

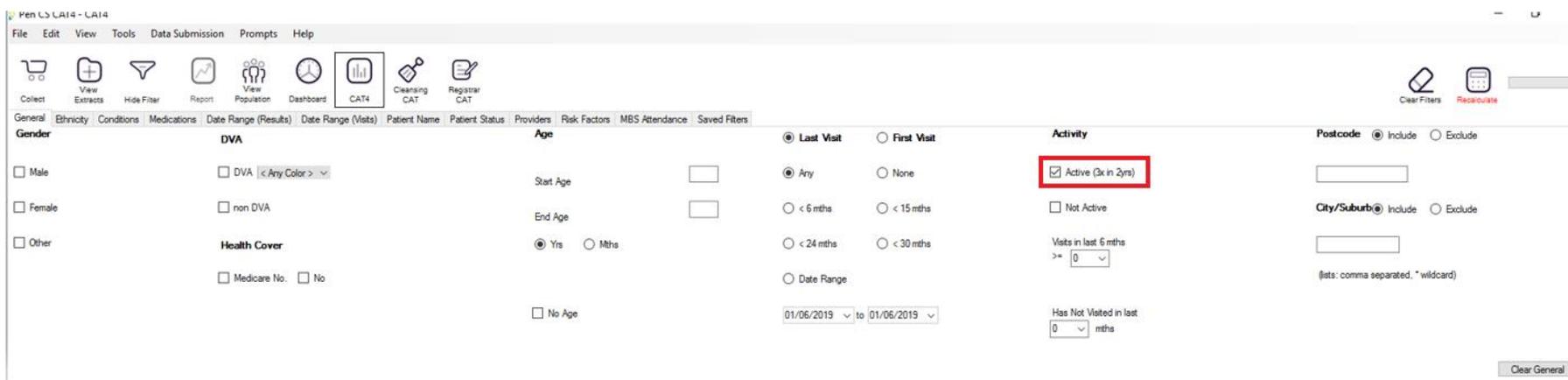
# CAT4 Cross Tabulation Guide – Cardiovascular (CVD) patients with last visit 6-12 months and missing/overdue influenza and CDM review not recorded in past 12 months.

Select most recent data extract utilising the 'view extract' button - <https://help.pencs.com.au/display/CG/Navigating+CAT4>

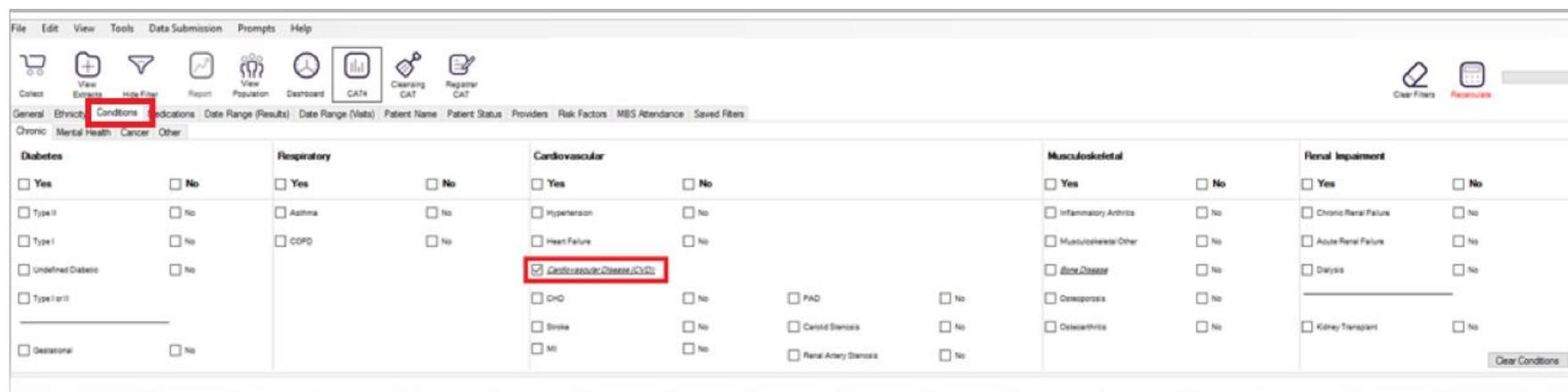
If data extract > 1 month old, consider collecting a new data set to obtain up to date information - <https://help.pencs.com.au/display/CG/COLLECTING+DATA+SETS>

## Step 1 – Define your population

NB: Using the active patient filter will help narrow down current practice patients as it will only include patients who have attended the practice three or more times in the past 2 years.



In the Filters section, under the conditions tab, select Cardiovascular Disease (CVD) - 'Yes'



Under the Date Range (results) tab, select <=12 months

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Collect View Extras Hide Filter Report View Population Dashboard CAT4 Cleansing CAT Register CAT

General Ethnicity Conditions Medications **Date Range (Results)** Date Range (Visits) Patient Name Patient Status Providers Risk Factors MBS Attendance Saved Filters

**Date Range for Last Recorded Result or Event**

The date range selected will filter out results or events that are not within the selected period and treat them as not recorded. This filter is not applicable to graphs that display time periods.

All  <= 6 mths  <= 12 mths  <= 15 mths  <= 24 mths

Date Range (from - to)

01/06/2019 01/06/2019

Use for:  
Measurements  
Pathology  
MBS items  
Maternal Health (both date/weight)  
Visit Types  
Digital Health (SHS/ES uploads)  
Smoking/Alcohol  
Influenza  
Cervical Screenings

Clear Filters Recalculate

Clear Results

In the top right corner click 'Recalculate'

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Cervical Screenings

Clear Filters Recalculate

Clear Results

## Step 2 – Identify your measures

In the Reports section, click on the Visits tab and click on the 6-12 months

Pen CS CAT4 - CAT4

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General Ethnicity Conditions Medications Date Range (Results) Date Range (Visits) Patient Name Patient Status Providers Risk Factors MBS Attendance Saved Filters

Chronic Mental Health Cancer Other

Diabetes		Respiratory		Cardiovascular				Musculoskeletal		Renal Impairment	
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Type II	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Asthma	<input type="checkbox"/> No	<input type="checkbox"/> Hypertension	<input type="checkbox"/> No	<input type="checkbox"/> Inflammatory Arthritis	<input type="checkbox"/> No	<input type="checkbox"/> Chronic Renal Failure	<input type="checkbox"/> No	<input type="checkbox"/> Chronic Renal Failure	<input type="checkbox"/> No
<input type="checkbox"/> Type I	<input type="checkbox"/> No	<input type="checkbox"/> COPD	<input type="checkbox"/> No	<input type="checkbox"/> Heart Failure	<input type="checkbox"/> No	<input type="checkbox"/> Musculoskeletal Other	<input type="checkbox"/> No	<input type="checkbox"/> Acute Renal Failure	<input type="checkbox"/> No	<input type="checkbox"/> Acute Renal Failure	<input type="checkbox"/> No
<input type="checkbox"/> Unifocal Diabetes	<input type="checkbox"/> No			<input type="checkbox"/> Cardiovascular Disease (CVD)		<input type="checkbox"/> Arterial Disease	<input type="checkbox"/> No	<input type="checkbox"/> Dialysis	<input type="checkbox"/> No	<input type="checkbox"/> Dialysis	<input type="checkbox"/> No
<input type="checkbox"/> Type I or II				<input type="checkbox"/> CHD	<input type="checkbox"/> No	<input type="checkbox"/> PAD	<input type="checkbox"/> No	<input type="checkbox"/> Kidney Transplant	<input type="checkbox"/> No	<input type="checkbox"/> Kidney Transplant	<input type="checkbox"/> No
<input type="checkbox"/> Gestational	<input type="checkbox"/> No			<input type="checkbox"/> Stroke	<input type="checkbox"/> No	<input type="checkbox"/> Carotid Stenosis	<input type="checkbox"/> No				
				<input type="checkbox"/> MI	<input type="checkbox"/> No	<input type="checkbox"/> Renal Artery Stenosis	<input type="checkbox"/> No				

Clear Conditions

Please select your GP Application from the Preferences; Extract Date: 01/05/2019 3:14 AM; Filtering By: Active Patient, Conditions (CVD - Yes), Last Results <= 12 mths, Selected: Last Visit (5-<12mths)

Demographics Ethnicity Data Quality Data Cleaning Allergies Smoking Alcohol Measures Pathology Disease Screening Co-morbidities Medications Diabetes SIP Items CKD Musculoskeletal CV Event Risk CHA2DS2-VASc Score Immunisations Standard Reports MBS Items MBS Eligibility Sexual Health Viral Hepatitis Maternal Health Care **Visits**

**Last Visit** Visits Last Week (New Patients) Assigned Provider Visit Types Episode Count Contacts by OSR Worker Type Age Gender Visit Count Disease Visit Count

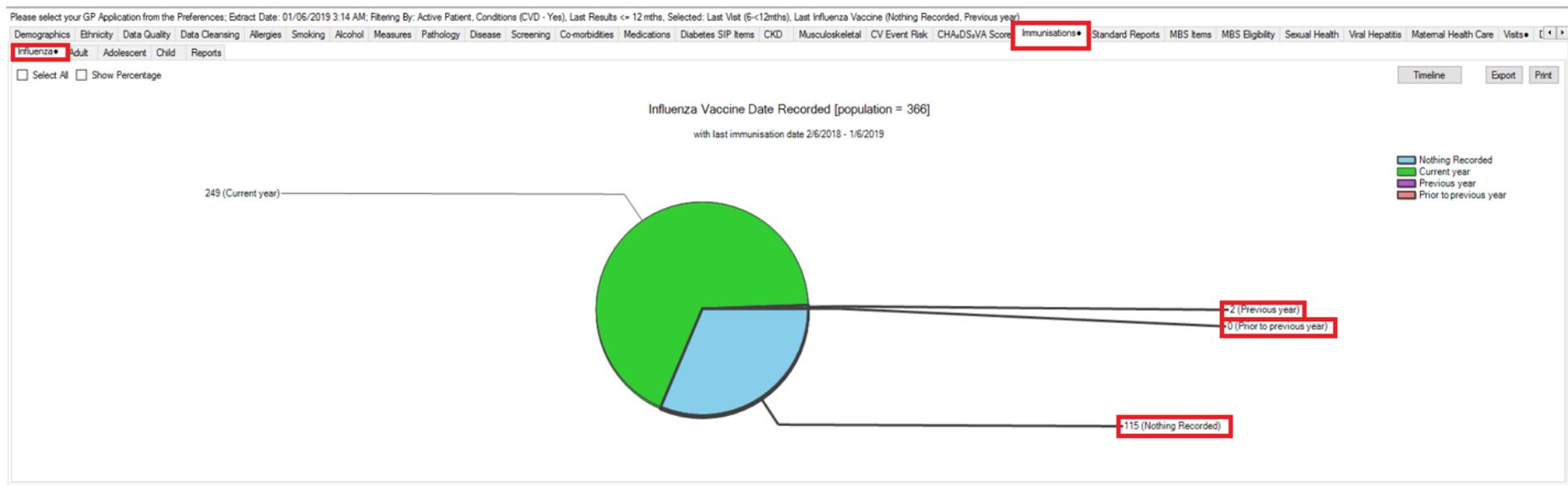
Select All  Show Percentage

Timeline Export Print

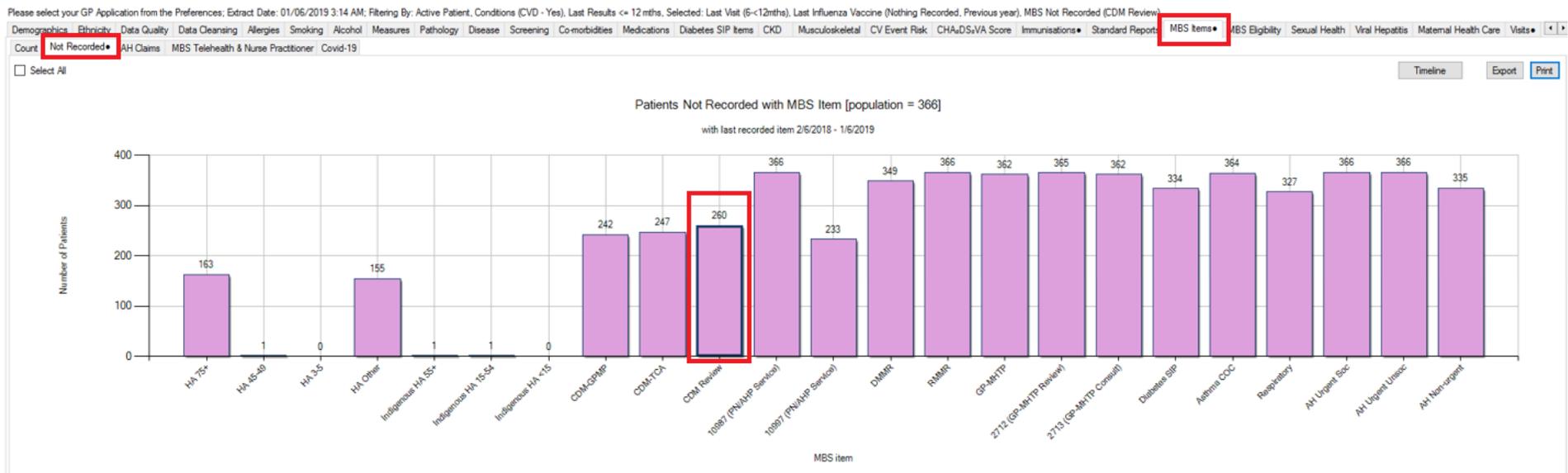
Last Visit Date [population = 366]

Category	Count
< 6mths	348
5-12mths	8
12-15mths	3
15-24mths	7
24-30mths	0
>=36mths	0
Nothing Recorded	0
30-36mths	0

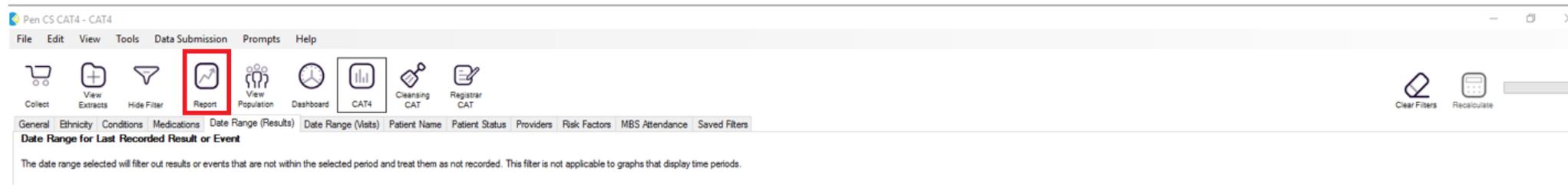
Click on the Immunisations tab and select Nothing Recorded, Previous year and Prior to previous year



Click on the MBS items tab and then click on the not recorded tab. Select CDM review.



Click on the Report tab located near the top of the screen



A patient list report will open showing all Cardiovascular Disease (CVD) patients with a last visit 6-12months, Influenza missing/overdue and CDM review not recorded in past 12 months.

ID	Surname	First Name	Known As	Sex	D.O.B (Age)	Address	City	Postcode	Phone (H/W)	Phone (M)	Last Visit	Last Influenza Vaccine
2140	Surname	Firstname_1079	Firstname_1079	F	01/06/1946 (79)	12 John St	Suburb Town	3260	H:07 50505050 W:07 50509999	1234999999	30/07/2018	Not Rec
1751	Surname	Firstname_1431	Firstname_1431	M	01/06/1940 (79)	12 Jogger St	Suburb Town	4396	H:07 50505050 W:07 50509999	1234999999	01/11/2018	Not Rec
32	Surname	Firstname_2616	Firstname_2616	F	01/06/1933 (86)	12 John St	Suburb Town	4380	H:07 50505050 W:07 50509999	1234999999	16/10/2018	Not Rec
128	Surname	Firstname_3040	Firstname_3040	M	01/06/1933 (86)	12 Jogger St	Suburb Town	3096	H:07 50505050 W:07 50509999	1234999999	10/09/2018	03/0 Fluz High Dos AA
7689	Surname	Firstname_4667	Firstname_4667	F	01/06/1975 (44)	12 John St	Suburb Town	2364	H:07 50505050 W:07 50509999	1234999999	22/11/2018	Not Rec
8091	Surname	Firstname_6504	Firstname_6504	F	01/06/1941 (78)	12 John St	Suburb Town	3039	H:07 50505050 W:07 50509999	1234999999	12/08/2018	01/0 Influenza

**Suggestion – your patient list should ideally have between 50-100 patients. If your patient list has a higher number, consider proceeding to step 3**

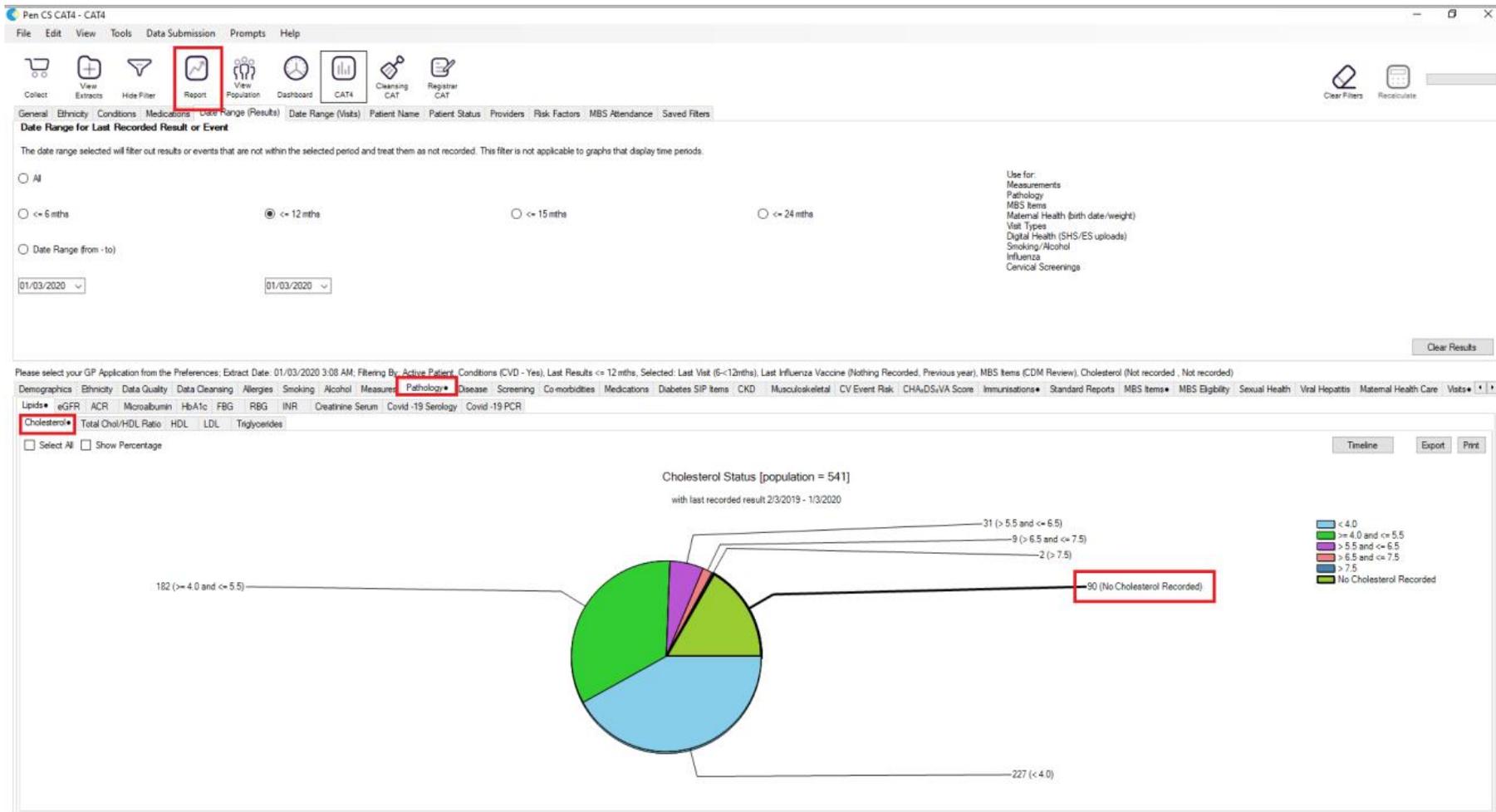
*“Building one world class health system for the Gold Coast.” June 2020*

**Step 3 (optional) – To further narrow down your patient list please include one of the following options:**

NB: A total of 5 items only can be used in a cross-tabulation report

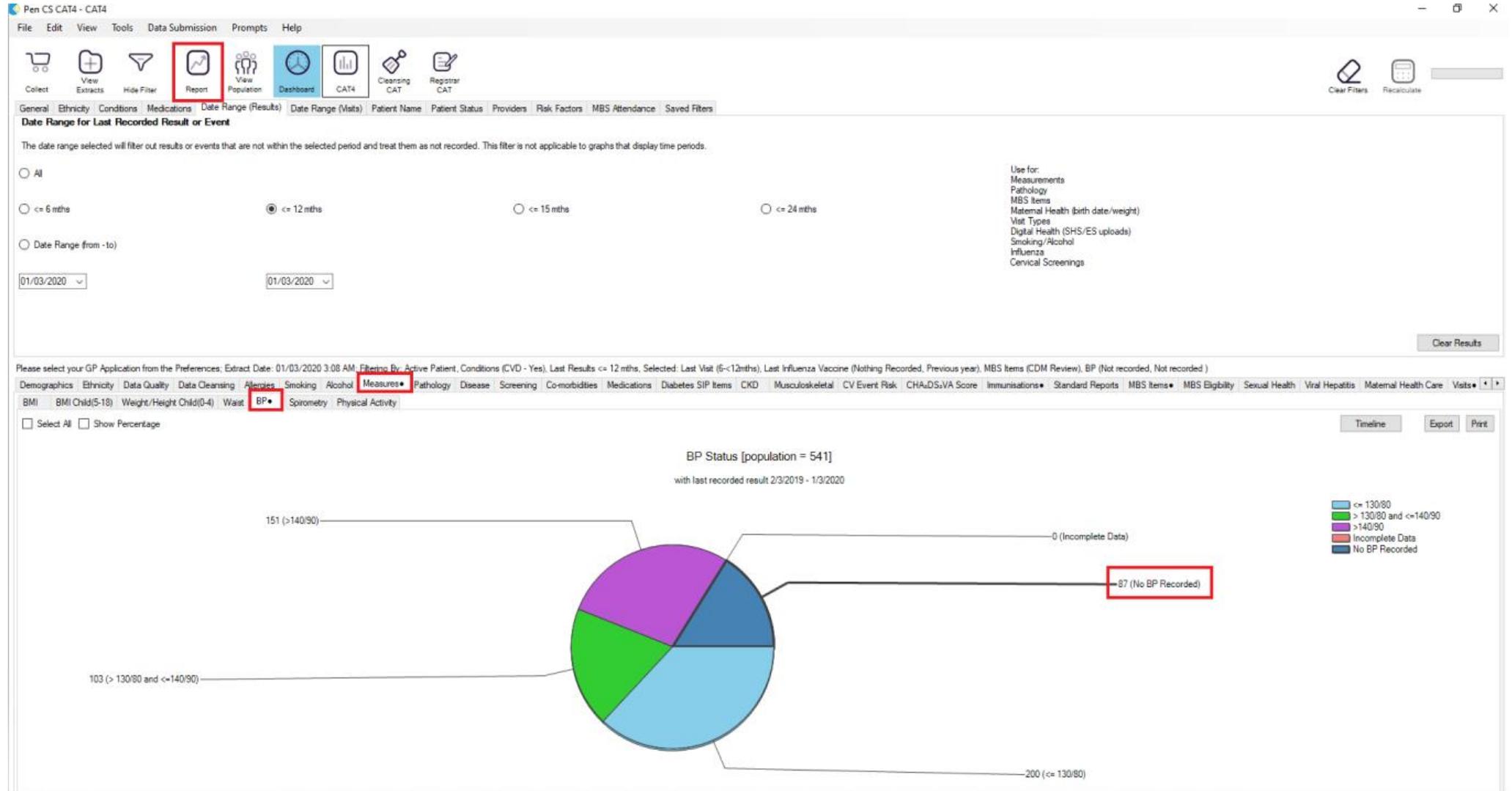
Option 1: No cholesterol recorded

- In the report screen click on Pathology > Cholesterol and select 'no cholesterol recorded'. **Click the report tab to generate patient list.**



## Option 2: No BP recorded

- In the report screen click on Measures > BP and select 'no BP recorded'. **Click the report tab to generate patient list.**



### Option 3: Smoking status not recorded

- In the report screen click on Smoking > Status and select 'nothing recorded'. Click the report tab to generate patient list.

The screenshot shows the Pen CS CAT4 - CAT4 software interface. The 'Report' icon in the top toolbar is highlighted with a red box. Below the toolbar, the 'Date Range for Last Recorded Result or Event' section is visible, with the '12 mths' radio button selected. The 'Smoking' menu item in the top navigation bar is also highlighted with a red box. The main content area displays a pie chart titled 'Smoking Status [population = 541]' with the subtitle 'with last review date 2/3/2019 - 1/3/2020'. The pie chart is divided into six segments: 'Nothing Recorded' (253, highlighted with a red box), 'Never Smoked' (177), 'Ex Smoker' (96), 'Daily Smoker' (15), 'Irregular Smoker' (0), and 'Age<10 and Nothing Recorded' (0). A legend on the right side of the chart identifies the colors for each category.

Smoking Status	Count
Nothing Recorded	253
Never Smoked	177
Ex Smoker	96
Daily Smoker	15
Irregular Smoker	0
Age<10 and Nothing Recorded	0

## Option 4: Current smoker

- In the report screen click on Smoking > Status and select 'Daily Smoker'. **Click the report tab to generate patient list.**

The screenshot displays the Pen CS CAT4 - CAT4 software interface. The 'Report' tab is selected, and the 'Smoking' filter is active. The main content area shows a pie chart titled 'Smoking Status [population = 541]' with the subtitle 'with last review date 2/3/2019 - 1/3/2020'. The pie chart is divided into six segments, each representing a different smoking status. The segments are: 177 (Never Smoked), 96 (Ex Smoker), 253 (Nothing Recorded), 15 (Daily Smoker), 0 (Irregular Smoker), and 0 (Age < 10 and Nothing Recorded). The 'Daily Smoker' segment is highlighted with a red box. A legend on the right side of the chart identifies the colors for each status: Daily Smoker (blue), Irregular Smoker (green), Ex Smoker (purple), Never Smoked (red), Nothing Recorded (dark blue), and Age < 10 and Nothing Recorded (light green).

Smoking Status	Count
Daily Smoker	15
Irregular Smoker	0
Ex Smoker	96
Never Smoked	177
Nothing Recorded	253
Age < 10 and Nothing Recorded	0