



Puget Sound Regional Council

Survey Data Intern

Closes: Open until filled with applications reviewed beginning March 26, 2021.
Status: Temporary part-time position up to 32 hours per week and up to 3 months; nonexempt FLSA status.
Salary: \$21 per hour with limited benefits.
Timeline: Position to begin June/July 2021.
Location: Puget Sound Regional Council, Downtown Seattle, Washington

ABOUT PSRC:

The Puget Sound Regional Council is the regional transportation, growth management and economic development planning agency serving Seattle and the central Puget Sound. PSRC brings together the region's diverse counties, cities and towns, native tribes, ports, the state of Washington and civic interests to help the region thrive, now and into the future. The agency serves as the region's Metropolitan Planning Organization and is the regional leader for growth management, transportation, and economic development under state and federal laws. PSRC seeks to support an inclusive region and build a work culture which embraces diversity and promotes equity. Visit www.psrc.org to find out more. PSRC is an equal opportunity employer.

THE INTERNSHIP:

Survey data help planners and policy makers better understand who lives in our region, what activities they do and challenges they face, where they go and when/how they get there, as well as their motivations and needs. PSRC collects, processes, analyzes, and publishes a variety of survey data to support its work programs and for use by the public. When used in combination with other data about the socio-economic and environmental aspects of our region, the land use and transportation systems, and other infrastructure and services, survey data can help reveal trends and support forecast models used in planning and policy development.

PSRC is seeking a Survey Data Intern to join its Data Department to assist with a portfolio of work related to processing and analyzing survey data. The primary project will be data cleaning for the 2021 Household Travel Survey (HTS; see <https://www.psrc.org/household-travel-survey-program>). Other work tasks may include data analysis of other surveys, such as the 2017 and 2019 HTS, and the 2020 spring and fall COVID-19 Mobility Surveys (<https://www.psrc.org/covid-19-mobility-survey>). This is a unique opportunity for a data savvy mind to get hands-on experience processing and mining some complex and valuable survey datasets.

The Survey Data Intern will work closely with a team of planners and data programmers and analysts to perform a variety of technical tasks and research under general supervision. The Intern will examine survey data at the individual record level, triangulate with other resources (e.g., maps, databases), and make corrections through the development of automated programs and other means. The Intern will also support the analysis and visualization of survey data to help gain insights on a variety of activity and travel behaviors for people in our region.

THE CANDIDATE:

The ideal candidate will have the ability to:

- Proficiently use common software packages to analyze and transform data, such as Excel, relational database packages (e.g., Access, SQL Server, MySQL), ArcGIS, and Tableau. Experience with R and web-based visualization packages (e.g., Shiny, Leaflet) is an asset.
- Familiarity with survey data, demographic, and other planning datasets is a plus.

- Assist with statistical analyses and the development and application of custom software programs.

Successful candidates should also possess:

- Excellent attention to detail, organization, and problem-solving skills, as well as aptitudes to work independently and as part of a team.
- Effective oral and written communication abilities to work with professionals, and agency staff.

EXPERIENCE AND EDUCATION:

- Enrollment in, or achievement of, a Bachelor's/Master's degree in urban planning, geography, engineering, or related field.
- Or, at least one-year experience in urban planning, geography, engineering, and/or related field.
- Or, any combination of lived experience or education experience in a related field that would provide the applicant with the desired skills, knowledge, and ability required to perform the job.

TO APPLY:

- **To be considered, applicants must submit a cover letter, resume, and completed, signed PSRC application.**
- The voluntary and confidential Equal Employment Opportunity, Applicant's Invitation to Self-Identify – Veteran Status, and Voluntary Self-Identification of Disability forms are appreciated for applicant tracking purposes.
- For application materials, please visit <https://www.psrc.org/about/careers>.
- Completed materials can be emailed to hrdept@psrc.org, faxed to 206-587-4825, or mailed to: Puget Sound Regional Council, attn.: HR, 1011 Western Ave., Suite 500, Seattle, WA 98104