

HDC 2.2.1 Release Notes

These release notes contain supplemental information about the HDC web application, Version 2.2.1.

Please don't hesitate to contact our support line support@hdcbc.ca should you have any questions or comments about any of these changes.

What's new?

In this release there have been significant changes in the way measures are calculated. This is a result of a review of each measure, as well as the migration towards the new Universal Schema. The Universal Schema is what allows the HDC to normalise the data from all the different EMRs, allowing for sharing and comparison of data between users of MOIS and OSCAR.

This is the second of two releases support this transition. It most significantly impacts users who employ an EMR from MOIS.

Changes for all users

Easier viewing of registration documents

We have modified the registration process to allow a user registering to the HDC application to view the required registration, code of conduct and data sharing agreements (as applicable) as pdf files in separate browser windows, and/or to download the agreements for viewing offline.

Using Historical Data as a proxy for current data

We have modified the algorithm for handling situations where data has not been updated for the current quarter.

When looking at an individual data contributor or individual clinic level, if data is missing for the current quarter, no information will be provided, with the exception of the historical trend data.

When looking at a grouping of individual data contributors or clinics, if data is missing for the current quarter, the previous quarter will be used as a proxy. This is done to minimize disruptions in trendlines due to data issues.

Changes specifically for MOIS users

Data Uploads

The process of sharing data from the MOIS EMR has changed from a manual upload of scorecards to an automated data transfer. This requires the installation of an HDC endpoint in your clinic. An HDC representative will be in touch to set up this automation.

Merging of AMCARE measures to HDC measures

The measures that were a part of the AMCARE solution have been merged in with the HDC base list of measures. This allows for MOIS users to compare and share data with HDC members that are using other EMR's such as OSCAR.

As part of this process the existing measures were reviewed and updated as appropriate. The result of this included some measures being modified, retired, or replaced.

Modified means the measure has been updated with a new definition to look back three years.

Retired means that a measure is no longer being updated within the HDC. Currently you will not be able to see any data for these measures in the HDC, but we will reintroduce some of these to allow for historical review in a future release.

Replaced means there was an existing HDC measure that was available and comparable, it will be used going forward, and the old measure is no longer available. In this case the measure has been populated with data going back three years.

Also, merging the AMCARE channel with HDC base channel makes all legacy HDC base measures available for MOIS users. Please see the table below for all changes in measures for MOIS users:

Changes for MOIS Users	What Has Changed
Active Patient definition	“Active Patient” is a patient flagged as “Active” in EMR who has at least one encounter in the last three years. Having an active prescription is no longer a determinant for active patients. This change has affected the number of active patients which is the denominator of many measures
High Blood Pressure definition in all related measures	Changed from 130/80 to 140/90
Chlamydia screening	Changed from 18-24 years of age to 15-24
FBS screening in last three years	Changed from over 45 years to over 40 years
Cervical cancer screening	Change from 21-69 years of age to 25-69 years
Asthma and peak flow in last year	Retired
CKD with Alb/Cr in last year in target range	Retired - and no new data will be recorded
LDL in last year ≤ 2.5	Retired
HbA1c in last year ≤ 7	Retired - replaced by a series
Diabetes composite in last year	Retired - no new data
CalGFR < 60 and BP measured in past 6 months	Retired - replaced with “Impaired Renal Function and BP Measurement within 6 Months”
Patients with encounter in the last three years	Retired
Patient care plan entry in last year	Retired- replaced by “Patients with Preference or Goal - Seen in the Last 3 Years and Active”
Statin for secondary prevention	Retired - no new data
Statin for primary prevention	Retired - no new data
Osteoporosis assessment in last 5 years	Retired - replaced with “Osteoporosis assessment for active female patients, age 60 to 79.”
Cholesterol in last 5 years	Retired - no new data

Truncal obesity age>19	Retired - Replaced with three new measures as “Obesity in adults”
Schizophrenia Bipolar prevalence	Retired -replaced with a new set of mental health measures
Mental Health Prevalence	Retired
Mental Health Condition and at Least 1 GAF Completed in the Last 12 Months	Retired
Obesity in Adults	Retired - Replaced with a series
Hypertension ans BP in last year	Renamed - Hypertension and Blood Pressure Documented
10 or More Long Term Medications-Age 65+	Renamed - 65 and Older on 10 or More Long Term Medications
5 or More Long Term Medications-Age 65+	Renamed - 65 and Older on 5 or More Long Term Medications
Chlamydia Tests with POS Result	Renamed - Chlamydia STD Prevalence (F 15-24)
Cervical Cancer Screening, Females Ages 25 to 69	Changed Definition
CKD and LAST BP within 140/90 in Past Year.	Changed Definition
Diabetes and BP Within 140/90 in Past Year	Changed Definition
Frailty Prevalence	Changed Name
Mood Disorders Prevalence	Replaced Major Depression Prevalence
Patients over 21 Years Old with BP - Seen in the Last 3 Years and Active	Changed Definition
Patients with Vaccinations during last three years	Changed Name
Hypertension and Last Blood Pressure Less than 140/90 in Past Year.	Changed Definition
Metformin Use - Age 65+	Changed Name (Biguanides)
HIV Screening - Age 18+	New Measure
Diabetes and LDL in Past 5 Years	New Measure
Chlamydia STD Prevalence (F 15-24)	New Measure

Primarily psychotic disorders prevalence	New Measure
Ratio of Coded Prescriptions Issued to Active Patients in the Last Year	New Measure
Ratio of Current Long Term Medications that are Coded for Active Patients	New Measure
Impaired Renal Function and BP Measurement within 6 Months	New Measure
Obesity in Adults by Last Measurement	New Measure
Obesity in Adults by Health Concern	New Measure
Obesity in Adults by Last Measurement or Health Concern	New Measure
Parkinson's Prevalence	New Measure
[1st Gen Cephalosporins] Cefalexin Use in Past Year - All Ages	New (from HDC)
[2nd Gen Cephalosporins] Cefaclor Use in Past Year - All Ages	New (from HDC)
[2nd Gen Cephalosporins] Cefuroxime Use in Past Year - All Ages	New (from HDC)
[3rd Gen Cephalosporins] Cefixime Use in Past Year - All Ages	New (from HDC)
[Macrolides] Azithromycin Use in Past Year - All Ages	New (from HDC)
[Macrolides] Clarithromycin Use in Past Year - All Ages	New (from HDC)
[Macrolides] Clindamycin Use in Past Year - All Ages	New (from HDC)
[Macrolides] Erythromycin Use in Past Year - All Ages	New (from HDC)
[Nitrofurans] Nitrofurantoin Use in Past Year - All Ages	New (from HDC)
Other Antibiotics Used in Past Year - All Ages	New (from HDC)

[Penicillins] Amoxicillin Use in Past Year - All Ages	New (from HDC)
[Penicillins] Ampicillin Use in Past Year - All Ages	New (from HDC)
[Penicillins] Cloxacillin Use in Past Year - All Ages	New (from HDC)
[Penicillins] Penicillin V Used in Past Year - All Ages	New (from HDC)
[Quinolones] Ciprofloxacin Use in Past Year - All Ages	New (from HDC)
[Quinolones] Levofloxacin Use in Past Year - All Ages	New (from HDC)
[Quinolones] Moxifloxacin Use in Past Year - All Ages	New (from HDC)
[Sulphonamides] Sulfamethoxazole and Trimethoprim Use in Past Year - All Ages	New (from HDC)
[Tetracyclines] Doxycycline Use in Past Year - All Ages	New (from HDC)
[Tetracyclines] Minocycline Use in Past Year - All Ages	New (from HDC)
[Tetracyclines] Tetracycline Use in Past Year - All Ages	New (from HDC)
Diabetics with Last HbA1c < 7.1%	New (from HDC)
Diabetics with Last HbA1c 7.1-8.0%	New (from HDC)
Diabetics with Last HbA1c 8.1-9.0%	New (from HDC)
Diabetics with Last HbA1c > 9.0%	New (from HDC)
Alcohol Dependence Syndrome Prevalence	New (from HDC)
Anxiety & Mild Depression Prevalence	New (from HDC)
Dementia - Cognitive Impairment Prevalence	New (from HDC)
Drug Dependence Syndrome Prevalence	New (from HDC)
Osteoarthritis Prevalence	New (from HDC)
Palliative/End of Life Prevalence	New (from HDC)

Ischemic Cerebrovascular Disease Prevalence	New (from HDC)
Number of Prescriptions Per Encounter	New (from HDC)
Patients Missing Gender	New (from HDC)
Patients with Invalid Date of Birth	New (from HDC)
Patients with No Current Medications	New (from HDC)
Patients with No Date of Birth	New (from HDC)
Ratio of Coded Prescriptions for Active Patients	New (from HDC)
Hypertension and Blood Pressure Documented	New (from HDC)
INR Monitoring	New (from HDC)
Antibiotics Use in Past Year-All Ages	New (from HDC)
Antidepressant Use-All Ages	New (from HDC)
Antipsychotic Use-All Ages	New (from HDC)
Benzodiazepine Medication Use-All Ages	New (from HDC)
Digoxin Medication Use-All Ages	New (from HDC)
NSAID Medication Use-All Ages	New (from HDC)
Antidepressant Use-Age 65+	New (from HDC)
Antipsychotic Use-Age 65+	New (from HDC)
Benzodiazepine and Opioid Medication Use-Age 65+	New (from HDC)
Benzodiazepine Medication Use-Age 65+	New (from HDC)
NSAID Medication Use-Age 65+	New (from HDC)
Angiotensin 2 Antagonist Use-Age 65+	New (from HDC)
Angiotensin Converting Enzyme (ACE) Inhibitor Use-Age 65+	New (from HDC)
Beta-Blocker Use-Age 65+	New (from HDC)

Digoxin Medication (Assessing Safe Use)-Age 65+	New (from HDC)
Dihydropyridine Calcium Channel Blocker Use-Age 65+	New (from HDC)
Opioid Use-Age 65+	New (from HDC)
Proton Pump Inhibitor (PPI) Use-Age 65+	New (from HDC)
Thiazide Use-Age 65+	New (from HDC)
Thyroid Hormone Use-Age 65+	New (from HDC)
Benzodiazepine and Opioid Medication Use-All Ages	New (from HDC)
Codeine,combinations excl. psycholeptics Use - All Ages	New (from HDC)
Codeine,combinations with psycholeptics Use - All Ages	New (from HDC)
Dihydrocodeine,combinations Use - All Ages	New (from HDC)
Dihydrocodeine Use - All Ages	New (from HDC)
Fentanyl Use - All Ages	New (from HDC)
Hydromorphone Use - All Ages	New (from HDC)
Methadone combinations excl.psycholeptics Use - All Ages	New (from HDC)
Morphine, combinations Use - All Ages	New (from HDC)
Morphine Use - All Ages	New (from HDC)
Other Opioid Use - All Ages	New (from HDC)
Oxycodone, combinations Use - All Ages	New (from HDC)
Tramadol, combinations Use - All Ages	New (from HDC)
Tramadol Use - All Ages	New (from HDC)



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Resolved Issues/Bugs.

N of 5 behaviour. We resolved an issue where some aggregate totals were being displayed even though there were less than 5 data sources contributing to the aggregate.