

Part 1 HEALTH STATUS AND DETERMINANTS OF HEALTH & WELL-BEING

Module 1 HEALTH STATUS

Category 1 Deaths

Mortality Rate

- Mortality Rate (ID1)
- Age-Specific Death Rates (ID2)
- Premature Mortality Rates (ID3)

Mortality Rate - Infant Mortality

- Infant Mortality Rate (ID4)
- Neonatal Mortality Rate (ID5)

Potential Years of Life Lost (PYLL)

- PYLL - Due to All Deaths (ID6)
- PYLL - Due for Selected Causes (Cancer, Respiratory, Circulatory, Injury) (ID7)

Leading Causes of Death

- Top 10 Causes of Death (ID9)
- Leading Causes of Unintentional Injury Death (ID10) - *Pending*
- Leading Causes of Death by Selected Disease Categories (ID12)
- Leading Causes of Death by Geography (ID13)
- Leading Causes of Death by Age (ID14)
- Leading Causes of Death by PYLL (ID15)
- Leading Causes of Infant Mortality (ID16)

Injury Deaths

- All Injury Death-Rates, Counts, PYLL (ID17) – *Pending*
- Self-Inflicted Injury Deaths (Suicide) (ID18) - *Pending*

Category 2 Length of Life

Life Expectancy

- Life Expectancy at birth (ID19)
- Life Expectancy at 65 years (ID20)
- Disability-free Life Expectancy (ID21)

Category 3 Health Conditions & Diseases

Infant & Maternal Health

- High Birth Weight (ID22)
- Low Birth Weight (ID23)
- Pre-term Birth Rate (ID24)
- Teen Pregnancy Rate (ID25)
- Live Births by Age of Mother (ID26)
- Fertility Rate (ID27)
- Pelvic Inflammatory Disease (PID) and Ectopic Pregnancies (EP) (ID60)

Leading Health Problems - Cancer

- Cancer Incidence (ID28)

Leading Health Problems - Arthritis/Rheumatism

- Prevalence of Arthritis/Rheumatism (ID30)

Leading Health Problems - Diabetes

- Diabetes Incidence (ID31)
- Diabetes Prevalence (ID32)

Leading Health Problems - Asthma

- Asthma Prevalence (Self-reported) (ID33)
- Asthma Diagnosis through Physician Visit (ID34)
- Total Respiratory Morbidity (ID35)

Leading Health Problems - Hypertension

- Prevalence of Hypertension Treatment (ID36)

Hypertension - Self-reported (ID37)

Leading Health Problems - Cardiovascular Diseases

Stroke (ID38)

AMI (Acute Myocardial Infarction) (ID39)

Leading Health Problems - Mental Health Issues

Suicide: Proportion of Population Having Serious Thoughts About Suicide (ID40)

Depression (ID41)

Rate of Mental Health Disorders in the Population (ID43) – *Pending*

Leading Mental Health Disorders (ID44) – *Pending*

Proportion of Population with Anti-depressant Prescriptions (ID79)

Leading Health Problems – Injury

Number of Residents Hospitalized Due to Injury (ID45) – *Pending*

All Injury Hospitalization – Counts, Rates (ID46) – *Pending*

Leading Causes of Unintentional Injury Hospitalizations-Counts, Rates (ID47) – *Pending*

Self-reported Injuries (ID48)

Communicable Diseases - Sexually Transmitted Infections, Bloodborne Pathogens & Tuberculosis

Chlamydia Incidence (ID49)

Gonorrhea Incidence (ID50)

Syphilis Incidence (ID51)

Human Immunodeficiency Virus (HIV) (ID52)

Tuberculosis Incidence (ID53)

Hepatitis B (acute cases) Incidence (ID54)

Hepatitis C Virus (ID55)

Communicable Diseases - Vaccine-Preventable Diseases & Immunizations

Vaccine-Preventable Diseases (ID56)

Childhood Immunization: Hepatitis B Immunization for Grade 4 Students (ID57) - *Pending*

Childhood Immunization: Immunization Coverage for 1, 2, and 7 year olds (ID58)

Communicable Diseases - Enteric, Food and Waterborne Illnesses

Enteric, Food and Waterborne Illnesses-Cases & Crude Rates (ID59)

Category 4 Ability to Function

Disability Rates

Two-Week Disability Days (ID62)

Activity Limitation

Proportion of Population that has Limits to their Daily Function (ID63)

Category 5 Well-Being

Self-rated Health (ID64)

Functional Health (ID65)

Mental Health

Self-Esteem (ID66)

Mental Health - Life Stress

Life Stress (ID67)

Module 2 DETERMINANTS OF HEALTH & WELL-BEING

Category 6 Personal Health Behaviours

Healthy Weights

Body Mass Index (International Standard) (ID68)

Nutritional Health

Dietary Practices (ID69)

Substance Abuse - Heavy Drinking (Alcohol)

Proportion of Population who are Heavy Drinkers (ID70)
Alcohol Dependence (ID71)

Substance Abuse - Smoking

Proportion of Population who are Regular Smokers (ID72)
Smoking Initiation by Age & Gender (ID73)

Substance Abuse - Drug Abuse

Drug Abuse (ID74)

Medications/Prescription Drugs

Prescription Drug Use (ID75)
Number of Different Drugs per User (ID76)
Proportion of Population with One or More Antibiotic Prescriptions (ID77)
Number of Prescriptions for Antibiotics (ID78)
Proportion of Population with Anti-depressant Prescriptions (ID79)

Physical Safety - Automobile Safety

Seat Belt Use (ID80)
Child Restraints (ID81)

Physical Activity

Physical Activity & Leisure-time (ID82)

Category 7 Social Support Networks**Family and Home**

Dependency Ratio (ID85)

Family and Home - Marital Status

Legal Marital Status (ID86)
Common-law Status (ID87)

Family and Home - Household Living Arrangements

Persons in Private Households (ID88)
Seniors in Private Households (ID89)
Census Families in Private Households by Size (ID90)
Private Households by Household Type (ID91)
Private Households by Household Size (ID92)

Family and Home - Families

Children at Home (ID93)
Couple Families (ID95)
Single-Parent Families (ID96)
Single-Parent Households with Children (ID98)

Category 8 Living & Working Conditions**Income & Social Status**

Income Inequality: Median Household Income (ID99)
Income Inequality: Median Individual Income (ID100)
Employment Income by Work Activity (ID101)
Census Family Income (ID102)
Low Income Cut-Offs (ID103)

Employment & Working

Employment Rates (ID104)
Labour Force Participation Rates (ID105)
Unemployment Rates (ID106)
Youth Employment (ID107)
Hours Spent Looking After Children without Pay (ID109)
Hours Spent Providing Unpaid Care or Assistance to Senior Citizens (ID110)

Employment & Working - Occupation

Labour Force by Class of Worker (ID111)
Labour Force by Occupation (ID112)

Language Spoken at Work (ID113)

Education & Literacy

School Attendance (ID115)

Education Levels Attained (ID116)

Post-secondary Education (Qualifications) by Field of Study (ID117)

Category 9 Environmental Factors

Exposure to Second-Hand Smoke (ID118)

Physical Environment - Natural Environment

Air Quality (ID119)

Water Quality (ID120)

Parks (Green Space) (ID121)

Physical Environment - Housing (Dwellings)

Dwellings by Tenure (ID122)

Dwellings by Condition of Dwelling (ID123)

Dwellings by Period of Construction (ID124)

Dwellings by Structural Type (ID125)

Housing Affordability (ID126)

Physical Environment - Transportation

Mode of Transportation to Work (ID127)

Physical Environment - Physical Environment

Recreational Facilities (ID128)

Libraries (ID129)

Schools (ID130)

Category 10 Healthy Child Development

Newborns & Infants

Congenital Anomalies (ID137) - *Pending*

Newborns & Infants - Birth Weight

High Birth Weight (ID22)

Low Birth Weight (ID23)

Pre-term Birth Rate (ID24)

Newborns & Infants - Breastfeeding

Breastfeeding Practices -Initiation (ID134)

Breastfeeding Practices -Duration (ID135)

Children - Immunization

Childhood Immunization: Hepatitis B Immunization for Grade 4 Students (ID57) - *Pending*

Childhood Immunization: Immunization Coverage for 1, 2, and 7 year olds (ID58)

Children - Childhood Injury

Injury Mortality Rates, 0-19 years (ID140) – *Pending*

Injury Hospitalization Rates, 0-19 years (ID141) – *Pending*

Children - Health Conditions

Childhood Asthma Rates (ID142) - *Pending*

Youth

Youth Health Education Workshops (ID143)

Category 11 Biology & Genetics

Biology & Genetics (ID296)

Category 12 Culture

Ethnic Origin (ID144)

Category 13 Gender

Gender (ID295)

- Category 14 Social Environments**
Safety in the Community - Criminal Offences
 Criminal Code Offences (ID147)
 Impaired Driving Charges (ID148)

Part 2 HEALTH SYSTEM PERFORMANCE

Module 3 HEALTH SYSTEM PERFORMANCE-RESPONSIVENESS

- Category 15 Availability**
 Hospital Beds per 1000 Residents (ID149)
 Full-time Equivalent Physicians per 1000 Residents (ID150)
 Home Care New Cases (ID151)
 PCH Beds per 1000 Population Age 75 and Over (ID152)
 Availability of Fire, Rescue, Paramedic Services (ID153)
- Category 16 Accessibility**
 Admission to PCH per 1000 in the Last Year (ID155)
 Residents of PCH per 1000 Population (ID157)
 GP and Specialist Visits by Location per 1000 Residents (ID158)
 Contact with Medical Doctors (ID250)
 All Patients: Location of Residence (ID263) - *Pending*
 Hospital Utilization - Inflow-Outflow (ID302)
- Category 17 Timeliness**
 Median Length of Waiting Times Before Admission to PCH (ID159)
- Category 18 Continuity**
 Continuity (ID298)
- Category 19 Equity**
 Equity (ID299)

Module 4 HEALTH SYSTEM PERFORMANCE-SYSTEM COMPETENCY

- Category 20 Appropriateness**
 Caesarian Section (ID160)
 Hysterectomy (ID161)
 Tonsillectomy/Adenoidectomy (ID162)
 Vaginal Birth After Caesarian Section (ID163)
- Category 21 Competence**
 Approved & Pending Care Maps for Core Services (ID164)
- Category 22 Effectiveness**
 Ambulatory Care Sensitive Conditions (ID166)
- Category 23 Safety**
 Safety (ID304)
- Category 24 Legitimacy**
 Legitimacy (ID300)
- Category 25 Efficiency**
 Efficiency (ID305)

Category 26 System Alignment
System Alignment (ID301)

Module 5 HEALTH SYSTEM PERFORMANCE-CLIENT/COMMUNITY FOCUS

- Category 27 Communication**
Annual General Meeting (AGM) (ID169)
Complaint Management Process (ID170)
Easily Accessible Information on Services by Region and Community (ID171)
External Communication (ID172)
Current Inventory of Specific Health Programs in Place (ID173)
- Category 28 Confidentiality**
Management of Complaints (ID174)
Management of Confidentiality (ID175)
PHIA Training (ID176)
- Category 29 Participation and Partnership**
Advisory Committees (Community Health Advisory Councils) (ID177)
Community Consultation/Public Participation (ID306)
- Category 30 Respect & Caring**
Client and Public Input (ID178)
Evidence of Translation Services (ID179)
Spiritual Care (ID180)
Palliative Care Services (ID181)
- Category 31 Organization Responsibility & Involvement in the Community**
Health/Environmental Issues Partnership (ID182)
Staff Participation in Community Events (ID183)
Staff Participation in External Committees (ID184)
- Category 32 Acceptability**
Responses to Results of Client Satisfaction Surveys (ID185)

Module 6 HEALTH SYSTEM PERFORMANCE-WORK LIFE

- Category 33 Open Communication**
Exit Interviews (ID186)
Internal Newsletters (ID187)
Staff Satisfaction Survey (ID188)
- Category 34 Role Clarity**
Staff Orientation (ID190)
Performance Management Process (ID191)
Job Descriptions (ID192)
- Category 35 Participation in Decision Making**
Staff Participation on Internal Committees (ID193)
Staff/Management Committees (ID194)
Teamwork Process (ID195)
Management/Staff Information Exchange (ID196)
- Category 36 Learning Environment**
Information Resources (ID197)
Staff Education Budget (ID198)

Staff Education Activities (ID199)

Category 37 Well-Being

Family Friendly Workplace (ID200)
 Staff Diversity (ID201)
 Staff Turnover Rates (ID202)
 Subsidized Health Related Programs (ID203)
 Workplace Wellness Initiatives (ID205)

Module 7 HEALTH SYSTEM INFRASTRUCTURE

Category 38 Finances

Ratio Between Acute and Community Costs (ID206)
 Administrative Costs as Percentage of Total Operating Costs (ID207)

Category 39 Human Resources

Staff Education Needs Assessment (ID208)
 Volunteer Contribution (ID209)
 Position Vacancy Rate: Selected Positions (ID210)
 Length of Time Positions are Vacant (ID211)

Category 40 Leadership

New Programs/Services with Impact Analysis and Evaluation Strategy (ID212)
 Staff/Management Ratio (ID213)
 Management and Leadership Training (ID214)
 Career Advancement (ID215)
 Organizational Chart for External Use (ID216)
 Successor Planning, Including Gender Analysis (ID217)

Category 41 e-Health

e-Health Strategic Plan (ID218)
 Percent Budget Spent on e-Health Support (ID219)
 Allocated e-Health Funding Relative to Strategic Plan (ID220)
 Information Technology Development (ID303)

Category 42 Physical Structure & Equipment

Physical Structure-Existing Hospitals (ID221)
 Physical Structure-New Construction (ID222)
 Equipment-Specialized (ID223)

Category 43 Public Health Surveillance

Childhood Immunization: Immunization Coverage for 1, 2, and 7 year olds (ID58)
 Immunization for Pneumococcal Disease for Population aged 65+ (ID225)
 - *Pending*
 Mammography Screening (ID227)
 Cervical Cancer Screening (ID228)
 Percent / Rates of Immunizations per Region (ID229)
 Immunization for Influenza (Adult Flu) (ID230) - *Pending*

Category 44 Research

Research Projects (ID231)

Part 3 COMMUNITY & HEALTH SYSTEM CHARACTERISTICS

Module 8 POPULATION DEMOGRAPHICS

Category 45 Population Demographics

Population Attributes

Language Spoken at Work (ID113)
 Ethnic Origin (ID144)
 1-Year Mobility Status (ID238)
 5-Year Mobility Status (ID239)
 Language Spoken in the Home (ID243)
 Population Pyramids (ID247)

Population Attributes - Aboriginal Population

Total Aboriginal Population (Self-Identified) (ID232)

Population Attributes - Immigrants

Total Immigrant Population by Period of Immigration (ID233)
 Total Immigrant Population by Age at Immigration (ID234)
 Landed Immigrants by Place of Birth (ID235)

Population Attributes - Visible Minorities

Total Visible Minority Population (Self-Identified) (ID237)

Geographic Attributes

Population Density (ID248)

Category 50 Population Projections

WHR Population Projections (ID246)
 Aboriginal Population Projections (ID297)

Module 9 HEALTH SERVICE UTILIZATION

Category 46 Health Service Utilization

Physician & Other Health Care Professionals Services

Medical Utilization Rates (ID290)

Physician & Other Health Care Professionals Services - Contact with Health Professionals

GP and Specialist Visits by Location per 1000 Residents (ID158)
 Contact with Medical Doctors (ID250)
 Contact with Alternative Health Care Provider (ID251)
 Contact with Dentists (ID252)
 Contact with Health Professionals about Mental Health (ID253)

Physician & Other Health Care Professionals Services - Visit Rates

Top Diagnosis for Physician Visits (ID261)

Hospital

Hospital Beds per 1000 Residents (ID149)
 Hospital Utilization - Inflow-Outflow (ID302)

Hospital - Services Utilization

All Patients: Location of Residence (ID263) - *Pending*
 All Patients: Volume Matrix of Hospital Care (ID264) - *Pending*
 All Patients: Reasons for Hospital Care (ID265) - *Pending*

Hospital - Population Utilization

WHR Residents: Location of Hospital Care (ID266) - *Pending*
 WHR Residents: Volume Matrix of Hospital Care (ID267) - *Pending*
 WHR Residents: Reasons for Hospital Care (ID268)

PCH

PCH Beds per 1000 Population Age 75 and Over (ID152)
 Admission to PCH per 1000 in the Last Year (ID155)
 Residents of PCH per 1000 Population (ID157)
 Median Length of Waiting Times Before Admission to PCH (ID159)

Level of Care on Admission to PCH (ID274)
 Median LOS for PCH Residents by Location (ID275)

Home Care

Home Care New Cases (ID151)
 Open Home Care Cases (ID277)
 Home Care: Average Number of Days per Case (ID278)

High Profile and Discretionary Procedures

Caesarian Section (ID160)
 Hysterectomy (ID161)
 Tonsillectomy/Adenoidectomy (ID162)
 Cardiac Catheterization (ID279)
 Angioplasty (ID280)
 Coronary Artery Bypass Graft Surgery (CABG) (ID281)
 Hip Replacement (ID282)
 Knee Replacement (ID283)
 Cataracts (total) (ID284)
 CT Scan Rates (ID285)

Community

Site Locations of WRHA Health Services by Community Area (ID294)

Module 10 EXPENDITURES

Category 47 Expenditures

Health Care Expenditures Per Capita (ID292)
 Distribution of Health Care Expenditures (ID293)