

# SQL: BMI and ZCode for All Active Patients

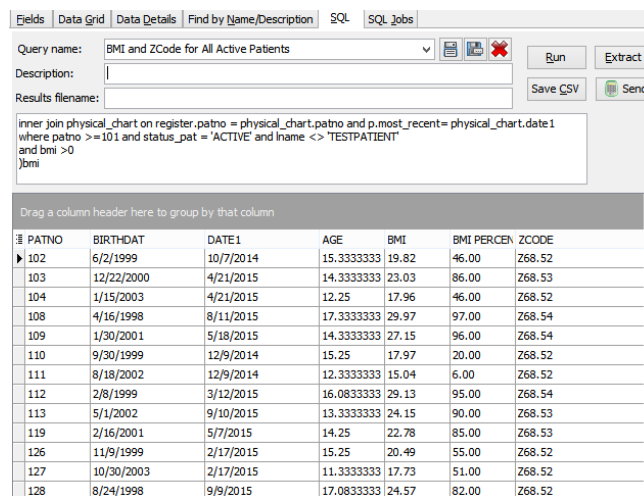
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**i** There are **two versions** of this SQL: Firebird and MySQL. **The MySQL version only applies to clients who have migrated to MySQL.** All other Practices should continue to use the Firebird version of this code. Click to expand and copy the code you need. If you are unsure which code to use, please check with your Practice Administrator.

## About

This report shows all active patients who have ever had a BMI computed. It lists the most recent date of BMI computation, age at computation, BMI, BMI percentile (for under 18 years old), and appropriate ICD-10 Z code for that BMI.

A sample image of this SQL report run in the Database Viewer is shown below:



The screenshot shows a Database Viewer interface with a query named "BMI and ZCode for All Active Patients". The query is displayed in a text area, and the results are shown in a table below. The table has columns for PATNO, BIRTHDAT, DATE1, AGE, BMI, BMI PERCENT, and ZCODE. The results are sorted by BMI PERCENT in descending order.

PATNO	BIRTHDAT	DATE1	AGE	BMI	BMI PERCENT	ZCODE
102	6/2/1999	10/7/2014	15.3333333	19.82	46.00	Z68.52
103	12/22/2000	4/21/2015	14.3333333	23.03	86.00	Z68.53
104	1/15/2003	4/21/2015	12.25	17.96	46.00	Z68.52
108	4/16/1998	8/11/2015	17.3333333	29.97	97.00	Z68.54
109	1/30/2001	5/18/2015	14.3333333	27.15	96.00	Z68.54
110	9/30/1999	12/9/2014	15.25	17.97	20.00	Z68.52
111	8/18/2002	12/9/2014	12.3333333	15.04	6.00	Z68.52
112	2/8/1999	3/12/2015	16.0833333	29.13	95.00	Z68.54
113	5/1/2002	9/10/2015	13.3333333	24.15	90.00	Z68.53
119	2/16/2001	5/7/2015	14.25	22.78	85.00	Z68.53
126	11/9/1999	2/17/2015	15.25	20.49	55.00	Z68.52
127	10/30/2003	2/17/2015	11.3333333	17.73	51.00	Z68.52
128	8/24/1998	9/9/2015	17.0833333	24.57	82.00	Z68.52

## Report Usage Ideas

This can be helpful for looking at practice metrics regarding obesity or for more specific patient recall. To look at specific groups/thresholds, click the **BMI\_PERCENT** header, then **Custom**, then enter "is greater than or equal to" in the top left box and a number (for example 85) in the top right box. The bottom 2 boxes can be left blank.

This list can be used for patient recall using Patient Message Exchange, or the count in the bottom left can be used as the numerator for calculating practice overweight/obesity numbers.

## Caveats

- Age is the patient's age when the BMI was last computed, not the current age.
- Patients who have never had a BMI computed do not appear in the report.

**+** [SQL Code: Firebird](#)

**+** [SQL Code: MySQL](#)