

| Measure   | ID (if applicable) | Denominator   | Numerator  | Data Source*   | Frequency         | CCO Incentive Measure? |                | Notes   |
|---|--------------------|---|--|--|-------------------|------------------------|----------------|---|
|   |                    |   |  |  |                   | Incentive Measure      | Challenge Pool |   |
| Childhood Immunization Status (Combo 2)                                 | NQF 0038           | Children who turn 2 years of age during the measurement year (CCO members only)   | Number of children receiving recommended vaccinations (DTaP; IPV; MMR; HiB; Hep B; VZV)  | Claims/ALERT IIS   | Annual (see note) | Y                      | Y              | Final, validated data available June of each year; progress reports available quarterly   |
| Assessments for children in DHS custody                                 |                    | Children and adolescents 0-17 who are in DHS custody (foster care) for at least 60 days (CCO members only)                                    | Children/adolescents who received a physical health assessment (all ages 0-17), a dental health assessment (ages 1-17), and a mental health assessment (ages 4-17).  | MMIS/DSSURS and ORKIDS   | Annual (see note) | Y                      | Y              | Final, validated data available June of each year; progress reports available monthly   |
| Childhood Immunization Status (Combo 2)                                 | NQF 0038           | Children who turn 2 years of age during the measurement year (CCO members only)   | Number of children receiving recommended vaccinations (DTaP; IPV; MMR; HiB; Hep B; VZV)  | Claims/ALERT IIS   | Annual (see note) | Y                      | Y              | Final, validated data available June of each year; progress reports available quarterly   |
| Developmental screenings in the first 36 months of life                 | NQF 1448           | Children who turn 1, 2 or 3 years of age in the measurement year (CCO members only)   | Children who were screened for risks of developmental, behavioral, and social delays using standardized screening tools.   | MMIS/DSSURS  | Annual (see note) | Y                      | Y              | Final, validated data available June of each year; progress reports available monthly   |
| Effective contraceptive use among women at risk of unintended pregnancy |                    | Women ages 15-50 (CCO members only)   | Women with evidence of one of the most effective or moderately effective contraceptive methods during the measurement year.  | MMIS/DSSURS  | Annual (see note) | Y                      |                | Final, validated data available June of each year; progress reports available monthly   |
| Child and adolescent access to primary care providers                   |                    | Children ages 12 months to 19 years (CCO members only)  | For children ages 12 months to 6 years: One or more visits with a PCP during the measurement year.<br>For children 7-19: One or more visits with a PCP during the measurement year or prior to htem measurement year.      | MMIS/DSSURS  | Annual (see note) |                        |                | Four age stratifications are used: 12-24 months; 25 months-6 years; 7-11 years; and 12-19 years.<br><br>Final, validated data available June of each year; progress reports available monthly |
| Early elective delivery   | NQF 0469           | Women who delivered a newborn (CCO members only)  | Women who had an elective delivery between 37 and 39 weeks of gestation.   | MMIS/DSSURS, Vital records, hospital rates calculated by the Joint Commission, CMS, or other oversight / review entity | Annual            |                        |                | Available June of each year   |
| Low birth weight  | NQF 1382           | Resident live births in Oregon in the calendar year, where Medicaid / Oregon Health Plan is the principal source of payment for the delivery. | Number of Oregon resident live births less than 2,500 grams with Medicaid/OHP as the payer source.<br>Medicaid/OHP as the payer source.  | Oregon Birth Certificates, Vital Statistics, MMIS  | Annual            |                        |                |   |
| Timeliness of prenatal care   | NQF 1517           | Live birth deliveries during the measurement year (CCO members only)  | Prenatal visit in the first trimester of pregnancy.  | MMIS/DSSURS, medical records   | Annual            | Y                      | Y              | Available June of each year   |
| Postpartum care rate  | NQF 1517           | Live birth deliveries during the measurement year   | A postpartum visit for a pelvic exam or postpartum care on or between 21 and 56 days after delivery.   | MMIS/DSSURS, medical records   | Annual            |                        |                | Available June of each year   |
| Well-child visits in the first 15 months of life                        | NQF 1392           | Children age 15 months of age during the measurement year (CCO members only)  | Children with 6 or more well-care visits during the first 15 months of life.   | MMIS/DSURRS  | Annual (see note) |                        |                | Final, validated data available June of each year; progress reports available monthly   |
| CAHPS: Access to care (children)  |                    | Children 6 months to 18 years (CCO members only)  | Composite based on two items from the CAHPS the child survey: 1. Got care right away for illness / injury / condition as soon as you / child needed. 2: Got an appointment for routine care as soon as you / child needed. | CAHPS survey   | Annual            |                        |                | Reported by parents; available June of each year  |

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| CAHPS: Satisfaction with care (children)  |                      | Children 6 months to 18 years (CCO members only)   | Composite based on two items from the CAHPS child survey: 1. Health Plan's customer service gave needed information or help. 2. Treated with courtesy and respect by Health Plan's customer service staff.  | CAHPS survey  | Annual        |                        |                | Reported by parents; available June of each year  |
| CAHPS: Health status (children)   |                      | Children 6 months to 18 years (CCO members only)   | Reported health status as good, very good, or excellent.  | CAHPS survey  | Annual        |                        |                | Reported by parents; available June of each year  |
| Weight assessment and counseling for nutrition and physical activity for children and adolescents | NQF 0024 / CMS 155v6 | Patients 3-17 years of age with at least one outpatient visit with a primary care physician (PCP) or OB/GYN during measurement period (CCO members only) | 1. Patients who had height, weight, and BMI percentile recorded;<br>2. Patients who had counseling for nutrition during a visit that occurs during measurement period;<br>3. Patients who had counseling for physical activity during a visit that occurs during the measurement period | Electronic health record data abstraction                                     | Annual        | Y                      |                | Not available until June 2019 (for CY 2018); may be reported as Medicaid only, or all payer |
| Maternal mortality  |                      | Live births  | Number of maternal deaths per 100,000 live births   | Vital statistics (Oregon Center for Health Statistics)                        | Annual        |                        |                |   |
| Infant mortality  |                      | Live births  | Number of infant deaths per 1,000 live births   | Vital statistics (Oregon Center for Health Statistics)                        | Annual        |                        |                |   |
| Childhood Obesity   |                      | Number of children aged 0 to 5 years   | Number of children aged 0 to 5 years with a BMI ≥ 95th percentile on the 2000 CDC growth charts   | Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) | Annual        |                        |                |   |
| Dental caries (age range is older than 0-5)   |                      | Number of 6 to 9 years olds  | Number of 6 to 9 year olds with a cavity  | SMILE Survey  | Every 5 years |                        |                |   |
| Flourishing   |                      | Children age 6 months-5 years  | Children who met all 4 flourishing items  | National Survey of Children's Health  | Annual        |                        |                |   |
| Proportion CYSHCN   |                      | Children age 0-17 years  | Children with two or more functional difficulties   | National Survey of Children's Health  | Annual        |                        |                |   |
| Health status   |                      | Children age 0-17 years  | Children who have excellent or very good health   | National Survey of Children's Health  | Annual        |                        |                |   |
| Condition of teeth  |                      | Children age 1-17 years  | Children who have excellent or very good teeth  | National Survey of Children's Health  | Annual        |                        |                |   |
| Oral health problems  |                      | Children age 1-17 years  | Children who had one or more oral health problems in past 12 months   | National Survey of Children's Health  | Annual        |                        |                |   |
| Breastfed ever  |                      | Children age 0-5 years   | Children less than 6 years old who were breastfed or fed breast milk during infancy   | National Survey of Children's Health  | Annual        |                        |                |   |
| Exclusively breastfed first 6 months  |                      | Children age 6 months - 5 years  | Children who were exclusively breastfed or fed breast milk for the first six months of life   | National Survey of Children's Health  | Annual        |                        |                |   |
| Prevalence of ADD/ADHD  |                      | Children age 3-17 years  | Children who currently have ADD or ADHD   | National Survey of Children's Health  | Annual        |                        |                |   |
| Prevalence of autism/ASD  |                      | Children age 3-17 years  | Children with mild current ADD/ADHD; Children with moderate current ADD/ADHD; Children with severe current ADD/ADHD   | National Survey of Children's Health  | Annual        |                        |                |   |
| Physical and mental health status of mother and father  |                      | Children age 0-17 years who live with their biological, step, adoptive, or foster mother/father  | Children whose mother's/father's physical health status is excellent or very good   | National Survey of Children's Health  | Annual        |                        |                |   |

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| Household smoking              |                    | Children age 0-17 years                                   | Children who live in households where someone uses cigarettes, cigars, or pipe tobacco   | National Survey of Children's Health       | Annual    |                        |                |       |
| Family resilience              |                    | Children age 0-17 years                                   | Children who live in a family that met all 4 family resilience items   | National Survey of Children's Health       | Annual    |                        |                |       |
| Screen time                    |                    | Children age 0-17 years                                   | Children who watch TV 4 hours or more per day; Children who use electronic devices 4 hours or more per day   | National Survey of Children's Health       | Annual    |                        |                |       |
| ACEs                           |                    | Children age 0-17 years                                   | Children with 2 or more adverse childhood experiences  | National Survey of Children's Health       | Annual    |                        |                |       |
| Parental social support        |                    | Children age 0-17 years                                   | Children whose parents had someone to turn to for day-to-day emotional support with parenting or raising children  | National Survey of Children's Health       | Annual    |                        |                |       |
| Neighborhood support           |                    | Children age 0-17 years                                   | Children who live in supportive neighborhoods  | National Survey of Children's Health       | Annual    |                        |                |       |
| Neighborhood safety            |                    | Children age 0-17 years                                   | Children whose parents definitely agree that their children are safe in the neighborhood   | National Survey of Children's Health       | Annual    |                        |                |       |
| Breastfeeding                  |                    | Infants 0-3 months; 0-6 months; 0-12 months               | Infants ever breastfed; Infants breastfed up to 3 months; Infants breastfed up to 6 months; Infants breastfed up to 12 months; Infants exclusively breastfed up to 3 months; Infants exclusively breastfed up to 6 months  | PRAMS/PRAMS-2 National Immunization Survey | Annual    |                        |                |       |
| Special health care needs      |                    | Number of two year olds                                   | Number of two year olds that need or get special therapy, such as physical, occupational or speech therapy   | PRAMS-2                                    | Annual    |                        |                |       |
| Fluoride drops or tablets      |                    | Number of two year olds                                   | Number of two year olds that take a multivitamin with fluoride, fluoride drops or fluoride tablets   | PRAMS-2                                    | Annual    |                        |                |       |
| Screen time                    |                    | Number of two year olds                                   | Number of two year olds that watch more than two hours of TV or videos per day   | PRAMS-2                                    | Annual    |                        |                |       |
| Reading to child               |                    | Number of two year olds                                   | Number of two year olds whose parents read a book or story to them every day   | PRAMS-2                                    | Annual    |                        |                |       |
| Household smoke                |                    | Number of two year olds                                   | Number of two year olds who live in a household with anyone who smokes cigarettes, cigars or pipes   | PRAMS-2                                    | Annual    |                        |                |       |
| Maternal mental health         |                    | Number of new mothers; Number of mothers of two year olds | Number of new mothers who self-report depressive symptoms; Number of mothers of two year olds who self-report depressive symptoms  | PRAMS/PRAMS-2                              | Annual    |                        |                |       |
| Maternal stressful life events |                    | Number of new mothers; Number of mothers of two year olds | Number of new mothers who experienced two or more stressful life events in the 12 months prior to giving birth; Number of mothers of two year olds who experienced two or more stressful life events in the past 12 months | PRAMS/PRAMS-2                              | Annual    |                        |                |       |

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| Maternal social support   |                    | Number of new mothers; Number of mothers of two year olds | Number of new mothers who report having three or more of five types of social support; Number of mothers of two year olds who report having three or more of five types of social support   | PRAMS/PRAMS-2 | Annual    |                        |                |       |
| Food insecurity           |                    | Number of new mothers; Number of mothers of two year olds | Number of new mothers who ever ate less food than they felt they should in the 12 months before their baby was born because there wasn't enough money to buy food; Number of mothers of two year olds who ever ate less food than they felt they should in the past 12 months because there wasn't enough money to buy food | PRAMS/PRAMS-2 | Annual    |                        |                |       |
| Intimate partner violence |                    | Number of new mothers; Number of mothers of two year olds | Number of new mothers who experienced intimate partner violence in the 12 months prior to or during pregnancy; Number of mothers of two year olds who experienced intimate partner violence in the past 12 months   | PRAMS/PRAMS-2 | Annual    |                        |                |       |