

Social Complexity

Background

Social complexity is defined by COE4CCN as “a set of co-occurring individual, family or community characteristics that have a direct impact on health outcomes or an indirect impact by affecting a child’s access to care and/or a family’s ability to engage in recommended medical and mental health treatments”. COE4CCN identified 18 factors that either in past literature or through their own studies were correlated with worse health outcomes or higher health care costs. Anchored to those factors, OPIP and OHA then examined specific indicators that existed or could be collected in Oregon’s Medicaid or Integrated Client Services (ICS) data. Twelve different social indicators, described in the following table, were identified as feasible to be collected for each child. These indicators were based on services the child received or claims attributed to the child, services that one or both parents of the child received, or information obtained from OHA Medicaid Enrollment or OHA Vital Statistics; when available, the look back period for these indicators is the lifetime of the child plus one year prior to birth (to account for the prenatal period). A summary count of the number of social complexity indicators was then created. Secondly, a three-part social complexity categorical variable (3 or more, 1-2, or 0 risk factors) was then created.

For **26%** of children in the statewide dataset, it was not possible to link the child to either parent. Therefore, these children only have data available for the five child-level social complexity indicators.

For more information about data sources and the time period of available data for the social complexity indicators used in this report, please refer to the data dictionary:

<https://www.oregon.gov/oha/HPA/dsi-tc/Documents/DataDictionary-Social-Indicators.pdf>

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Social Complexity Indicators Within 2021 Health Complexity Indicator

INDICATOR: Descriptive Information* (Source)	CHILD FACTOR	FAMILY FACTOR	TOTAL
POVERTY – CHILD: Access of Temporary Assistance for Needy Families (TANF), below 37% federal poverty level (ICS, data available 2000-2021)	X		X
POVERTY- PARENT: Access of TANF (ICS, data available 2000-2021)		X	X
FOSTER CARE: Child received child welfare services (ICS, data available 2000-2021)	X		X
PARENTAL DEATH: Death of parent in OR (ICS-Death Certificate in Oregon, data available 1989-2021)		X	X
PARENTAL INCARCERATION: Parent incarcerated or supervised by the Dept. of Corrections in Oregon (ICS-Department of Corrections for state felony, not including county/municipal charges, data available 2000-2021)		X	X
MENTAL HEALTH – CHILD: Child received mental health services through DHS/OHA (ICS-NMH Caseloads, data available 2000-2021)	X		X
MENTAL HEALTH – PARENT: Parent received mental health services through DHS/OHA (ICS-NMH Caseloads, data available 2000-2021)		X	X
SUBSTANCE ABUSE – CHILD: Child received substance abuse treatment through DHS/OHA (ICS-AD Caseloads, data available 2000-2021)	X		X
SUBSTANCE ABUSE – PARENT: Parent received substance abuse treatment through DHS/OHA (ICS-AD Caseloads, data available 2000-2021)		X	X
CHILD ABUSE AND NEGLECT: ICD-9, ICD-10 dx codes used by providers (OHA Medicaid claims data, data available 2002-2021)	X		X
POTENTIAL LANGUAGE BARRIER: Language other than English listed in the primary language field (OHA Medicaid Enrollment, most current data for family)		X	X
PARENTAL DISABILITY: Parent is eligible for Medicaid due to a recognized disability (OHA Medicaid Enrollment, data available 2002-2021)		X	X
TOTAL NUMBER OF INDIVIDUAL FLAGS	5	7	12
* Look back period includes prenatal period through the lifetime of child, unless an exception is noted due to availability of data.			