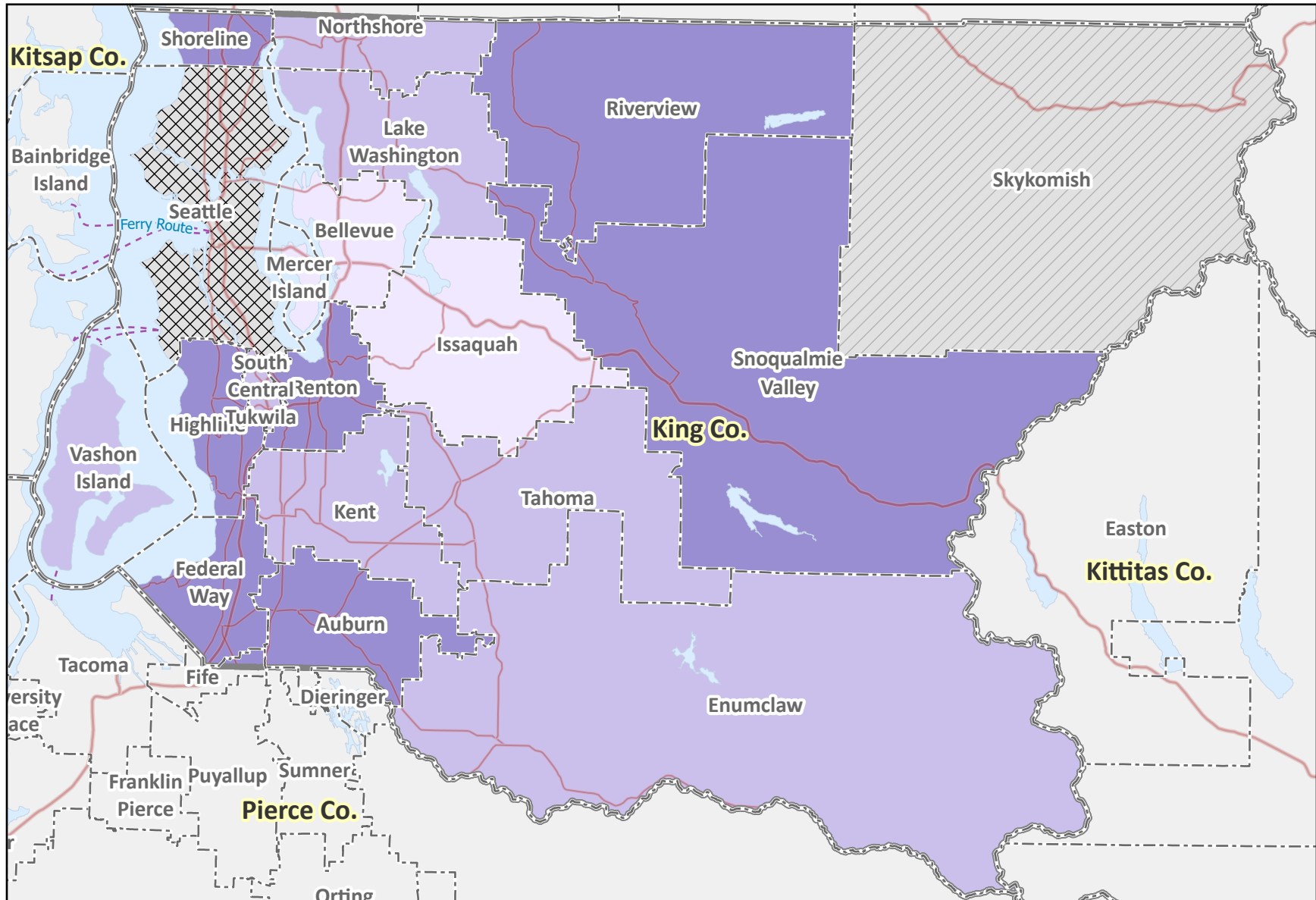
Very High 90 - 99	High 75 - 89	Average 25 - 74	Low 10 - 24	No data	See HSAA maps	School Districts	Counties	Highways and Major Roads	Water Bodies
-------------------	--------------	-----------------	-------------	---------	---------------	------------------	----------	--------------------------	--------------

DATA NOTES: The percentile of the composite risk scores. The composite risk scores were calculated using standardized indicators in marijuana consumption and consequence. Cartography: Irina Sharkova and Steve Leibenguth.

SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).

Marijuana Consumption Ranking

by School District, King County



Consumption Risk Ranking

Very High 90 - 99	High 75 - 89	Low 10 - 24	No data	School Districts	Highways and Major Roads
Average 25 - 74	Very Low 0 - 9	See HSAA maps	Counties	Water Bodies	



Transforming lives

DATA NOTES: The percentile of the consumption risk scores. The composite risk scores were calculated using standardized indicators in marijuana consumption based on the 2018 HYS data. Cartography: Irina Sharkova and Steve Leibenguth.

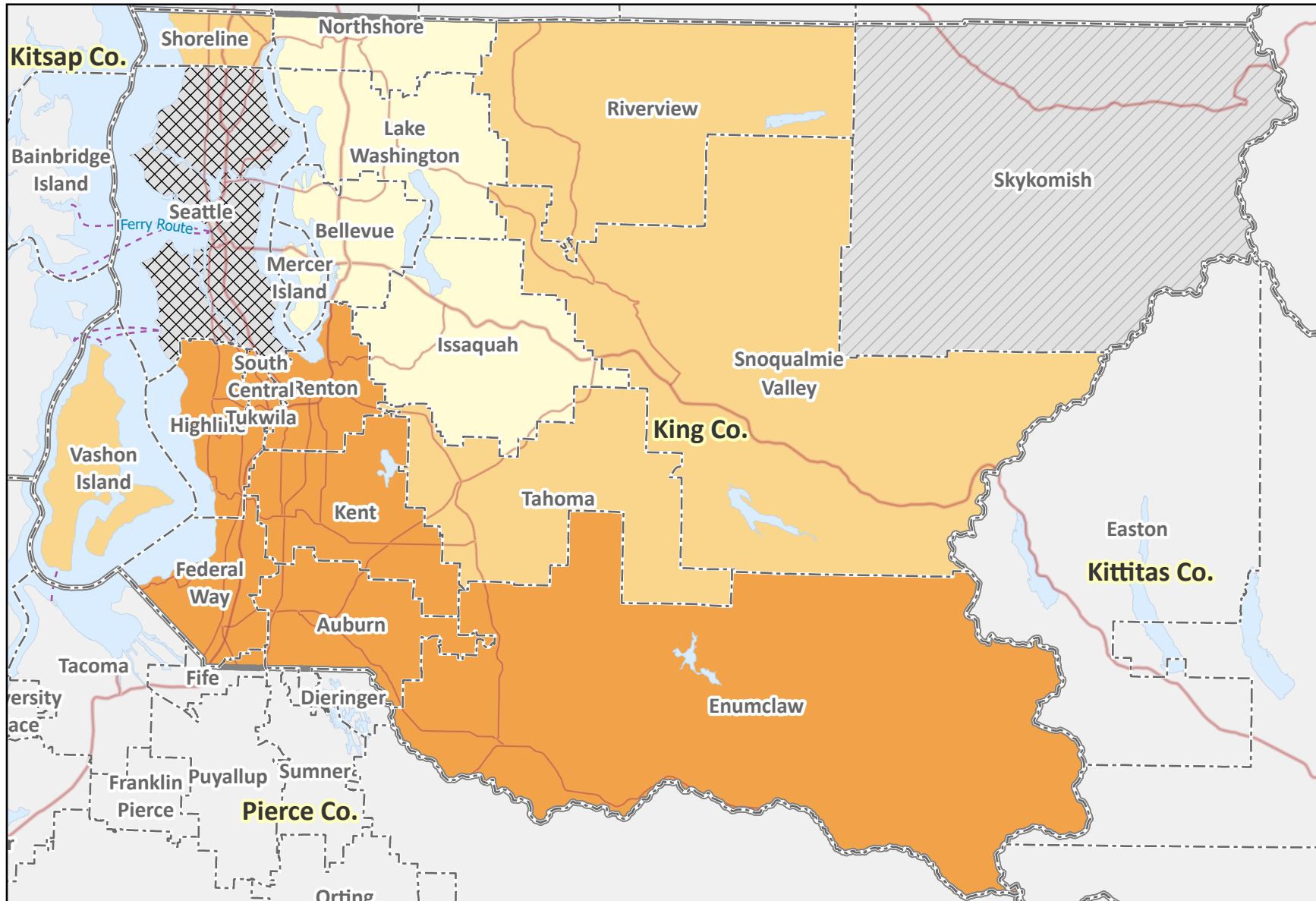
SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).



February 2021

Alcohol, Tobacco, Marijuana and Prescription Opioids Composite Ranking

by School District, King County



Composite Risk Ranking

Very High 90 - 99	High 75 - 89	Average 25 - 74	Low 10 - 24	Very Low 0 - 9	No data	See HSAA maps	School Districts	Counties	Highways and Major Roads	Water Bodies
-------------------	--------------	-----------------	-------------	----------------	---------	---------------	------------------	----------	--------------------------	--------------



Transforming lives

DATA NOTES: The percentile of the composite risk scores. The composite risk scores were calculated using standardized indicators in the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption and consequence. Cartography: Irina Sharkova and Steve Leibenguth.

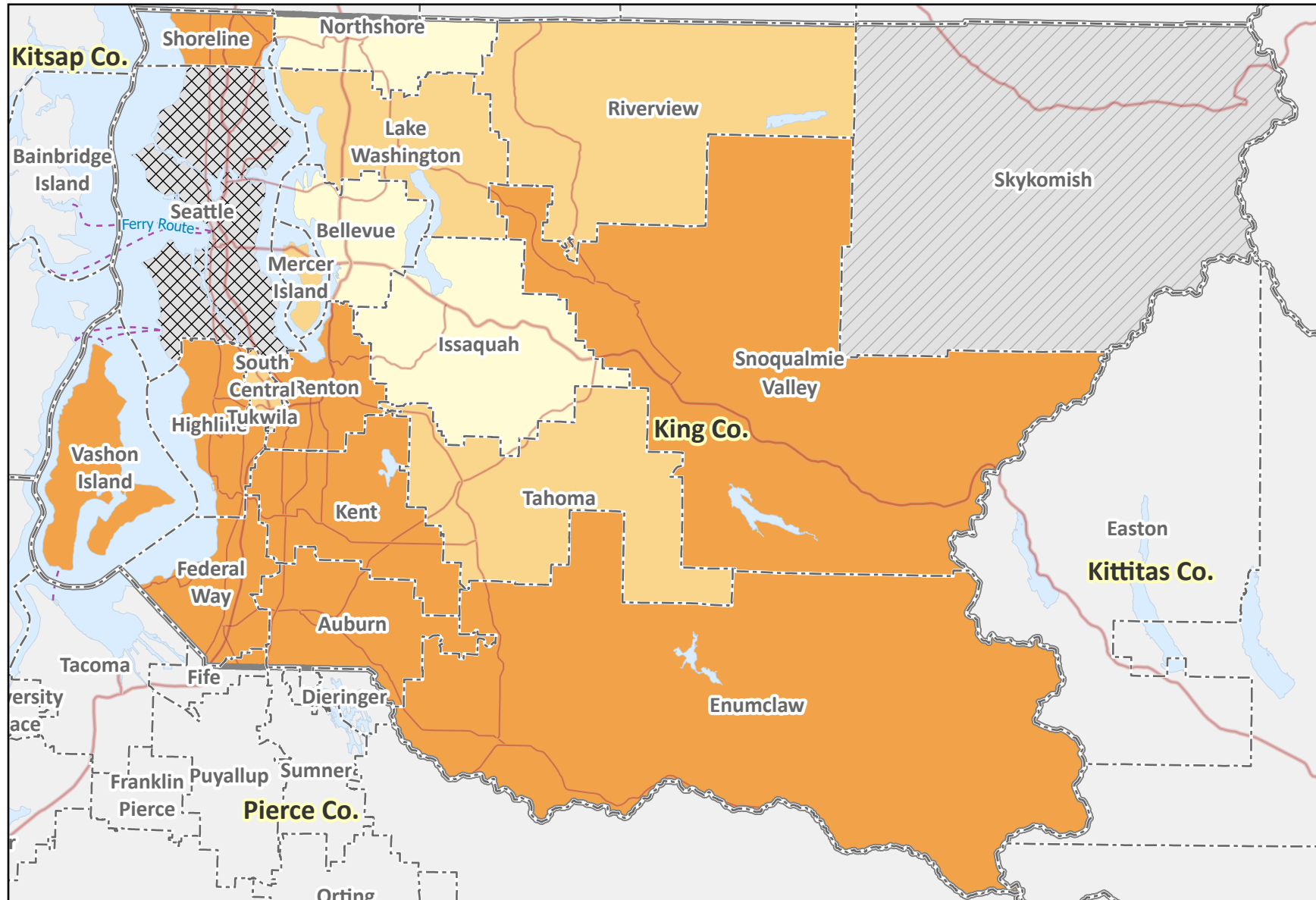
SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).



February 2021

Alcohol, Tobacco, Marijuana and Prescription Opioids Consumption Ranking

by School District, King County

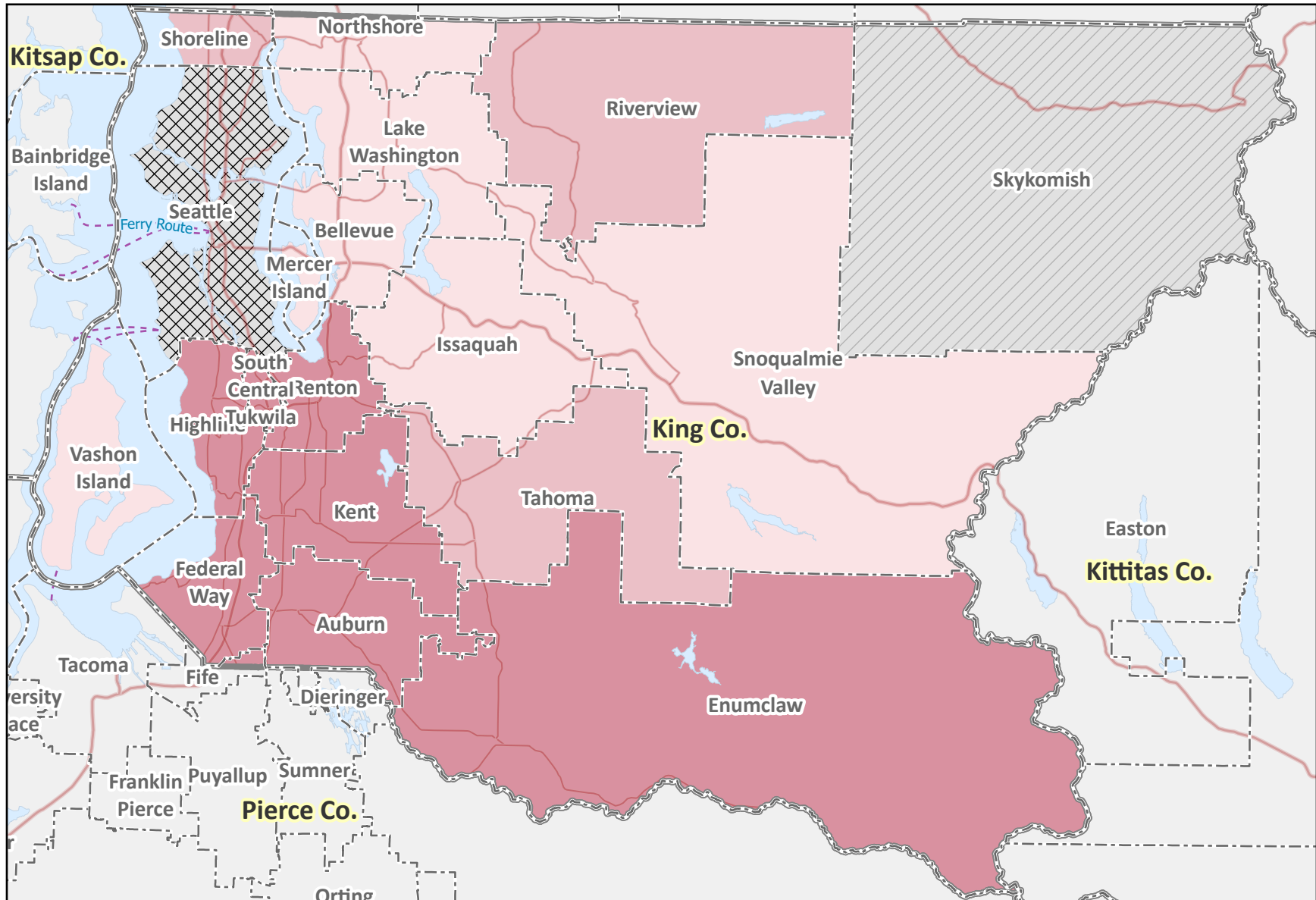


Consumption Risk Ranking

Very High 90 - 99	Average 25 - 74	Low 10 - 24	Very Low 0 - 9	No Data	See HSAA maps	School Districts	Counties	Highways and Major Roads	Water Bodies
-------------------	-----------------	-------------	----------------	---------	---------------	------------------	----------	--------------------------	--------------

Consequence Risk Ranking

by School District, King County

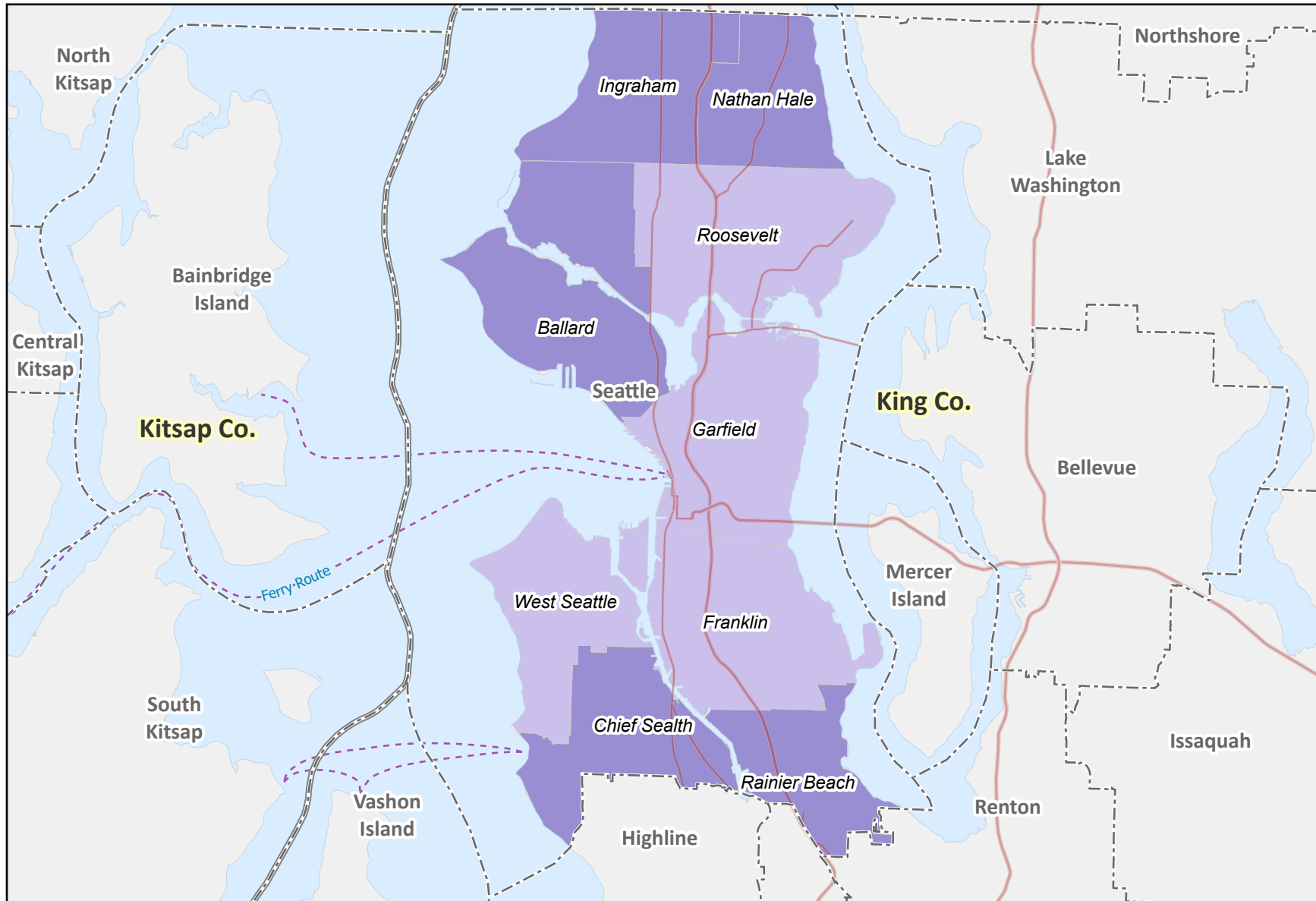


Consequence Risk Ranking

 Very High 90 - 99	 High 75 - 89	 Average 25 - 74	 Low 10 - 24	 No Data	 School Districts	 Highways and Major Roads
			 Very Low 0 - 9	 See HSAA maps	 Counties	 Water Bodies

Marijuana Composite Ranking

by High School Attendance Area, Seattle Public Schools



Composite Risk Ranking

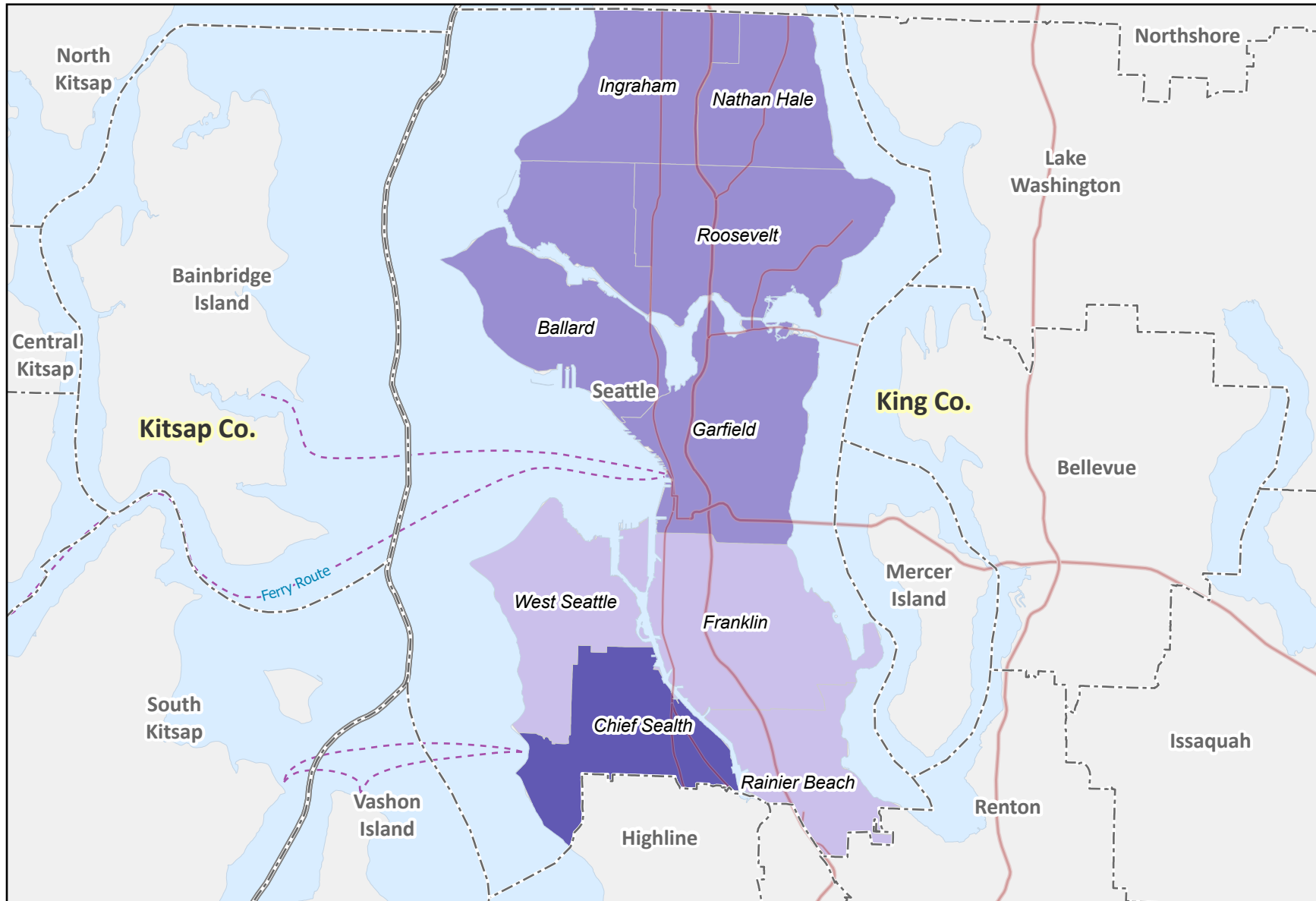
	High 75 - 89		Low 10 - 24		No data		School Districts		Highways and Major Roads
	Very High 90 - 99		Average 25 - 74		Very Low 0 - 9		Counties		Water Bodies

DATA NOTES: The percentile of the composite risk scores. The composite risk scores were calculated using standardized indicators in marijuana consumption and consequence. Cartography: Irina Sharkova and Steve Leibenguth.

SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).

Marijuana Consumption Ranking

by High School Attendance Area, Seattle Public Schools



Consumption Risk Ranking

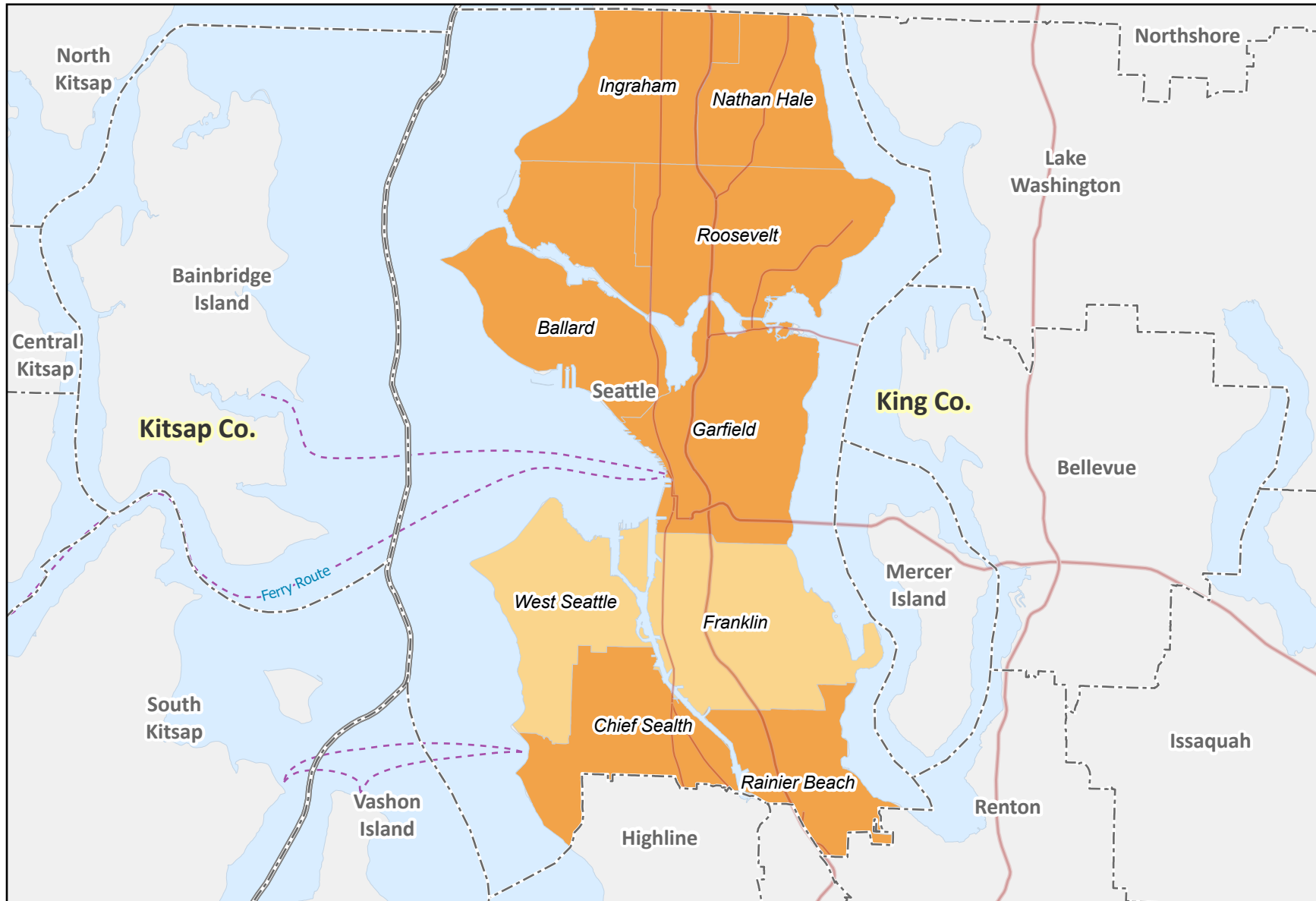
Very High 90 - 99	High 75 - 89	Average 25 - 74	Low 10 - 24	No data	School Districts	Highways and Major Roads
		Very Low 0 - 9		Counties	Water Bodies	

DATA NOTES: The percentile of the consumption risk scores. The composite risk scores were calculated using standardized indicators in marijuana consumption based on the 2018 HYS data. Cartography: Irina Sharkova and Steve Leibenguth.

SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).

Alcohol, Tobacco, Marijuana and Prescription Opioids Composite Ranking

by High School Attendance Area, Seattle Public Schools



Composite Risk Ranking

Very High 90 - 99	High 75 - 89	Average 25 - 74	Low 10 - 24	Very Low 0 - 9	No data	School Districts	Highways and Major Roads
					Counties	Water Bodies	



Transforming lives

DATA NOTES: The percentile of the composite risk scores. The composite risk scores were calculated using standardized indicators in the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption and consequence. Cartography: Irina Sharkova and Steve Leibenguth.

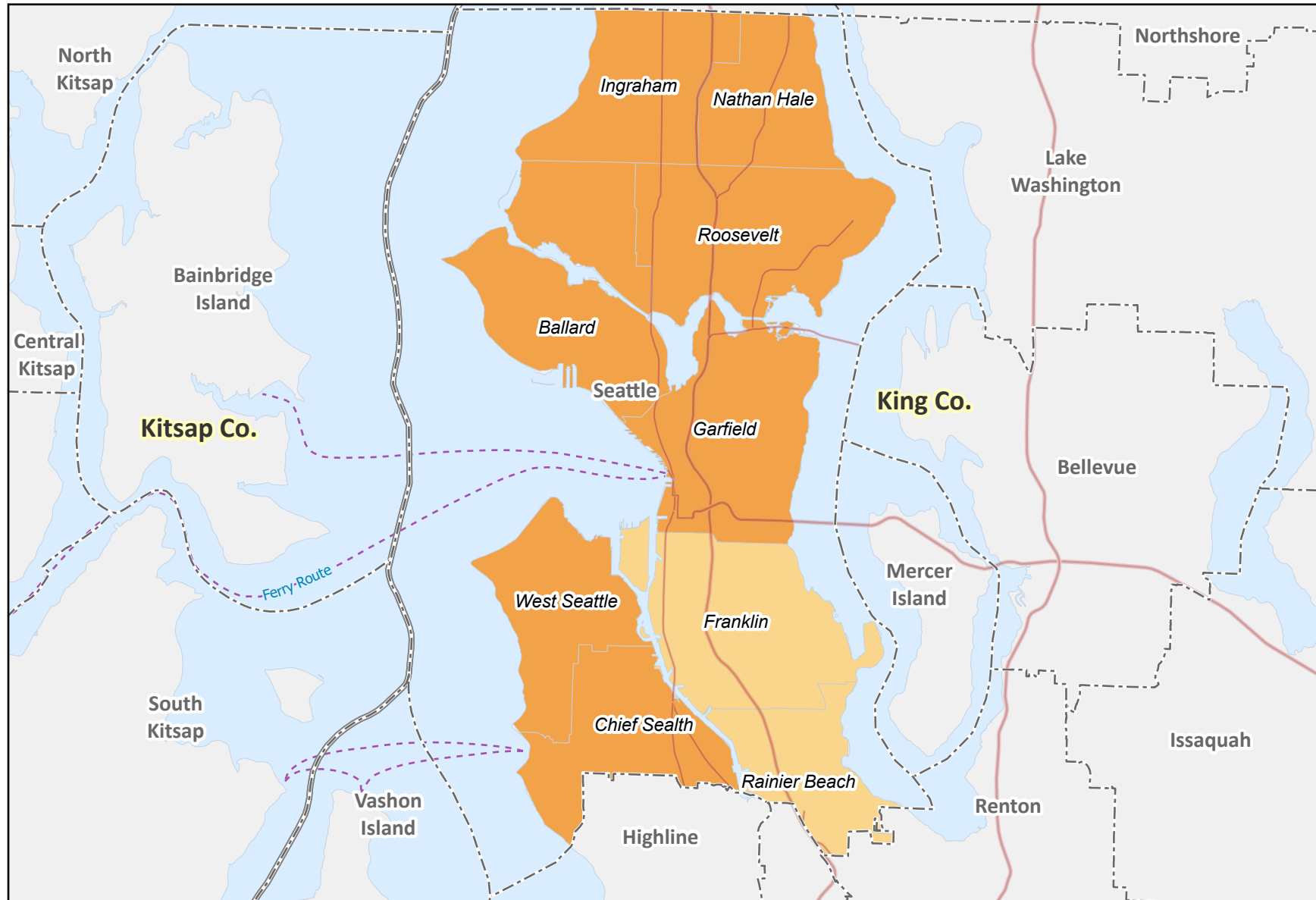
SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).



February 2021

Alcohol, Tobacco, Marijuana and Prescription Opioids Consumption Ranking

by High School Attendance Area, Seattle Public Schools



Consumption Risk Ranking
 Very High 90 - 99 (Dark Orange) High 75 - 89 (Medium Orange) Low 10 - 24 (Light Orange) No Data (Hatched) School Districts (Dashed Line) Highways and Major Roads (Red Line)
 Average 25 - 74 (Medium Orange) Very Low 0 - 9 (Light Yellow) Counties (Grey Box) Water Bodies (Blue)



Transforming lives

DATA NOTES: The percentile of the consumption risk scores. The consumption risk scores were calculated using standardized indicators in the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption based on the 2018 HYS. Cartography: Irina Sharkova and Steve Leibenguth.

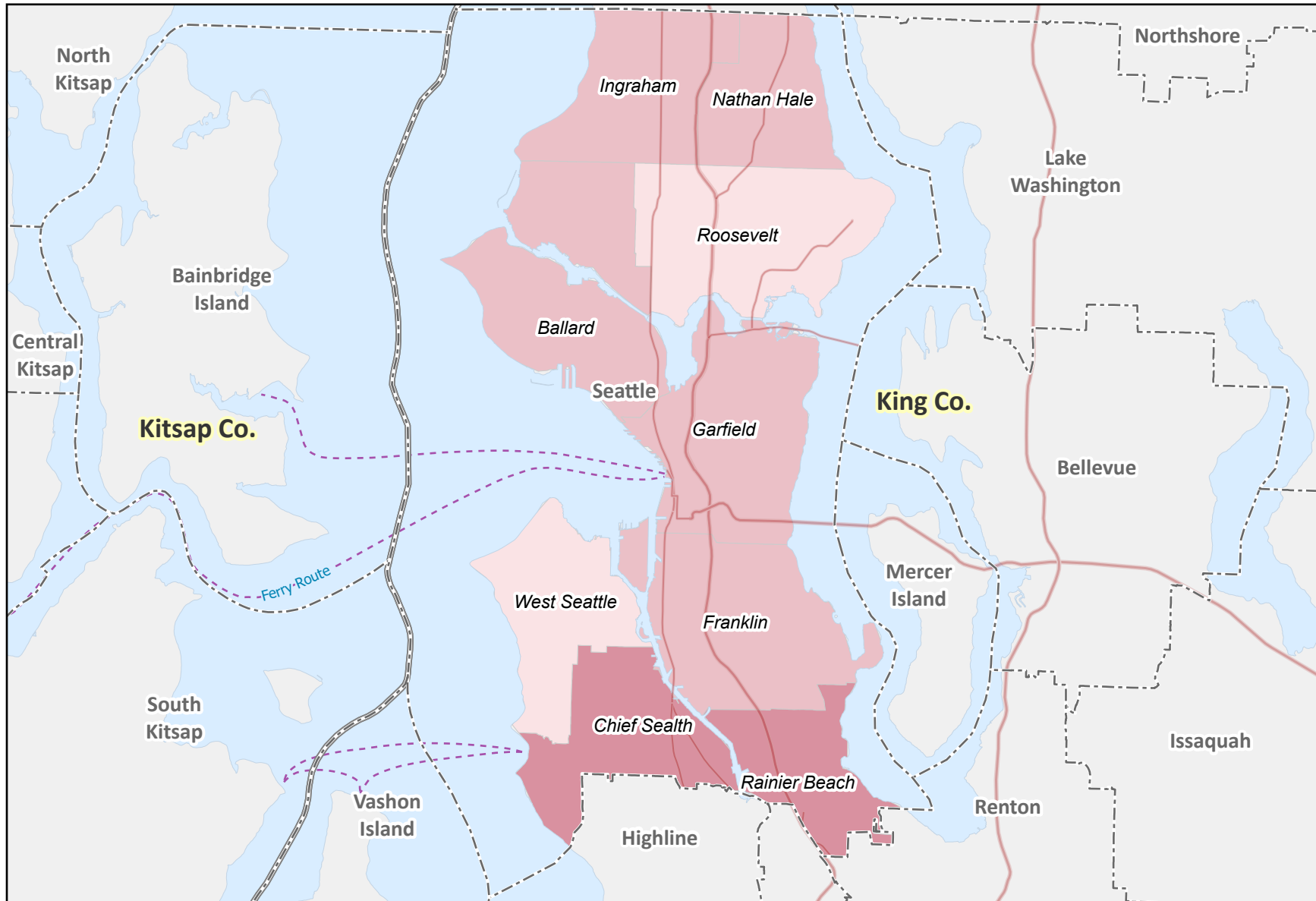
SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).



February 2021

Consequence Risk Ranking

by High School Attendance Area, Seattle Public Schools



Consequence Risk Ranking

 Very High 90 - 99	 High 75 - 89	 Average 25 - 74	 Low 10 - 24	 No Data	 School Districts	 Highways and Major Roads	 Counties	 Water Bodies
--	---	--	--	--	---	--	--	---

DATA NOTES: The percentile of the consequence risk scores. The consequence risk scores were calculated using standardized indicators in three sub-domains: school performance, youth delinquency, and mental health. Cartography: Irina Sharkova and Steve Leibenguth.
SOURCE: DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (CORE GIS).