

# 2022 Community Risk Profile Summary

## Spokane County

May 2022

### 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](mailto:PxTraining@hca.wa.gov).

SPOKANE 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
Central Valley	9,852	.	3	No Data	No Data	Average	Average
Cheney	3,191	51	22	Average	Average	Average	High
Deer Park	1,416	83	22	High	High	Average	Average
East Valley (Spokane)	3,040	86	22	High	Very High	High	Average
Freeman	631	0	22	Very Low	Very Low	Very Low	Low
Liberty	491	38	22	Low	Average	Low	Average
Mead	7,373	.	3	No Data	No Data	Average	Average
Medical Lake	1,271	66	22	Average	Average	Low	Average
Nine Mile Falls	1,100	24	12	Average	Low	Low	Low
Riverside	1,425	58	22	Average	Average	Average	Average
West Valley (Spokane)	1,983	45	22	Average	Average	Average	No Data

**NOTES:**

\* This is a 5-year average value.

**This risk profile reflects the risk levels of this county as of May 2022. 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.

SPOKANE 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
Ferris HS	4,510	28	22	Average	Low	Average	Average
Lewis & Clark HS	4,857	23	22	Low	Average	Very High	Very High
North Central HS	3,680	52	22	Average	Average	Very High	No Data
Rogers HS	4,884	73	12	Average	Average	Very High	Very High
Shadle Park HS	3,357	65	22	Average	Average	Average	No Data

**NOTES:**

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**This risk profile reflects the risk levels of this county as of May 2022. Please note risk levels and risk rankings may change over time.**

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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.

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.

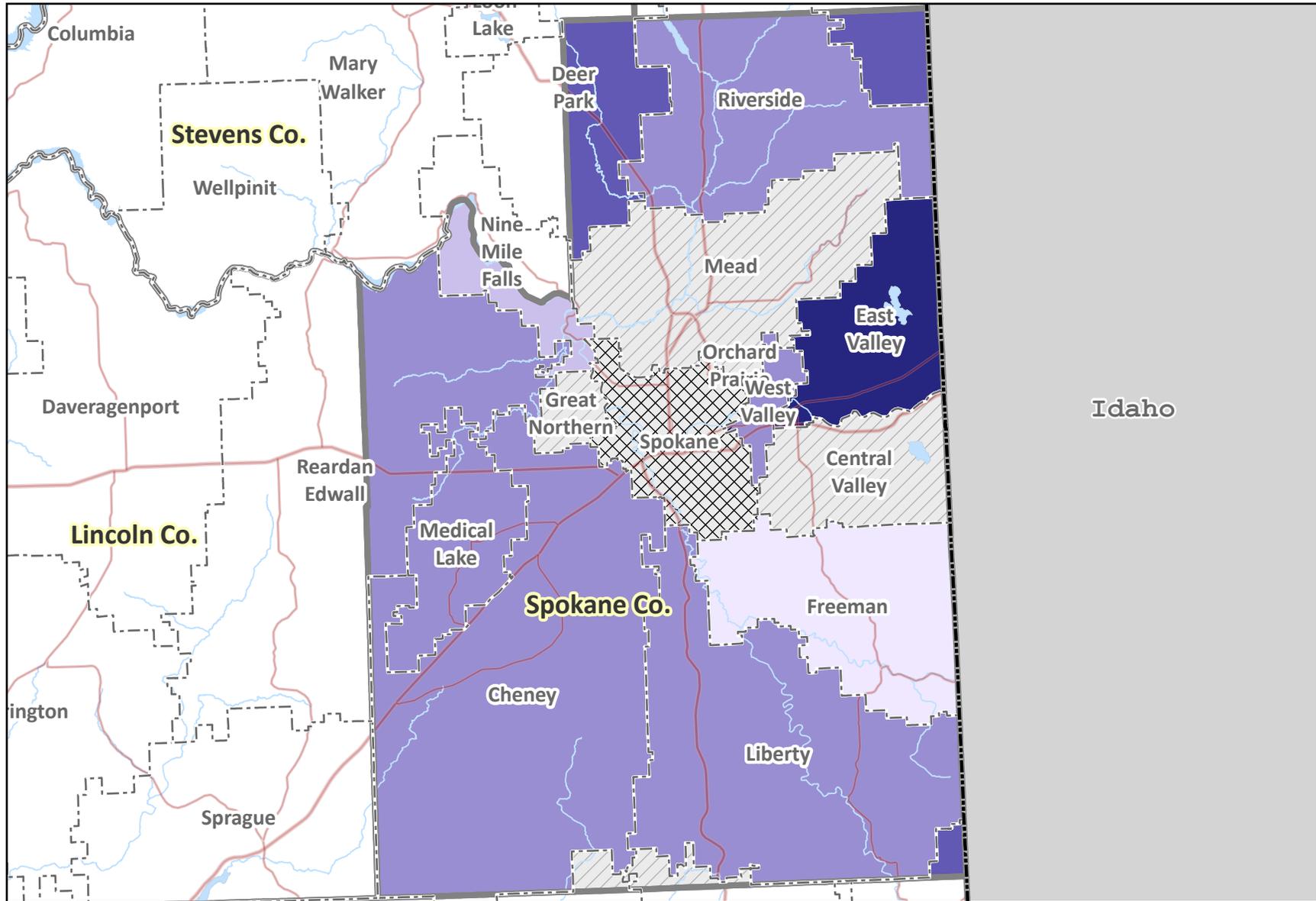
3) To consider other contextual information, examine the "Population: Age 10-17", "economic deprivation" indicator, and the "troubled family" indicator. Note the "Population 10-17 year olds" value may be greater than district enrollment as it accounts for kids not in school as well as those in private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

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# Marijuana Composite Ranking

by School District, Spokane County



**Composite Risk Ranking**

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



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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.

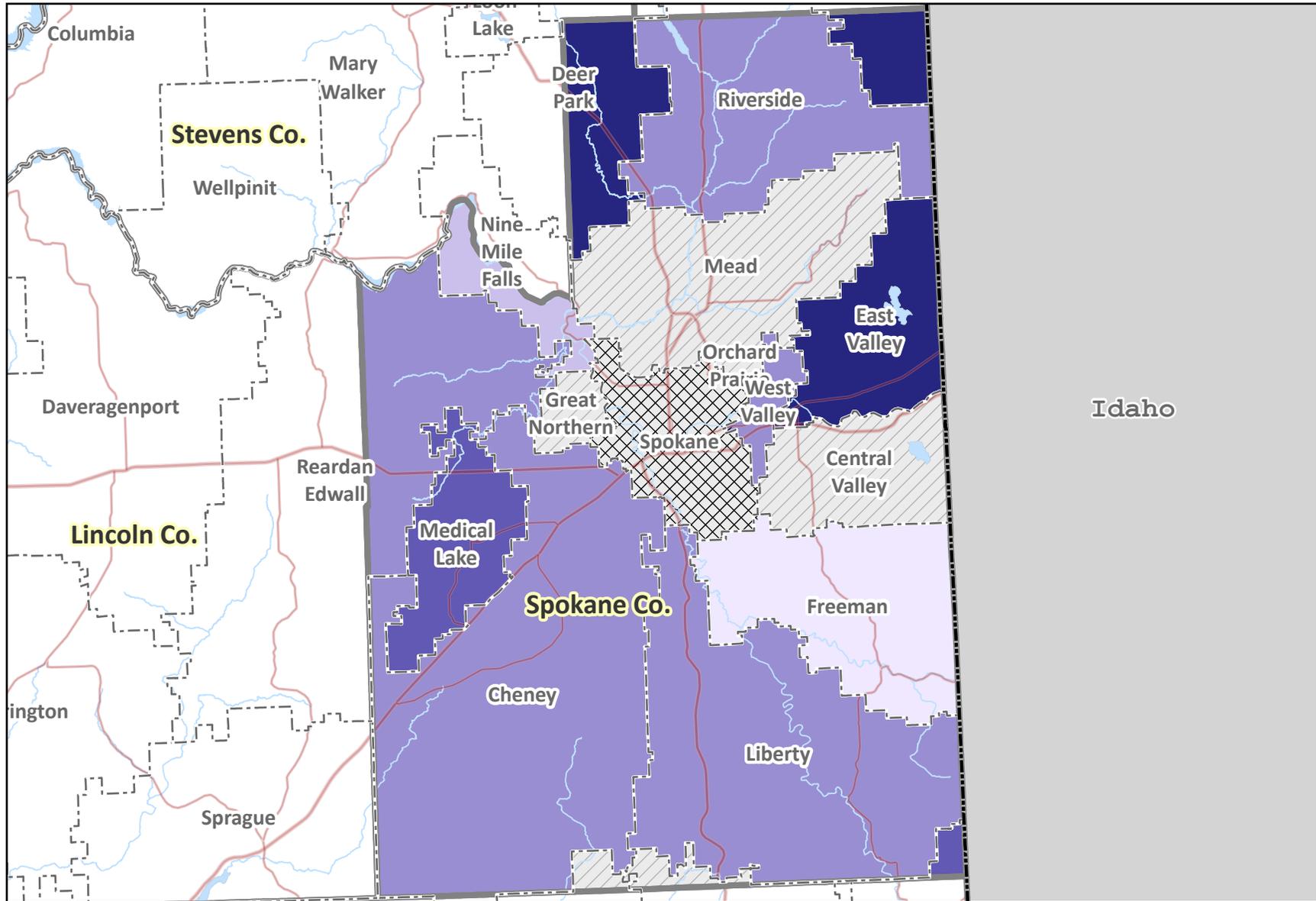
**SOURCE:** DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (COREGIS).



May 2022

# Marijuana Consumption Ranking

by School District, Spokane County



**Consumption Risk Ranking**

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



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**DATA NOTES:** The percentile of the consumption risk scores. The composite risk scores were calculated using standardized indicators in marijuana consumption. Based on 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenguth.

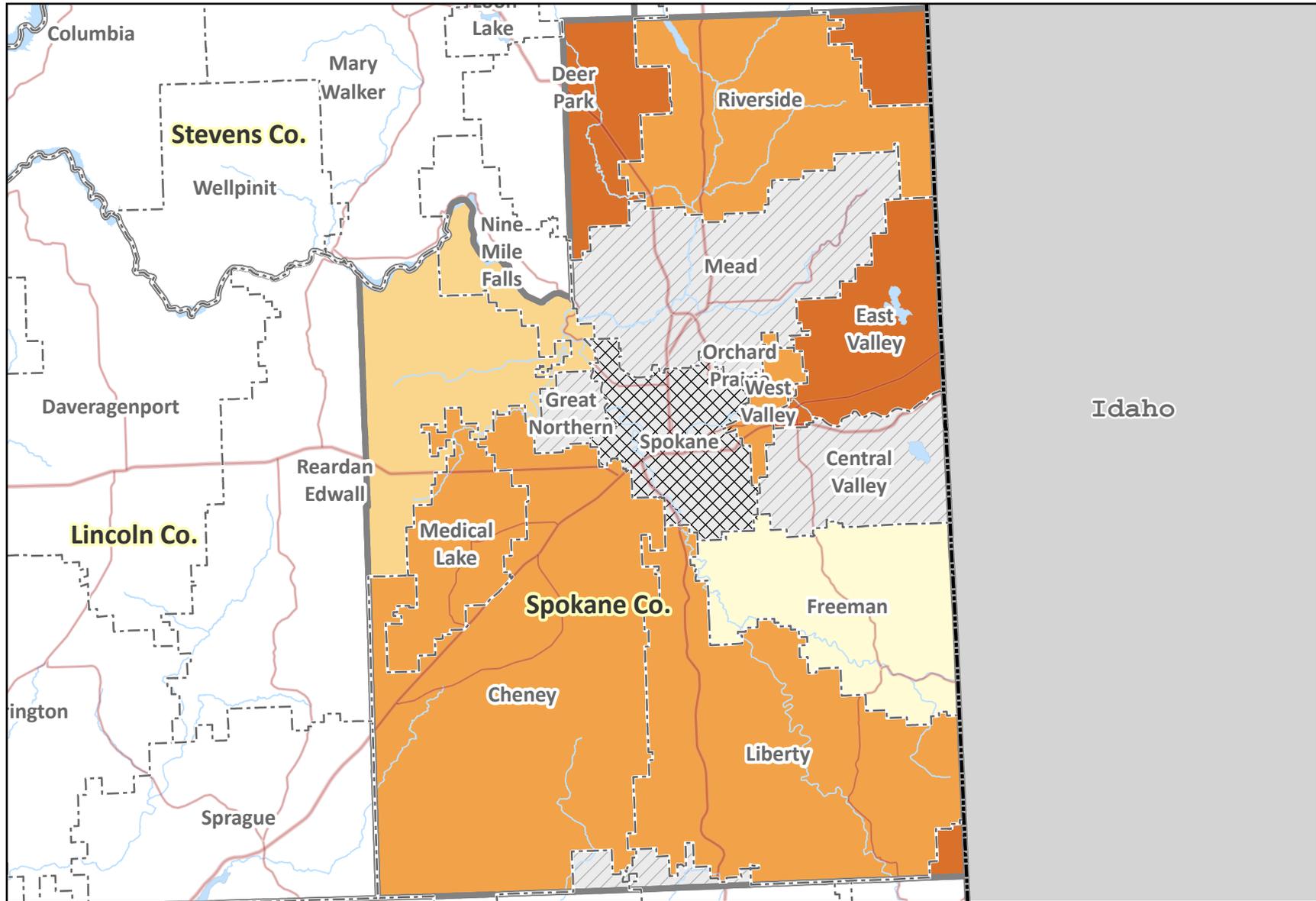
**SOURCE:** DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (COREGIS).



May 2022

# Alcohol, Tobacco, Marijuana and Prescription Opioids Composite Ranking

by School District, Spokane County



**Composite Risk Ranking**

Very High 90 - 99	High 75 - 89	Average 25 - 74	Low 10 - 24	Very Low 0 - 9	No data	See HSA maps	School Districts	Counties	Highways and Major Roads	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 the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption and consequence. Based on 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenguth.

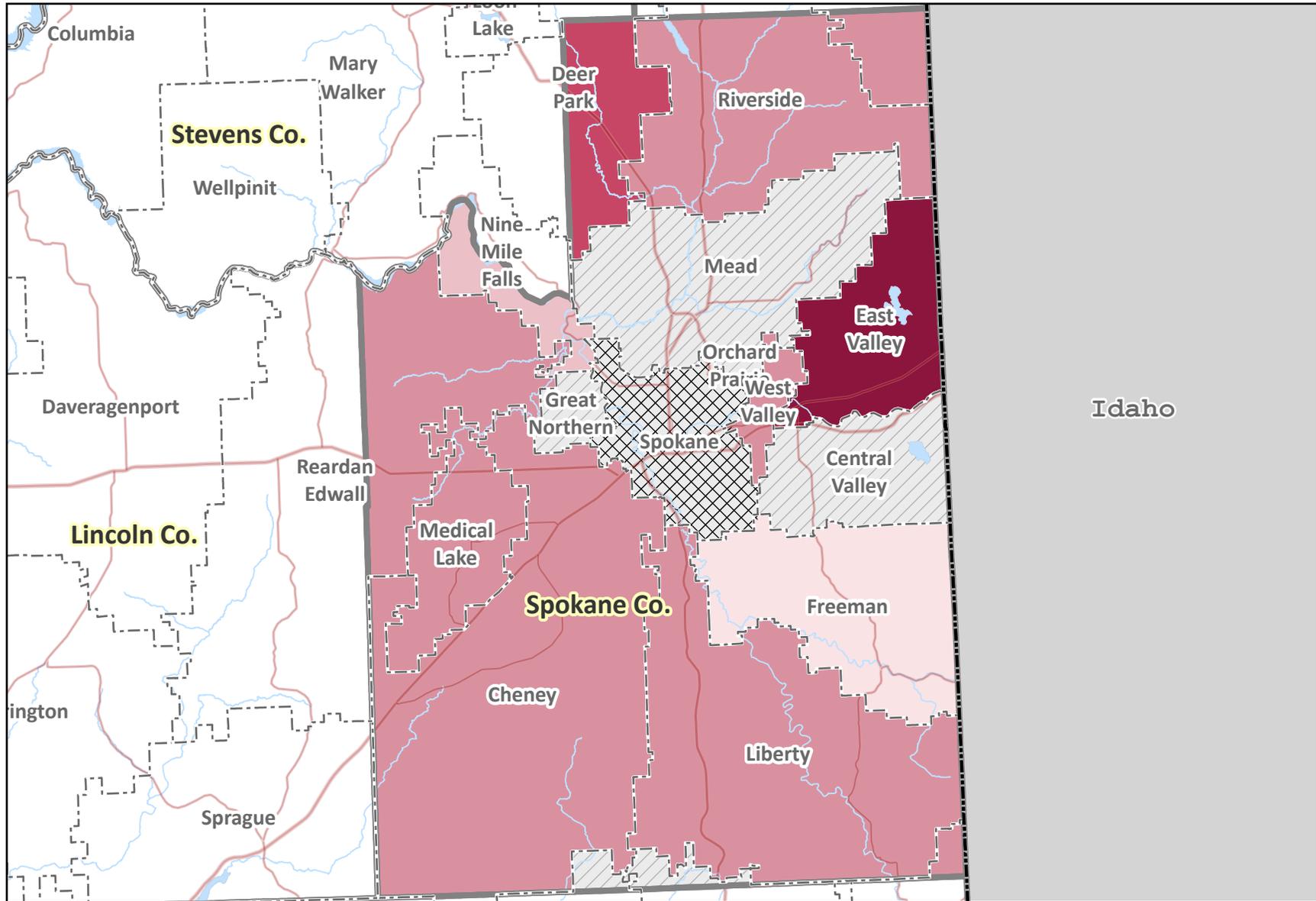


**SOURCE:** DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (COREGIS).



# Consequence Risk Ranking

by School District, Spokane County



**Consequence Risk Ranking**

<span style="display:inline-block; width:15px; height:15px; background-color:#800000;"></span> Very High 90 - 99	<span style="display:inline-block; width:15px; height:15px; background-color:#C00000;"></span> High 75 - 89	<span style="display:inline-block; width:15px; height:15px; background-color:#E06666;"></span> Average 25 - 74	<span style="display:inline-block; width:15px; height:15px; background-color:#F0C0C0;"></span> Low 10 - 24	<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, #ccc 2px, #ccc 4px);"></span> No Data	<span style="border: 1px dashed black; display:inline-block; width:15px; height:15px;"></span> School Districts	<span style="border: 1px solid black; display:inline-block; width:15px; height:15px;"></span> Counties	<span style="border-bottom: 1px solid black; display:inline-block; width:15px;"></span> Highways and Major Roads	<span style="display:inline-block; width:15px; height:15px; background-color:lightblue;"></span> Water Bodies
				<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, #ccc 2px, #ccc 4px);"></span> See HSAA maps				



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**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 Leibenguth.

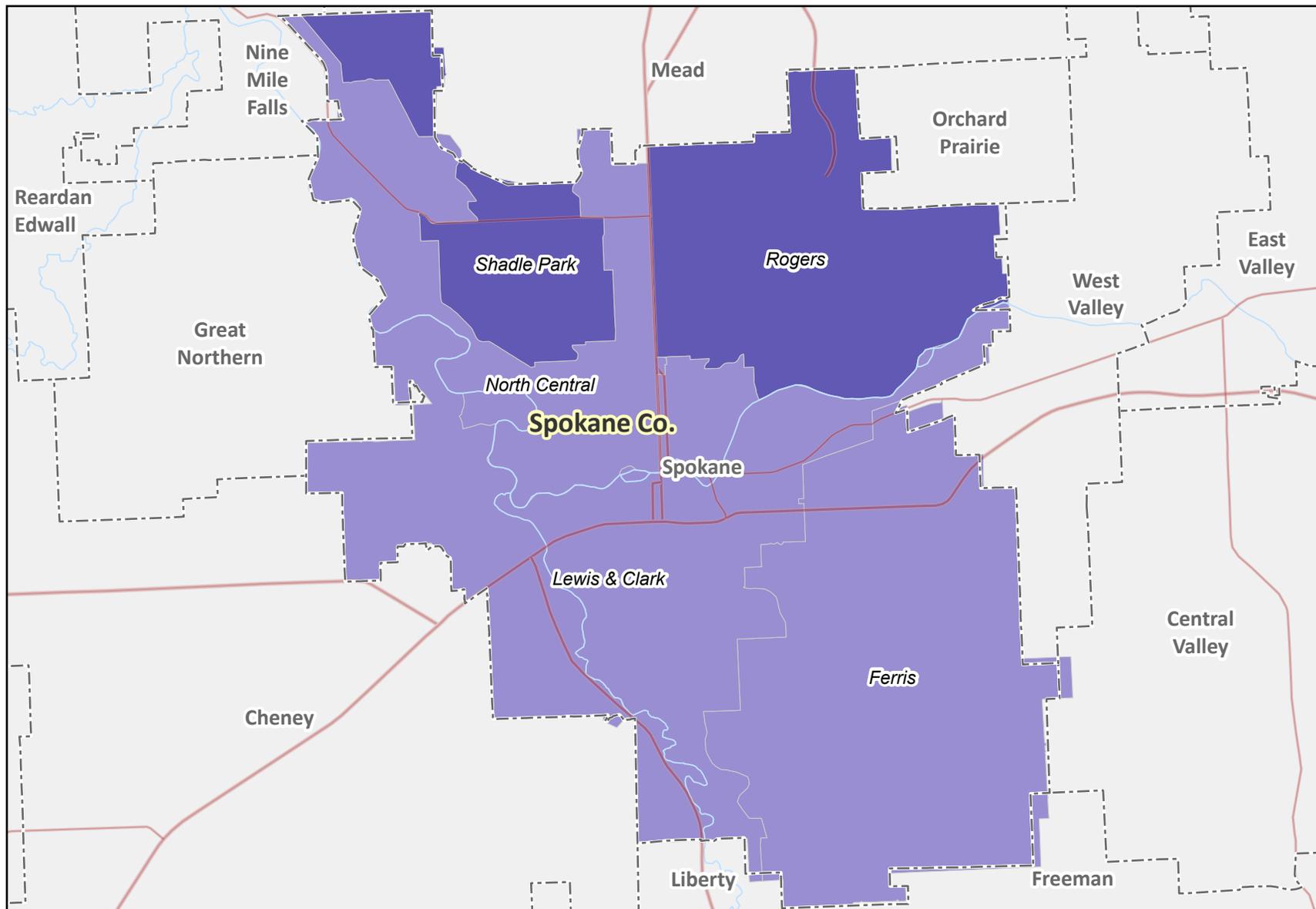
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# Marijuana Composite Ranking

## by High School Attendance Area, Spokane School District

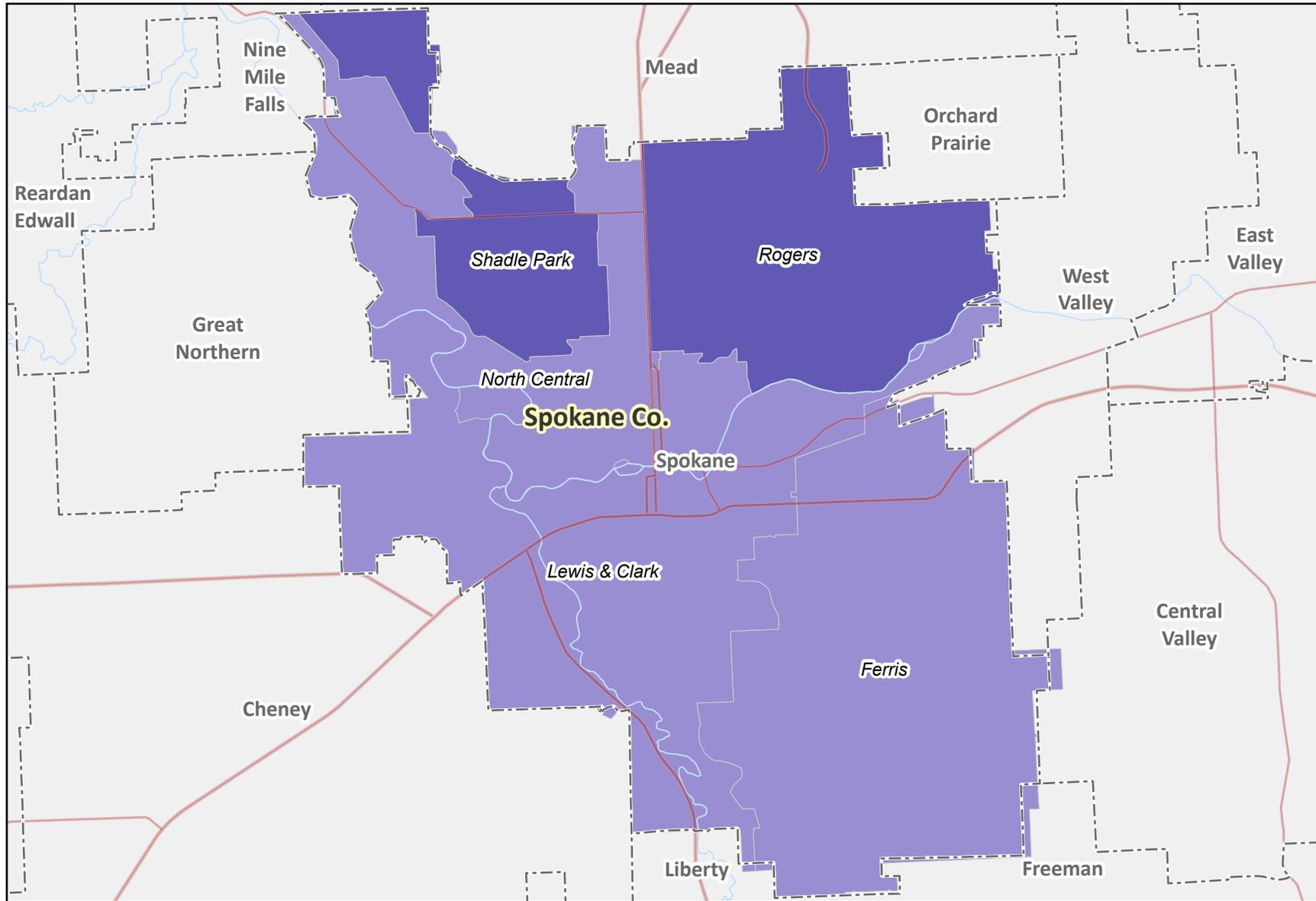


**Composite Risk Ranking**

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	

# Marijuana Consumption Ranking

## by High School Attendance Area, Spokane School District

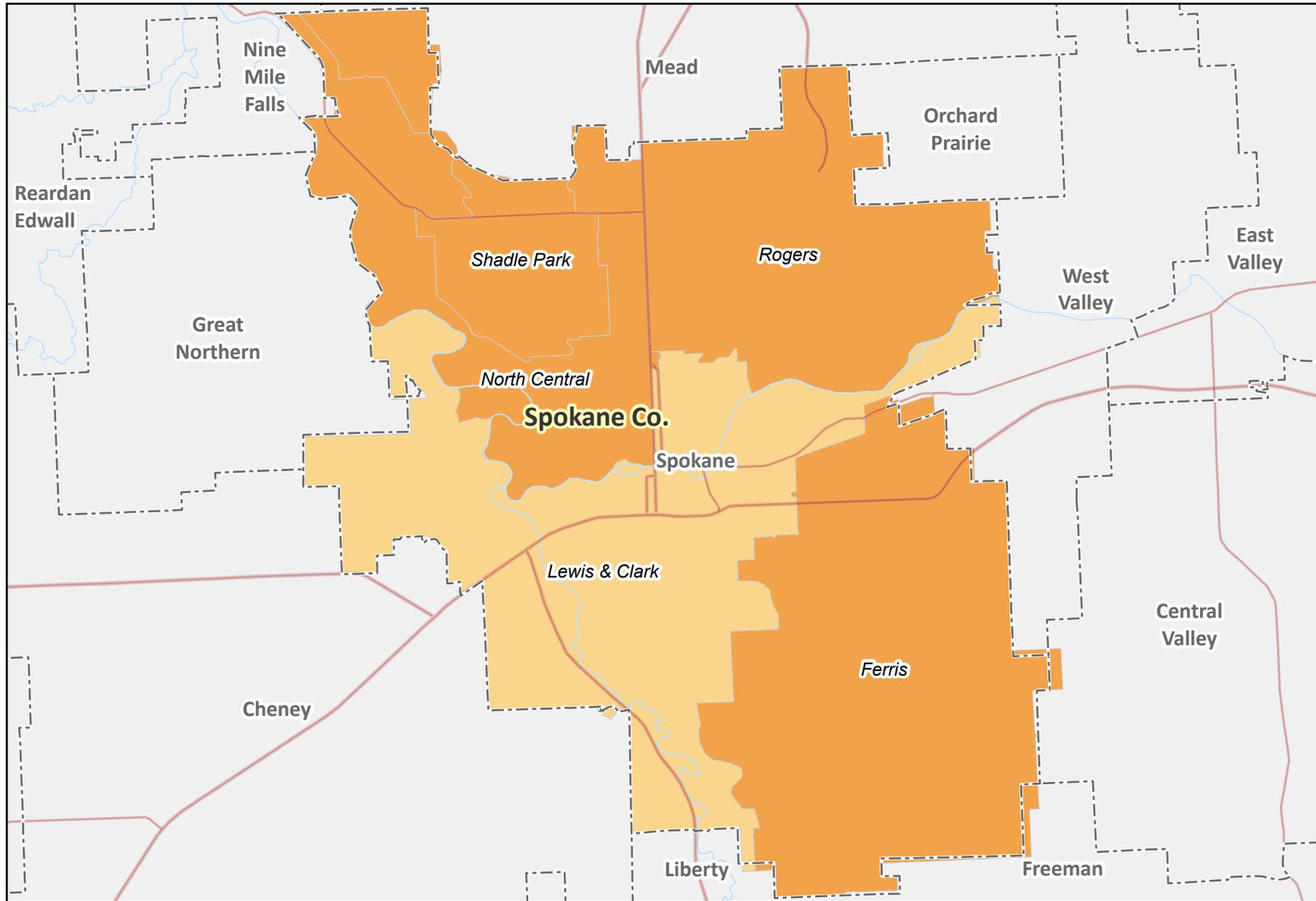


**Consumption Risk Ranking**

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	

# Alcohol, Tobacco, Marijuana and Prescription Opioids Composite Ranking

by High School Attendance Area, Spokane School District



**Composite Risk Ranking**

High 75 - 89	Average 25 - 74	Low 10 - 24	Very Low 0 - 9	No data	School Districts	Highways and Major Roads
Very High 90 - 99				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 the alcohol, tobacco, marijuana and prescription opioids (ATMO) consumption and consequence. Based on 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenguth.

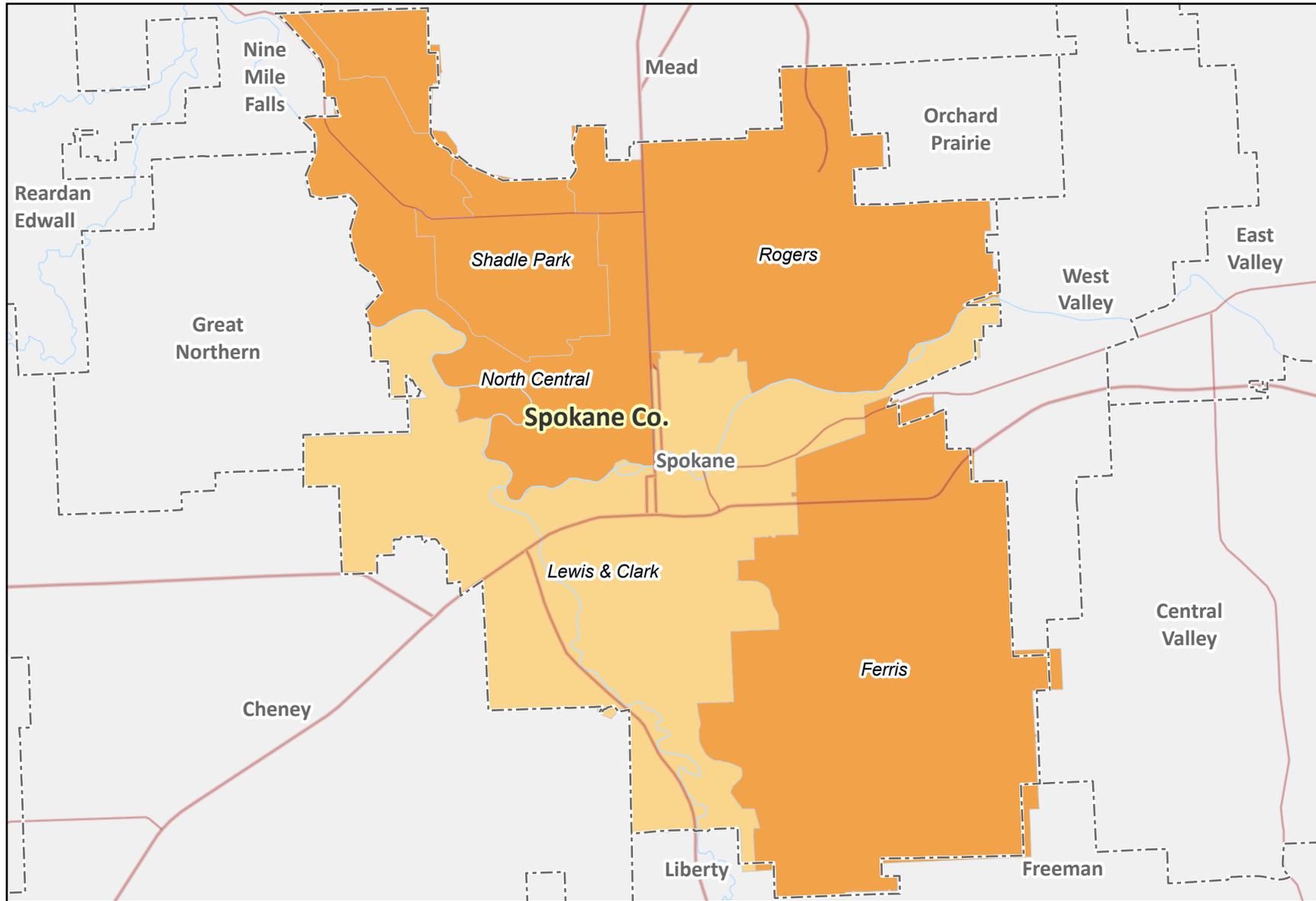
**SOURCE:** DSHS Research and Data Analysis, Community Outcome and Risk Evaluation Geographic Information System (COREGIS).



May 2022

# Alcohol, Tobacco, Marijuana and Prescription Opioids Consumption Ranking

by High School Attendance Area, Spokane School District



**Consumption Risk Ranking**  
 Very High 90 - 99 (Dark Orange)    High 75 - 89 (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 (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 2021 HYS data. CARTOGRAPHY: Irina Sharkova and Steve Leibenguth.

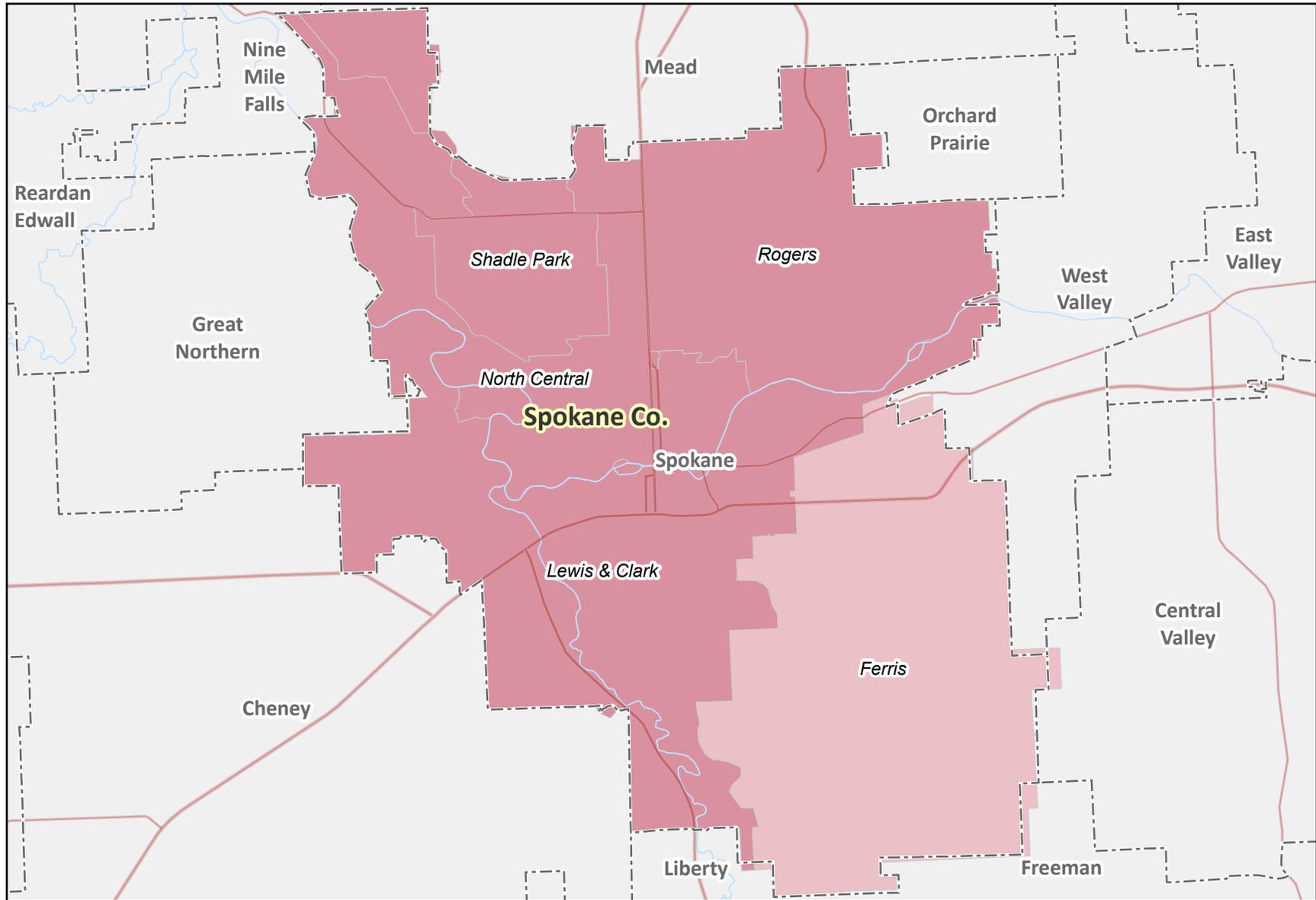
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May 2022

# Consequence Risk Ranking

by High School Attendance Area, Spokane School District



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