

Generating Growth Charts in the Body Mass Index Growth Module

Growth charts consist of percentile curves that show the distribution of selected body measurements of children in the United States. The growth charts available in the Body Mass Index (BMI) Growth Module in the Michigan Care Improvement Registry (MCIR) are from United States' Centers for Disease Control and Prevention (CDC). The BMI growth charts for boys and girls help track the weight risks including obesity and overweight in children and adolescents.

To generate the growth charts in the BMI Growth Module,

- Log in to the Michigan Care Improvement Registry (MCIR) using the **Single Sign On** portal and acknowledge the data confidentiality agreement.
- Find the patient using **add/find** link or by using the roster link on the main page. The patient's names are displayed as links.
- Click on the patient's name to access the MCIR- General Information screen. This screen has tabs in the bottom half of the screen.
- The BMI/Growth tab is one of the tabs on the general information screen.
- Click on the BMI/Growth tab.
- A **small colored square** on the tab shows the most recent BMI range of the patient. Using the computer mouse position the cursor over the colored square and information about the height, weight, BMI percentile and date of measurement is shown.
- On the BMI/Growth screen, there is a field with dropdown for charts. Clicking on the dropdown displays the list of charts available for that child.
- Select a growth chart from the list and click on '**Get Chart**'.
- The selected growth chart with the data plotted for the patient will be displayed.
- The header of the growth chart lists pertinent details; such as, Patient Name, Date of Birth, Date of last measurement, Height / Height Percentile, Weight / Weight Percentile, BMI Value / BMI Percentile, BMI Percentile Category.

This tool helps providers evaluate the growth of children and make recommendations to patients and caregivers.

Reference

www.cdc.gov

