

Opioid Agonist Treatment (OAT) Indicators

Number of Clients Dispensed OAT

Description of measure	The number of unique clients who were dispensed OAT at a BC community pharmacy
Definitions	<p>Case Definition: A client is considered to be on a particular OAT drug when they have been dispensed that drug, based on drug identification number, at least once in a given month.</p> <p>Drugs Included: methadone, buprenorphine/naloxone and sustained release oral morphine, diacetylmorphine, and hydromorphone are available in this monitoring.</p> <p>Derived Drug Category – ANY OAT: As drug switching in a given month does occur, distinct clients may appear in more than one OAT drug type category (e.g. started on methadone, switched to suboxone). The category *ANY OAT* counts unique individuals, dispensed any OAT drug type in that month, only once.</p> <p>Geography: Geography is assigned based on client address whenever available and, when missing, location of dispensation is assigned. Clients with missing or unknown geography largely represent out of province clients. Depending on the report, the indicator may be available for the province, by Health Authority, Health Service Delivery Location, or Local Health Area.</p> <p>Frequency: This indicator is based on calendar year months and is refreshed each month. The indicator monitoring begins in 2015 Q1.</p> <p>Lag: Data on the most recent complete month becomes available 6 weeks after end of the month</p> <p>Format: available as aggregate numbers by geography, month, and sex</p>
Data Source(s)	BC PharmaNet Data is provided by Pharmaceutical Analytics, Integrated Analytics: Community & Cross Sector Branch, Health Sector Information, Analysis, & Reporting Division
Caveats	<ul style="list-style-type: none"> • Data represents clients who filled prescriptions, not all clients who were written prescriptions • PharmaNet data covers BC community pharmacies. It does not cover OAT dispensed in inpatient settings. It does include dispensations to federally insured clients. • Clients with missing or unknown geography largely represent out of province clients. • OAT clients are defined as having received OAT in a given month based on at least one dispensation. Thus, this indicator does not assess discontinuation or adequate dosage in a given quarter. Other indicators are needed to assess adequacy of OAT. • As clients may use more than one OAT drug in the same month, the number of clients for the *ANY OAT* category may be lower than the sum of clients for all drug types

Opioid Agonist Treatment (OAT) Indicators

Number of Clients Dispensed OAT for the First Time

Description of measure	The number of unique clients dispensed OAT for the first time at a BC community pharmacy
Definitions	<p>Case Definition: a client is included in the counts for a particular OAT drug type when they have been dispensed that drug, based on drug identification number, at least once in a given month AND they have no prior BC PharmaNet record for that drug. Clients *new* to one OAT drug (e.g. slow-release oral morphine) may have switched from another OAT drug (e.g. methadone). Clients who discontinue an OAT drug and resume the same drug will not be captured as a *new* client for that drug, no matter the interval.</p> <p>Drugs Included: methadone, buprenorphine/naloxone and sustained release oral morphine, diacetylmorphine, and hydromorphone are available in this monitoring.</p> <p>Derived Drug Category – ANY OAT: As drug switching in a given month does occur, distinct clients may appear in more than one OAT drug type category (e.g. started on methadone, switched to suboxone). The category *ANY OAT* counts unique individuals, dispensed any OAT drug type in that month, only once. .</p> <p>Geography: Geography is assigned based on client address whenever available and, when missing, the location of dispensation is assigned. Clients with missing or unknown geography largely represent out of province clients. Depending on the report, the indicator may be available for the province, by Health Authority, Health Service Delivery Location, Local Health Area.</p> <p>Frequency: This indicator is based on calendar year months and is refreshed each month. The indicator monitoring begins in January 2015.</p> <p>Lag: Data on the most recent complete month becomes available 6 weeks after end of the month</p> <p>Format: available as aggregate numbers by geography, month, and sex</p>
Data Source(s)	BC PharmaNet Data is provided by Pharmaceutical Analytics, Integrated Analytics: Community & Cross Sector Branch, Health Sector Information, Analysis, & Reporting Division
Caveats	<ul style="list-style-type: none"> • Data represents clients who filled prescriptions, not all clients who were written prescriptions • PharmaNet data covers BC community pharmacies. It does not cover OAT dispensed in inpatient settings. It does include dispensations to federally insured clients. • Clients with missing or unknown geography largely represent out of province clients. • OAT clients are defined as having received OAT in a given month based on at least one dispensation. Thus, this indicator does not assess discontinuation or adequate dosage in a given quarter. Other indicators are needed to assess adequacy of OAT. • OAT clients are defined as *new* in a given month based on history available in BC PharmaNet records. Thus new clients may include some individuals previously on the drug in another province/country or a corrections/inpatient facility. • Individuals resuming OAT after lengthy periods of discontinuation (i.e. >5 years) will not be considered new. Other analysis is needed to consider consistency and adequacy of OAT. • As clients may be new to using more than one OAT drug in a specific month, the number of clients for the *ANY OAT* category may be lower than a specific drug type or any combination of drug types.

Opioid Agonist Treatment (OAT) Indicators

Number of OAT Prescribers

Description of measure	The number of BC clinicians prescribing OAT as assessed by prescriptions filled at community pharmacies
Definitions	<p>Case Definition: a BC clinician is defined as an OAT prescriber when at least one client has filled a prescription for an OAT drug, based on drug identification number, in a given month.</p> <p>Drugs Included: methadone, buprenorphine/naloxone and sustained release oral morphine, diacetylmorphine, and hydromorphone are available in this monitoring.</p> <p>Derived Drug Category – ANY OAT: As drug switching in a given month does occur, distinct prescribers may appear in more than one OAT drug type category (e.g. started on methadone, switched to suboxone). The category *ANY OAT* counts unique individuals who dispensed any OAT drug type in that month, only once.</p> <p>Geography: This indicator is available at the HA, HSDA, and LHA level. LHA is assigned based on prescriber LHA.</p> <p>Frequency: This indicator is based on calendar year months and is refreshed each month. The indicator monitoring begins in January 2015.</p> <p>Lag: Data on the most recent complete month becomes available 6 weeks after end of the month</p> <p>Format: available as aggregate numbers by geography, month, and sex</p>
Data Source(s)	BC PharmaNet Data is provided by the Pharmaceutical Analytics, Integrated Analytics: Community & Cross Sector Branch, Health Sector Information, Analysis, & Reporting Division
Caveats	<ul style="list-style-type: none"> PharmaNet data covers dispensations from BC community pharmacies, at patient and prescriber levels. It does not cover OAT prescribed in inpatient settings. OAT prescribers are defined in a given month based on at least one dispensation from a prescription they have provided. This indicator does not assess discontinuation or adequate dosage in a given month. Other indicators are needed to assess adequacy of OAT. As practitioners commonly prescribe more than one OAT drug, the number of prescribers for the *ANY OAT* category may be lower than the sum of prescribers for all drug types

Opioid Agonist Treatment (OAT) Indicators

Number of New OAT Prescribers

Description of measure	The number of BC clinicians prescribing OAT for the first time
Definitions	<p>Case Definition: a BC clinician is defined as a new OAT prescriber when at least one client has filled a prescription for an OAT drug, based on drug identification number, in a given month at a community pharmacy AND the clinician has not prescribed that drug type in the past, as assessed by available PharmaNet records.</p> <p>Drugs Included: methadone, buprenorphine/naloxone and sustained release oral morphine, diacetylmorphine, and hydromorphone are available in this monitoring.</p> <p>Definition of NEW: A clinician is considered <i>*new*</i> to prescribing a specific OAT drug if they have no prior BC PharmaNet record indicating they have prescribed that drug in the past. Since prescribers <i>*new*</i> to prescribing one OAT drug (e.g. slow-release oral morphine) may then newly prescribe another drug type (e.g. methadone), the same clinician can be new to each drug type.</p> <p>Derived Drug Category – *ANY OAT*: The category, <i>*ANY OAT*</i> considers unique new prescriber counts across all of the OAT drugs being monitored. Since prescribers <i>*new*</i> to prescribing one OAT drug (e.g. slow-release oral morphine) may then newly prescribe another drug type (e.g. methadone) within the same month, this measure counts unique clinicians only once.</p> <p>Geography: Geography is assigned based on prescriber location. Depending on the report, the indicator may be available for the province, by Health Authority, Health Service Delivery Location, or Local Health Area.</p> <p>Frequency: This indicator is based on calendar year months and is refreshed each month. The indicator monitoring begins in January 2015.</p> <p>Lag: Data on the most recent complete month becomes available 6 weeks after end of the month</p> <p>Format: available as aggregate numbers by geography, month, and sex</p>
Data Source(s)	BC PharmaNet Data is provided by the Pharmaceutical Analytics, Integrated Analytics: Community & Cross Sector Branch, Health Sector Information, Analysis, & Reporting Division
Caveats	<ul style="list-style-type: none"> PharmaNet data covers dispensations from BC community pharmacies, at patient and prescriber levels. It does not cover OAT dispensed in inpatient settings. OAT prescribers are defined as <i>*new*</i> based on at least one dispensation from a prescription they have provided for a given drug in a given month. This indicator does not assess discontinuation or adequate dosage in a given month. Other indicators are needed to assess adequacy of OAT. As practitioners may prescribe more than one OAT drug, the number of prescribers for the <i>*ANY OAT*</i> category may be lower than a specific drug type or any combination of drug types.