

2023 Community Risk Profile Summary

Pierce County

March 2023

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

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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.

ATTENTION! HYS 2021 is different from past surveys in several ways, so caution should be used when comparing HYS 2021 results to prior survey years/trends:

- The pandemic has likely influenced student behaviors and responses to the survey;
- There was a three-year gap (2018 to 2021) instead of the usual two-year gap - delaying the survey by a year changed the group/cohort of students being surveyed;
- This was the first time the survey was administered electronically; ~2% of students took a paper-and-pencil survey, and ~2% of students took the survey remotely (not on school property)
- Future HYS cycles will tell us more about which changes or trends will continue and which were unique to 2021.

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.

PIERCE 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
Bethel	14,271	56	22	Average	Average	Average	Average
Clover Park	6,979	41	22	Low	Average	High	High
Eatonville	1,440	69	22	Average	Average	Average	Average
Fife	2,348	33	22	Average	Average	Average	Average
Franklin Pierce	5,336	56	22	Average	Average	High	No Data
Orting	1,837	68	22	Average	Average	Low	Low
Peninsula	7,263	16	22	Low	Low	Very Low	Low
Puyallup	15,640	.	3	No Data	No Data	Average	Average
Steilacoom Historical	2,194	.	3	No Data	No Data	Low	Low
Sumner	6,197	39	22	Average	Average	Low	Low
University Place	3,245	42	22	Average	Low	Average	Average
White River	2,894	.	3	No Data	No Data	Low	Low

NOTES:

* This is a 5-year average value.

This risk profile reflects the risk levels of this county as of March 2023. 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.

ATTENTION! HYS 2021 is different from past surveys in several ways, so caution should be used when comparing HYS 2021 results to prior survey years/trends:

- The pandemic has likely influenced student behaviors and responses to the survey;
- There was a three-year gap (2018 to 2021) instead of the usual two-year gap - delaying the survey by a year changed the group/cohort of students being surveyed;
- This was the first time the survey was administered electronically; ~2% of students took a paper-and-pencil survey, and ~2% of students took the survey remotely (not on school property)
- Future HYS cycles will tell us more about which changes or trends will continue and which were unique to 2021.

TACOMA PUBLIC SCHOOLS		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
Foss HS	5,736	66	22	Average	Average	Very High	Average
Lincoln HS (Tacoma)	7,849	71	22	Average	High	Very High	High
Mount Tahoma HS	7,334	77	13	High	Average	Very High	No Data
Stadium HS	7,834	19	22	Low	Average	Average	Average
Wilson HS	3,952	26	22	Average	Average	Average	Average

NOTES:

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This risk profile reflects the risk levels of this county as of MArch 2023. Please note risk levels and risk rankings may change over time.

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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.

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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.

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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.

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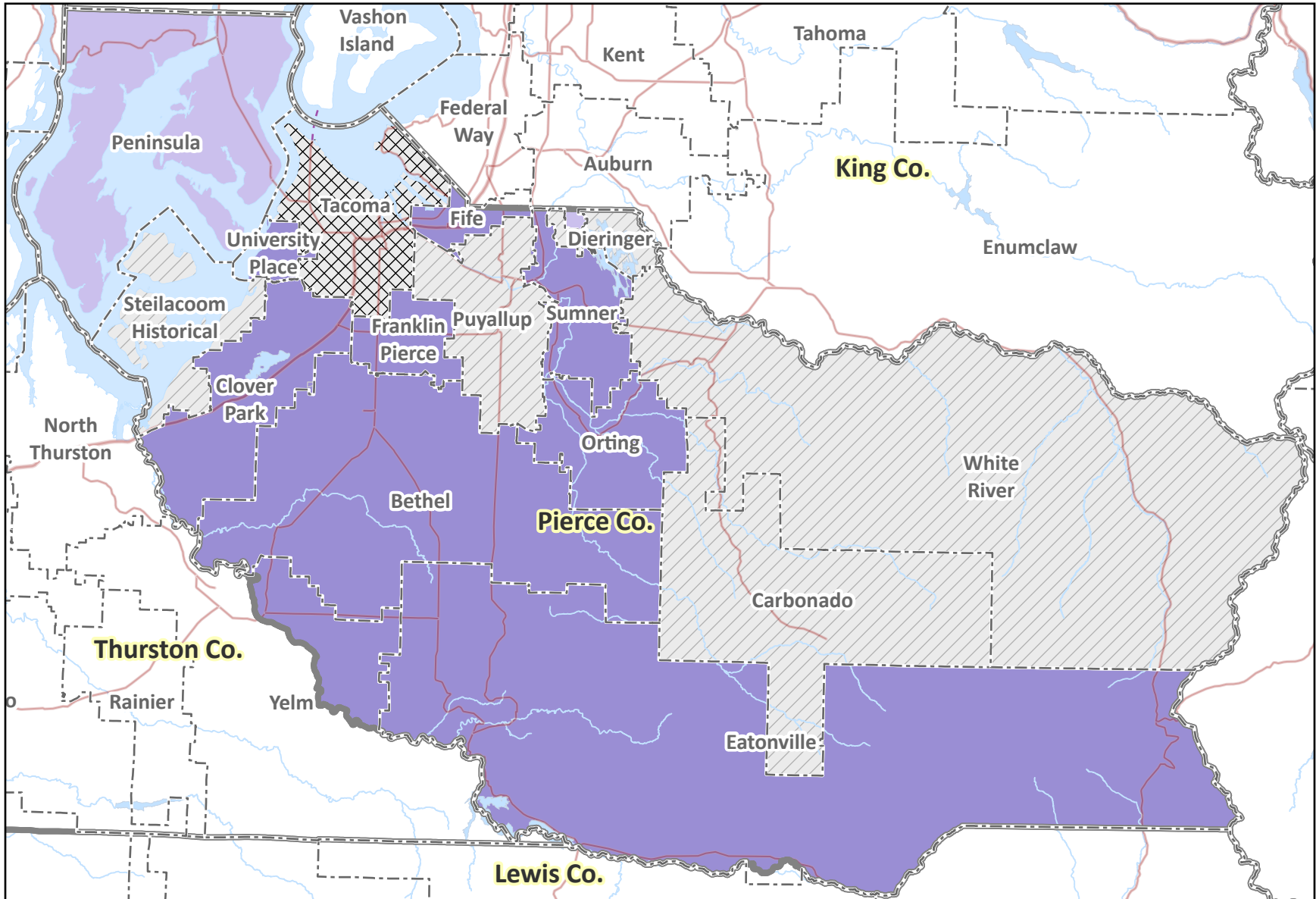
3) To consider other contextual information, examine the "Population: Age 10-17", "economic deprivation" indicator, and the "troubled family" indicator. Note the "Population 10-17 year olds" value may be greater than district enrollment as it accounts for kids not in school as well as those in private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

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Marijuana Composite Ranking

by School District, Pierce County



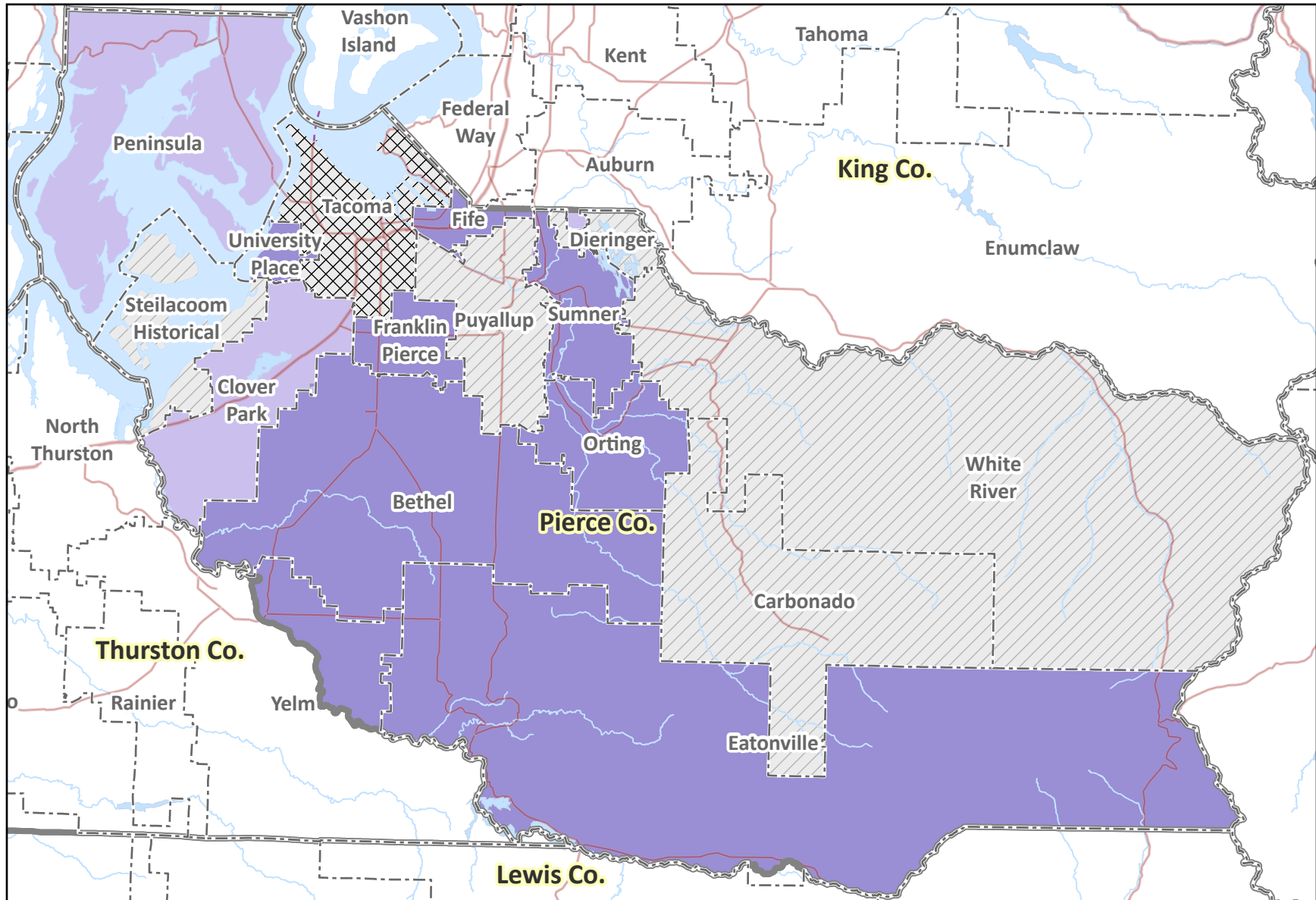
Composite Risk Ranking

Very High 90 - 99	High 75 - 89	Average 25 - 74	Low 10 - 24	Very Low 0 - 9	No data	See HSAA maps	School Districts	Highways and Major Roads	Counties	Water Bodies
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DATA NOTES: The percentile of the composite risk scores. The composite risk scores were calculated using standardized indicators in marijuana consumption and consequence. Based on 2021 HYS data. **CARTOGRAPHY:** Irina Sharkova and Steve Leibenguth. **SOURCE:** DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (COREGIS).

Marijuana Consumption Ranking

by School District, Pierce County

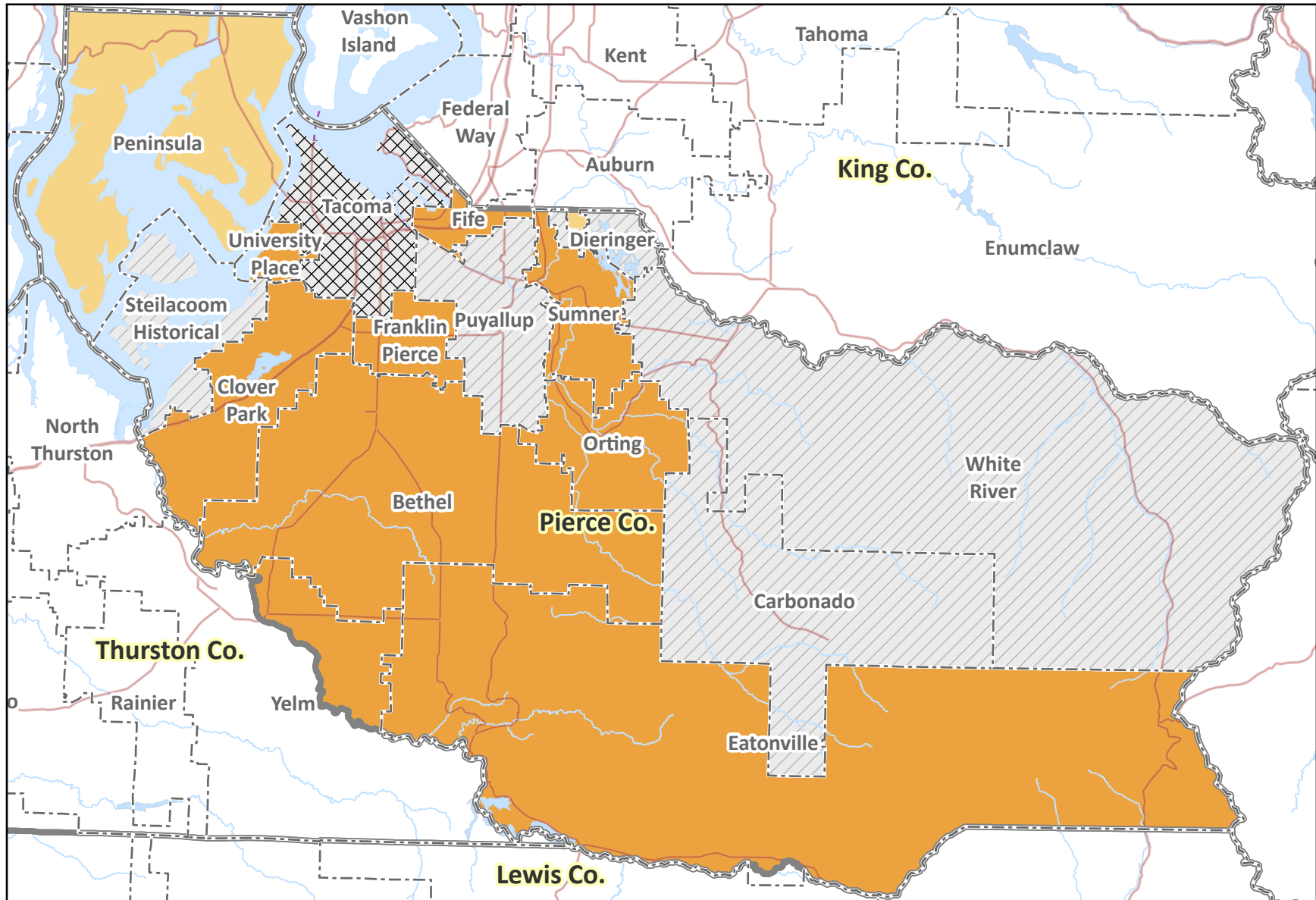


Consumption Risk Ranking

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	

Alcohol, Tobacco, Marijuana and Prescription Opioids Composite Ranking

by School District, Pierce County



Composite Risk Ranking

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



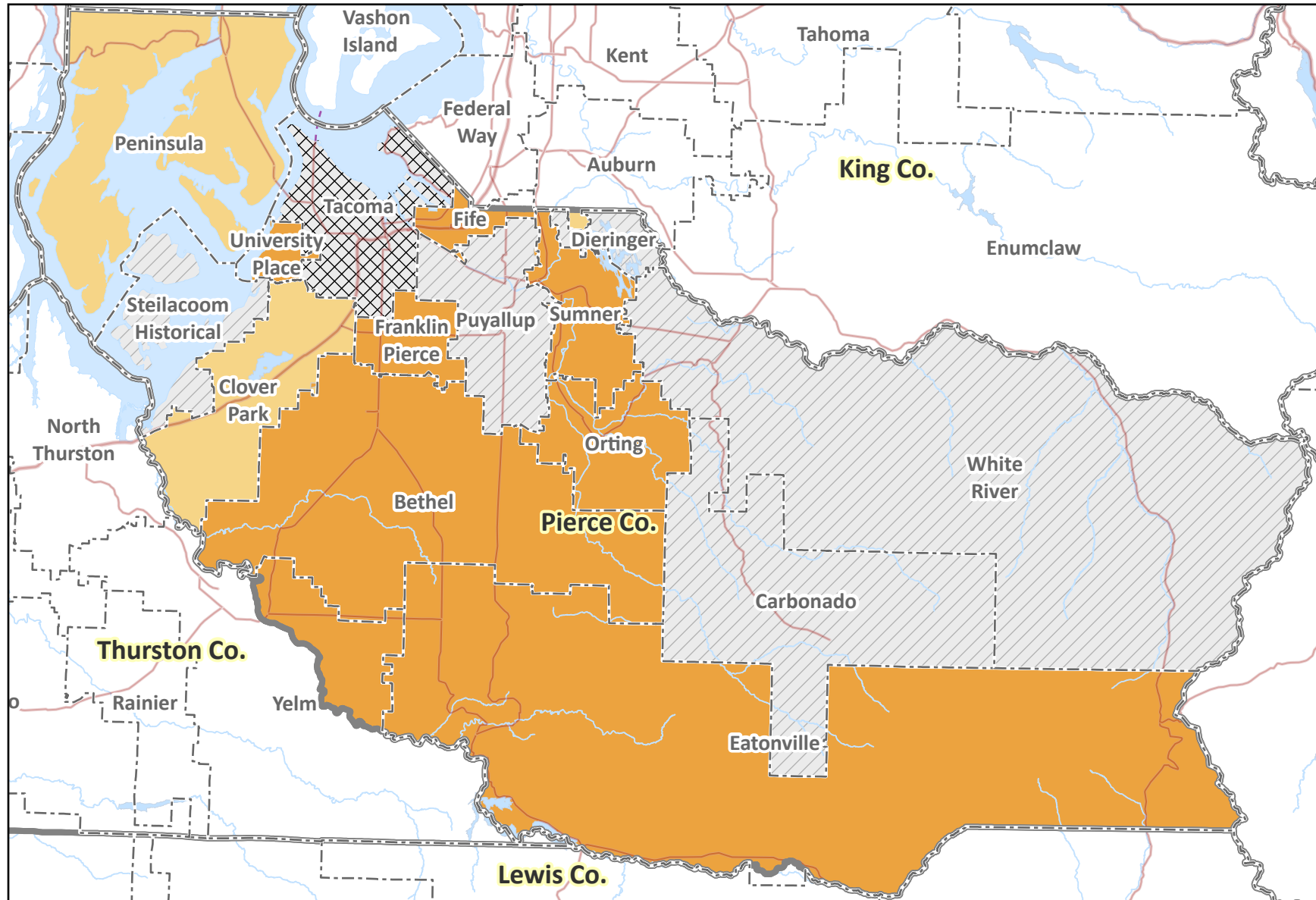
DATA NOTES: The percentile of the composite risk scores. The composite risk scores were calculated using standardized indicators in the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption and consequence. Based on 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenguth.



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

Alcohol, Tobacco, Marijuana and Prescription Opioids Consumption Ranking

by School District, Pierce 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 consumption risk scores were calculated using standardized indicators in the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption. Based on 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenth.

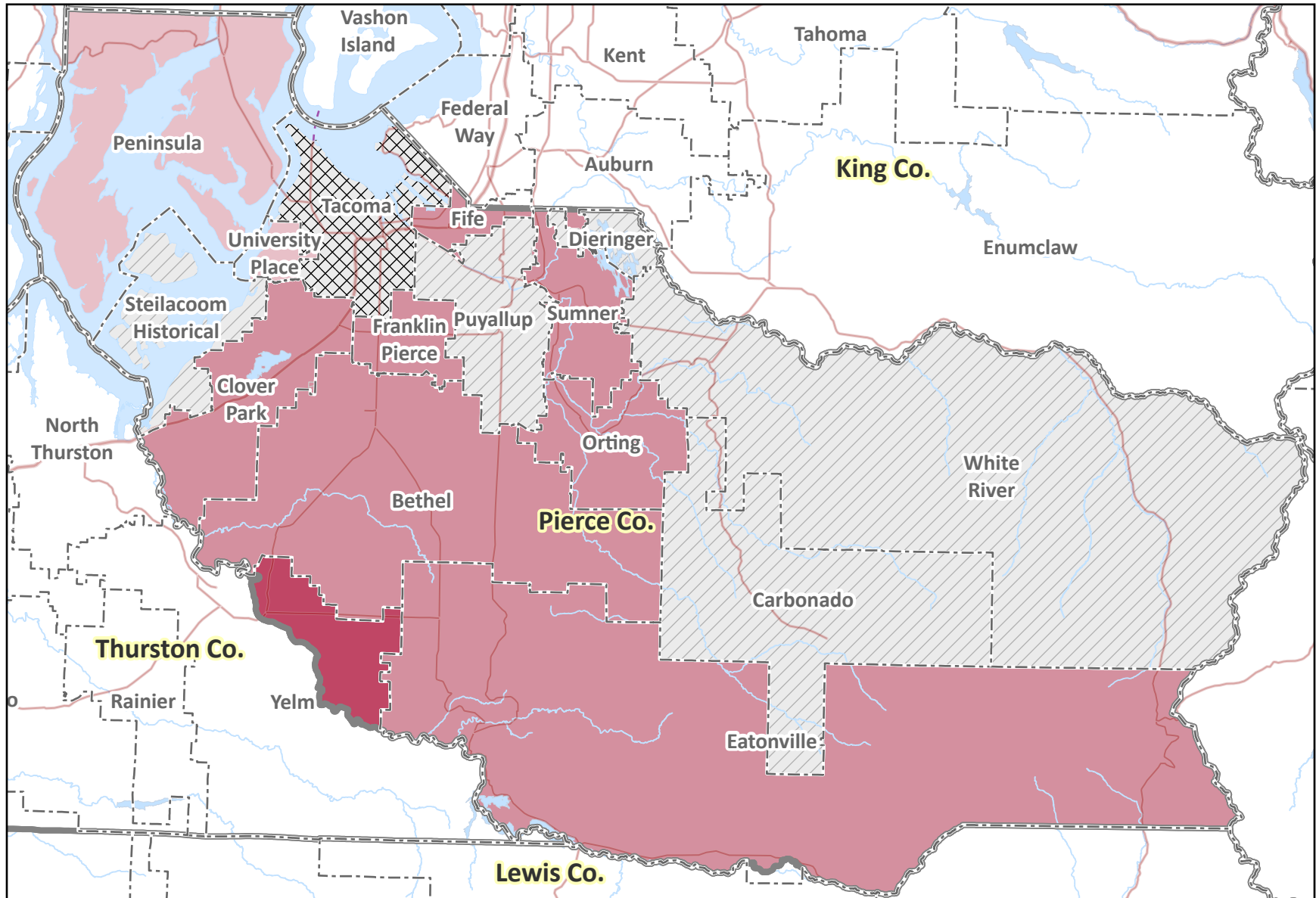
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Consequence Risk Ranking

by School District, Pierce County



Consequence 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		See HSAA maps		Counties
									Water Bodies



Transforming lives

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. Based on 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenth.

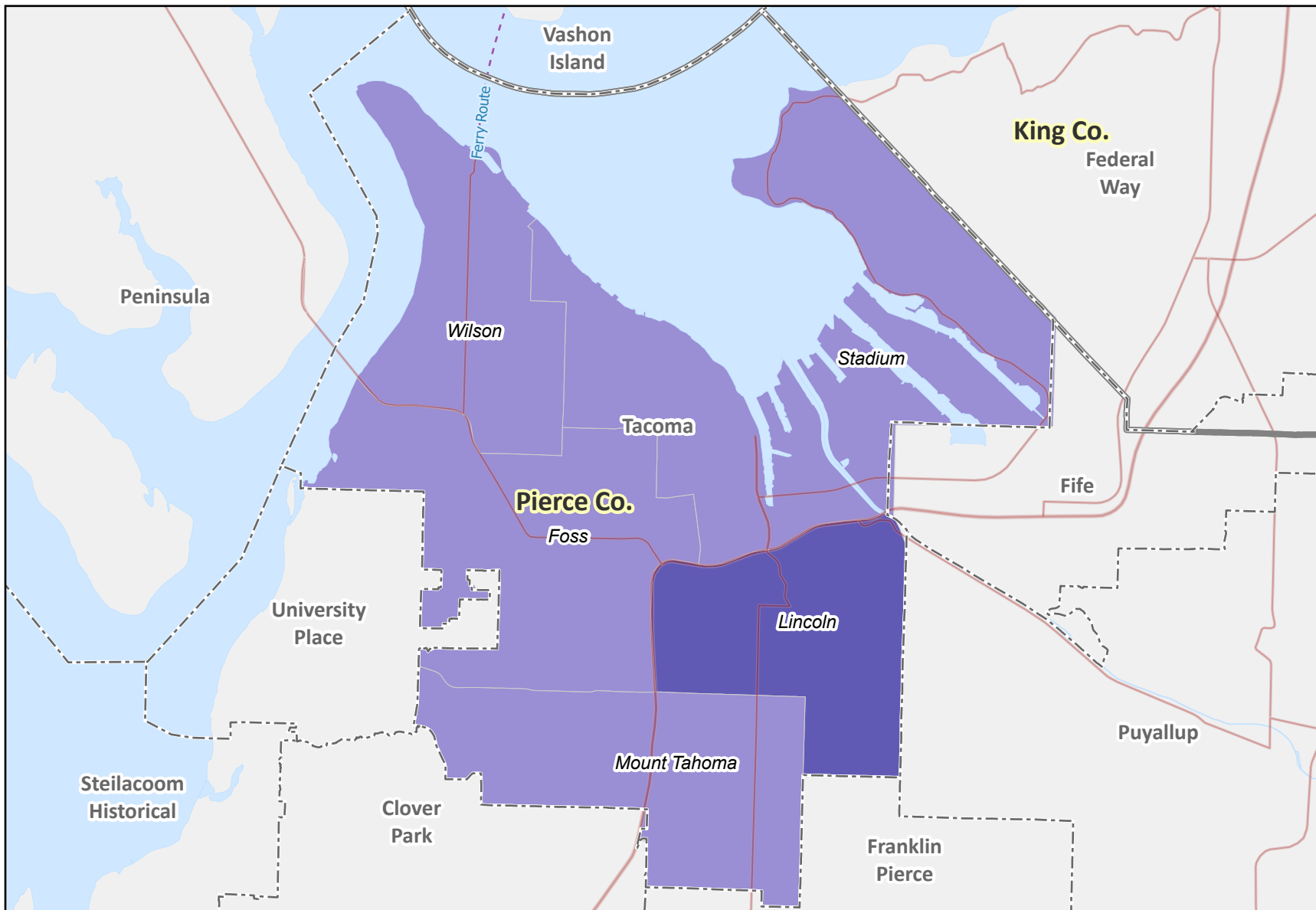
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Marijuana Composite Ranking

by High School Attendance Area, Tacoma Public Schools

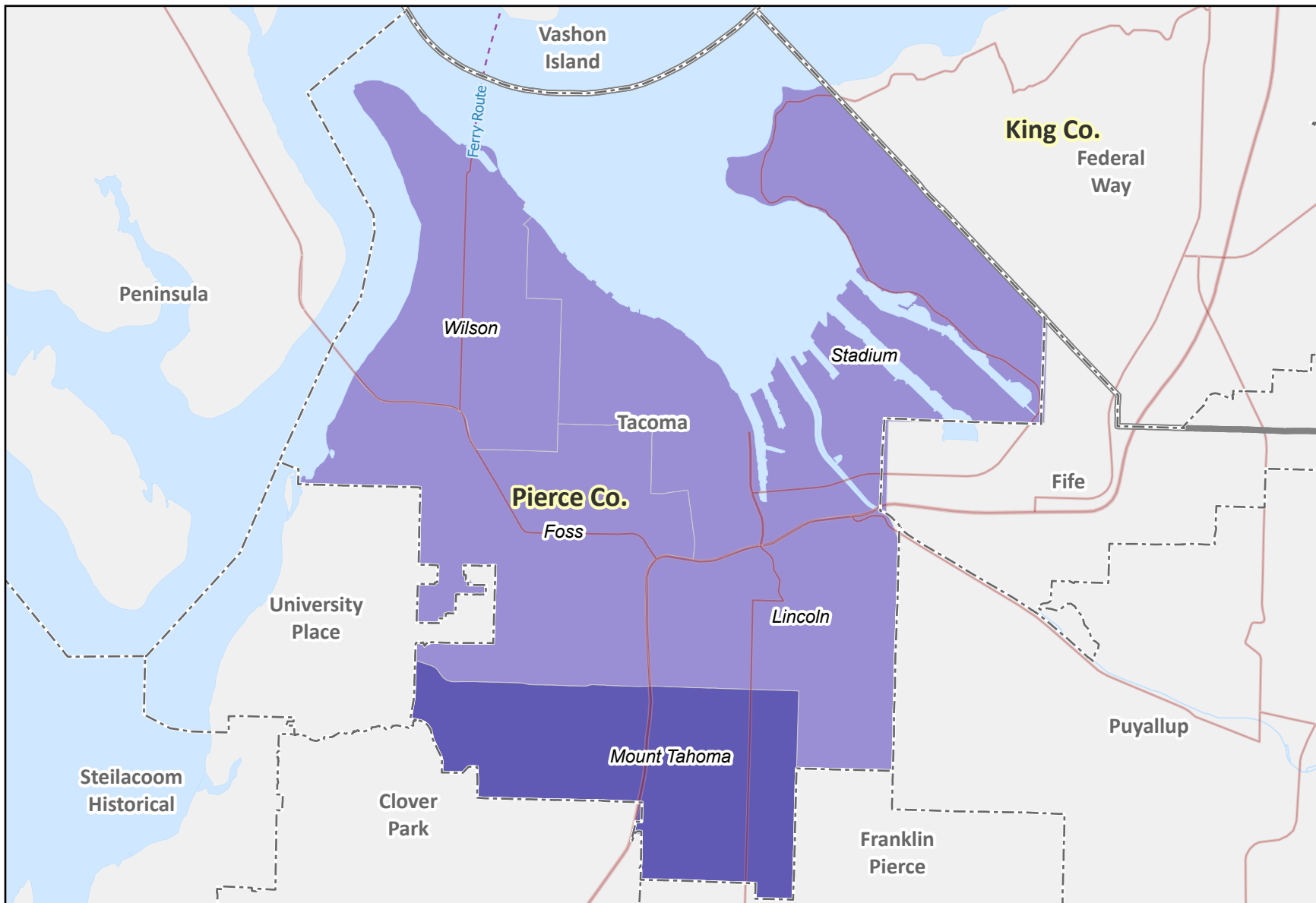


Composite Risk Ranking

- Very High 90 - 99 (Dark Blue)
- High 75 - 89 (Dark Blue)
- Average 25 - 74 (Medium Purple)
- Low 10 - 24 (Light Purple)
- Very Low 0 - 9 (Very Light Purple)
- No data (Hatched pattern)
- School Districts (Dashed line)
- Counties (Solid line)
- Highways and Major Roads (Red line)
- Water Bodies (Light Blue)

Marijuana Consumption Ranking

by High School Attendance Area, Tacoma Public Schools



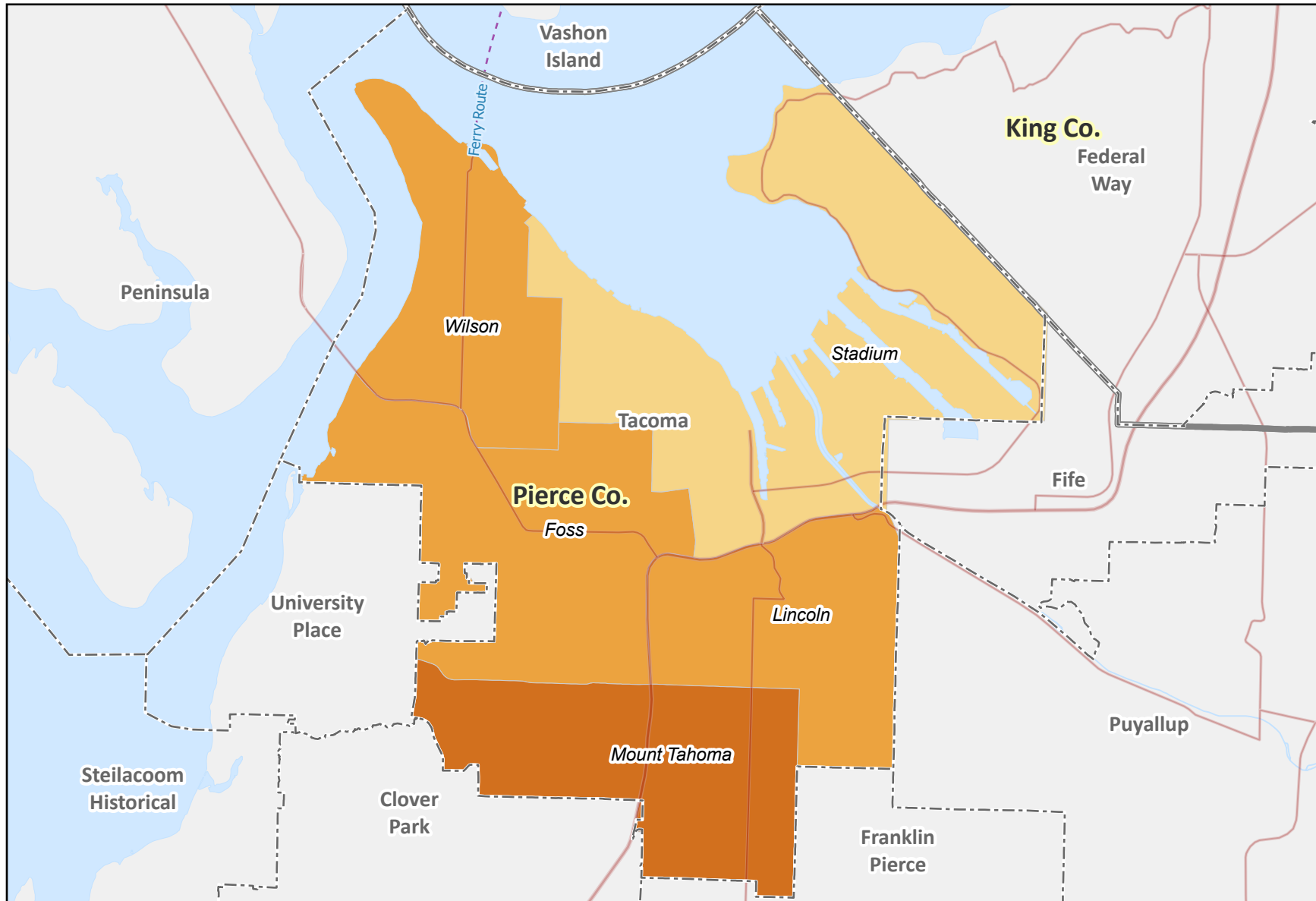
Consumption Risk Ranking

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	Counties	Water Bodies		

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Alcohol, Tobacco, Marijuana and Prescription Opioids Composite Ranking

by High School Attendance Area, Tacoma Public Schools



Composite Risk Ranking

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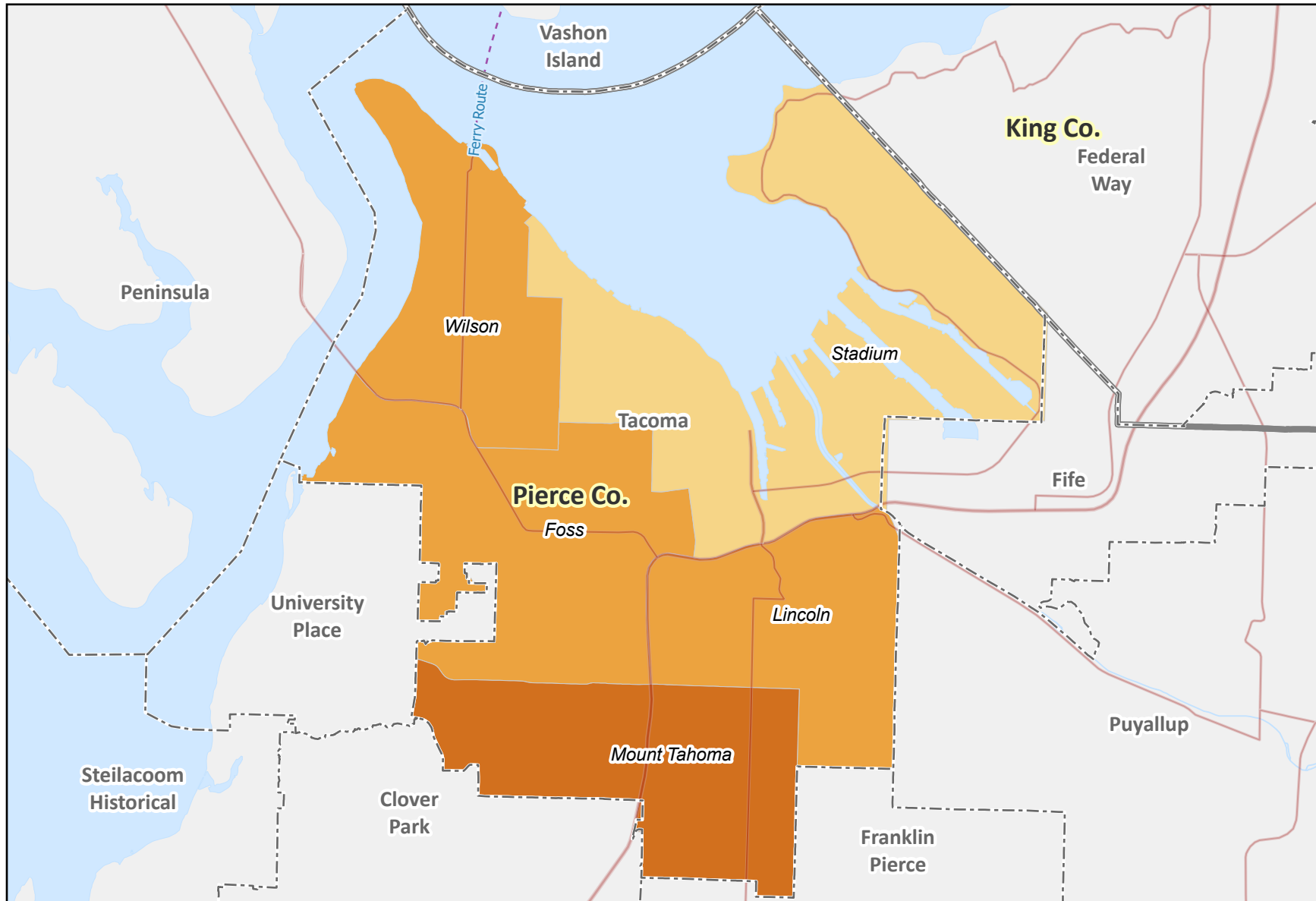
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Alcohol, Tobacco, Marijuana and Prescription Opioids Consumption Ranking

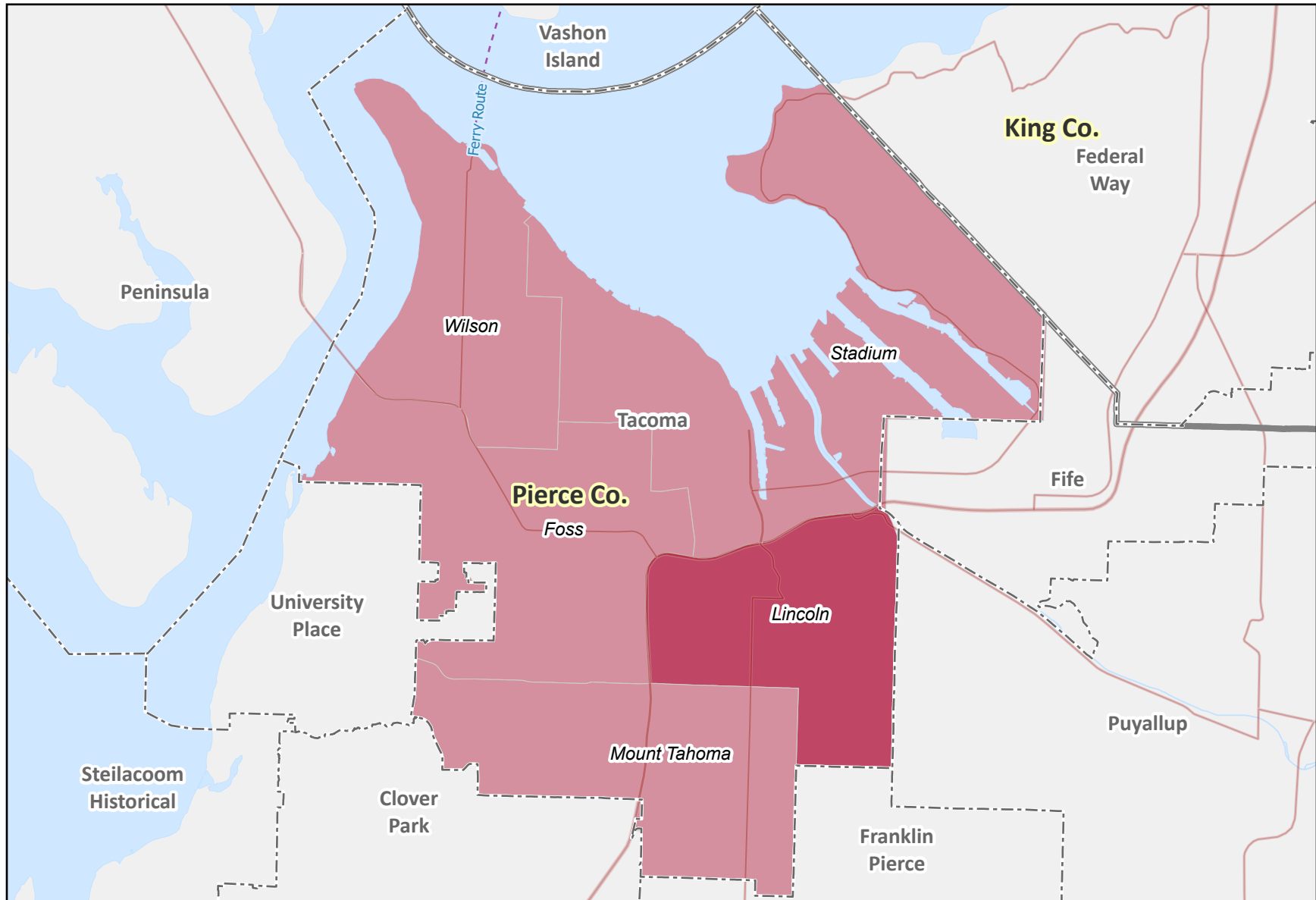
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Consequence Risk Ranking

by High School Attendance Area, Tacoma Public Schools



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