

DATA FILTERING

Overview

Data filtering enables the creation of graphs and reports based on a specific set of criteria. For example if you wish to display a benchmark report the only includes data for; Females older than 40 with Diabetes, this may be done simply by use of data filters.

 PAT CAT provides access to de-identified aggregated data coming from CAT4 - to avoid duplication this guide does not provide in depth details of the filters as they are described in the CAT4 user guides. Please see here for full details on our filter options: [Data Filtering Details in CAT4](#)

Due to the nature of aggregating data from different sources not all measurements and filter criteria are available from all clinical systems. To allow reporting for those practices who are providing fully compatible data, we will exclude practices with missing data when using a filter/report including a missing data item. The number of practices included is displayed on the top right of the filter panel and is updated when a new filter is added:

No filter applied:

General	Practices	Ethnicity	Conditions	Medications	Results	Patient Status	Health Care Homes	Risk Factors	Saved Filters
13 / 13 Practices Included									
Gender <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Other	DVA <input type="checkbox"/> DVA <input type="checkbox"/> Non DVA	Age Start Age <input type="text"/> End Age <input type="text"/> <input checked="" type="radio"/> Yrs <input type="radio"/> Mths <input type="checkbox"/> No Age	Last Visit <input checked="" type="radio"/> Any <input type="radio"/> None <input type="radio"/> <6 mths <input type="radio"/> <12 mths <input type="radio"/> <15 mths <input type="radio"/> <24 mths <input type="radio"/> <30 mths <input type="checkbox"/> Date Range <input type="text"/> to <input type="text"/>	Activity <input type="checkbox"/> Active (3x in 2yrs) <input type="checkbox"/> Not Active					
<button>Clear General</button>									

Filter applied where not all practices are providing that data item:

General	Practices	Ethnicity	Conditions	Medications	Results	Patient Status	Health Care Homes	Risk Factors	Saved Filters
7 / 13 Practices Included									
Medications - Heart Medications - Respiratory Medications - Other									
Antihistaminic <input type="checkbox"/> Yes <input type="checkbox"/> No		Steroids <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Relievers <input type="checkbox"/> No <input type="checkbox"/> Symptom Controllers <input type="checkbox"/> No <input type="checkbox"/> Preventers <input type="checkbox"/> No <input type="checkbox"/> Combination <input type="checkbox"/> No		COPD <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Management - Tiotropium (LAMA) <input type="checkbox"/> No <input type="checkbox"/> Management - Other (LAMA) <input type="checkbox"/> No <input checked="" type="checkbox"/> Symptom Controllers (LABA) <input type="checkbox"/> No <input type="checkbox"/> Combination (LAMA/LABA) <input type="checkbox"/> No <input type="checkbox"/> COPD or Relievers		Long Acting <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> LABA <input type="checkbox"/> No <input type="checkbox"/> LAMA <input type="checkbox"/> No			
<button>Clear Medications</button>									

 Please make sure that you check your reports for any missing practices to avoid inconsistencies with reporting. While we are aiming to provide the full data set from all clinical systems, we can't extract data if the indicator is not available in the clinical system in the first place.

 View Report

After applying a filter that excludes a number of practices, these practices will be displayed in the  with a dash in the fields to indicate that their data is not included:

Blood Pressure							
Show / Hide Columns		There are hidden columns					
Measure		PHN-Test-3.3-A	PHN-Test-3.3-A %	Adjusted	Adjusted %	Matthias QA Clinic	Matthias QA Clinic %
Total Population	4		7	-	-	4	
<= 130/80	1	25.00 %	0	0.00 %	-	-	1
> 140/90	0	0.00 %	2	28.57 %	-	-	0
No BP Recorded	3	75.00 %	5	71.43 %	-	-	3
Incomplete Data	0	0.00 %	0	0.00 %	-	-	0
> 130/80 and <= 140/90	0	0.00 %	0	0.00 %	-	-	0
Recorded	1	25.00 %	2	28.57 %			1

Data may be filtered based on a combination of the following criteria:

- General

The General tab allows filtering based on; Gender, Department of Veterans Affairs (DVA) status, Age, When the patient last visited a practices, and whether a patient is considered Active in the system or not.

- Practices

The Practices tab allows filtering based on which practice the data within an extract originated from.

NOTE: This filter is only available if you are logged on as a PHN or other organisation.

- Ethnicity

The Ethnicity tab allows filtering based on Indigenous status, including both Aboriginal and Torres Strait Islander status.

- Conditions

The Conditions tab allows filtering on a wide range of medical conditions, these broken down into Chronic, Mental Health and Other. Please refer to section 7.7 for more detail.

- Medications

The Medications tab allows filtering based on Heart, Respiratory and Other medication types. A wide range of medications are included under each type. Please see section 7.8 for more detail.

- Results

The Results tab allows filtering based on when a result was recorded.

To filter the data, simply select the criteria you wish to view, multiple selections may be made from within a single tab or across multiple tabs. Selections are generally made by ticking selection boxes, however some filters are based on entering information such as a date range. The criteria on which you are filtering is displayed at the top of the Results panel, this display remains even if the Filter panel is hidden.

Any change to the filters will cause the 'Recalculate' button to turn red, indicating that it needs to be clicked to apply the filter.

Click Recalculate.

This will update to Results panel to look at only patients that match all the conditions ticked.

- Patient Status

The patient status filter allows users to filter for patients by their archived/deceased status and some other filter criteria only available for Communicare users

- Health Care Homes

The Health Care Homes filter tab provides filters to find patients flagged as enrolled into the Health Care Homes trial as well as specifics on their tier level

Example for a filter:

General	Practices	Ethnicity	Conditions	Medications	Results	Saved Filters	December 2013
Gender <input type="checkbox"/> Male <input checked="" type="checkbox"/> Female <input type="checkbox"/> Other	DVA <input type="checkbox"/> DVA <input type="checkbox"/> Non DVA	Age Start Age <input type="text"/> End Age <input type="text"/> <input checked="" type="radio"/> Yrs <input type="radio"/> Mths <input type="checkbox"/> No Age	Last Visit <input checked="" type="radio"/> Any <input type="radio"/> None <input type="radio"/> <15 mths <input type="radio"/> <6 mths <input type="radio"/> <30 mths <input type="radio"/> <24 mths <input type="radio"/> Date Range <input type="text"/> 31 to <input type="text"/> 31	Activity <input type="checkbox"/> Active (3x in 2yrs) <input type="checkbox"/> Not Active	Transient <input type="checkbox"/> Unique Patients <input type="checkbox"/> Duplicate Patients		
							
 Filtering By: Females, Conditions: (Asthma - YES)							

NOTE: 'Filtering By' displays the criteria selected i.e. Females, Conditions: (Asthma - YES)

Detailed examples for each of the filter types are provided in the following sections.

- Changing Filters
- Clearing Filters
- General Filter Tab
- Practices Filtering
- Ethnicity Filtering
- Conditions Filtering
- Medications Filtering
- Date Range Results Filtering
- Saving Filters
- Patient Status Filter
- Health Care Homes Filter
- Risk Factor Filtering
- Date Range Visits Filtering