

## Test Scenario Data for §170.314(a)(4) Vital signs, body mass index, and growth charts

*Reference the Test Scenario Procedure for Test Scenario Data implementation guidance.*

### Test Data for Vital Signs

*Blood pressure may be entered as a single value into one blood pressure field or as two separate values – systolic and diastolic – each entered into its own part of a two-part blood pressure field*

#### TD170.314(a)(4)(i) – 1: Electronically Record Patient Vital Signs

##### Vital Signs Test Data – Myra Jones

**Height/Length:** 5 ft 5 in OR 65 in OR 1.65 m OR 165 cm  
**Weight:** 189 lbs OR 189 lbs 5 oz OR 86 kg OR 85,729 gm  
**Blood pressure:** 132/86

##### Vital Signs Test Data – Isabella Jones

**Height/Length:** 5 ft 6 in OR 66 in OR 1.68 m OR 168 cm  
**Weight:** 139 lbs OR 139 lbs 2 oz OR 63 kg OR 63,049 gm  
**Blood pressure:** 128/80

#### TD170.314(a)(4)(i) – 2: Electronically Change Patient Vital Signs

##### Vital Signs Test Data – Isabella Jones

Height/length was **changed** from  
5 ft 5 in OR 65 in OR 1.65 m OR 165 cm to  
**5 ft 9 in OR 69 in OR 1.75 m OR 175 cm**

Weight was **changed** from  
189 lbs OR 189 lbs 5 oz OR 86 kg OR 85,729 gm to  
**194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm**

Blood pressure was **changed** from  
132/86 to  
**145/88**

##### Revised Vital Signs Data – Myra Jones

**Height/Length:** 5 ft 9 in OR 69 in OR 1.75 m OR 175 cm  
**Weight:** 194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm  
**Blood pressure:** 145/88

Vital Signs Test Data – Myra Jones

Height/length was **changed** from

5 ft 6 in OR 66 in OR 1.68 m OR 168 cm to  
**5 ft 9 in OR 69 in OR 1.75 m OR 175 cm**

Weight was **changed** from

139 lbs OR 139 lbs 2 oz OR 63 kg OR 63,049 gm to  
**194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm**

Blood pressure was **changed** from

128/80 to  
**130/82**

Revised Vital Signs Data – Isabella Jones

**Height/Length:** 5 ft 9 in OR 69 in OR 1.75 m OR 175 cm  
**Weight:** 194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm  
**Blood pressure:** 130/82

**TD170.314(a)(4)(i) – 3: Electronically Access Patient Vital Signs**

Vital Signs Test Data – Myra Jones

**Height/Length:** 5 ft 9 in OR 69 in OR 1.75 m OR 175 cm  
**Weight:** 194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm  
**Blood pressure:** 145/88

Vital Signs Test Data – Isabella Jones

**Height/Length:** 5 ft 9 in OR 69 in OR 1.75 m OR 175 cm  
**Weight:** 194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm  
**Blood pressure:** 130/82

## Test Data for Body Mass Index (BMI)

*The CDC BMI Calculator used for this test data is available at:*

[http://www.cdc.gov/healthyweight/assessing/bmi/adult\\_bmi/english\\_bmi\\_calculator/bmi\\_calculator.html](http://www.cdc.gov/healthyweight/assessing/bmi/adult_bmi/english_bmi_calculator/bmi_calculator.html)

*Use of the CDC BMI Calculator is not required. It is recognized that other BMI calculators may have slightly different algorithms and the derived BMI may not be exactly the same as the test data below. It is the Tester's discretion to determine if the BMI value calculated during the test is comparable to the test data.*

### TD170.314(a)(4)(ii) – 1: Automatically Calculate and Electronically Display Body Mass Index

#### BMI Test Data – Myra Jones

**Height:** 5 ft 9 in OR 69 in OR 1.75 m OR 175 cm  
**Weight:** 194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm  
**Calculated BMI:** 28.6

#### BMI Test Data – Isabella Jones

**Height:** 5 ft 9 in OR 69 in OR 1.75 m OR 175 cm  
**Weight:** 194 lbs OR 194 lbs 3 oz OR 88 kg OR 87,997 gm  
**Calculated BMI:** 28.6

#### BMI Test Data – Set 3

**Height:** 5 ft 6 in OR 66 in OR 1.68 m OR 168 cm  
**Weight:** 136 lbs OR 136 lbs 3 oz OR 62 kg OR 61,689 gm  
**Calculated BMI:** 21.9

#### BMI Test Data – Set 4

**Height:** 6 ft 2 in OR 74 in OR 1.88 m OR 188 cm  
**Weight:** 204 lbs OR 204 lbs 5 oz OR 93 kg OR 92,533 gm  
**Calculated BMI:** 26.2

## Test Data for Growth Charts

### TD170.314(a)(4)(iii) – 1: Plot and Electronically Display Growth Charts

#### Growth Charts Test Data – Set 1

**Gender:** Male  
**Age:** 2 years old  
**Height:** 3 ft 1 in OR 37 in OR 0.94 m OR 94 cm  
**Weight:** 33 lbs OR 32 lbs 14 oz OR 15 kg OR 14,969 gm

#### Growth Charts Test Data – Set 2

**Gender:** Male  
**Age:** 12 years old  
**Height:** 5 ft 1 in OR 61 in OR 1.55 m OR 155 cm  
**Weight:** 99 lbs OR 98 lbs 11 oz OR 45 kg OR 44,906 gm

#### Growth Charts Test Data – Set 3

**Gender:** Female  
**Age:** 5 years old  
**Height:** 3 ft 4 in OR 40 in OR 1.02 m OR 102 cm  
**Weight:** 40 lbs OR 40 lbs 2 oz OR 18 kg OR 18,144 gm

#### Growth Charts Test Data – Set 4

**Gender:** Female  
**Age:** 14 years old  
**Height:** 5 ft 3 in OR 63 in OR 1.60 m OR 160 cm  
**Weight:** 110 lbs OR 110 lbs 1 oz OR 50 kg OR 49,895 gm

## Document History

Version Number	Description of Change	Date
1.0	Posted for Feedback	September 11, 2013