The Office of the National Coordinator for
Health Information Technology

2015 Edition §170.315(a)(5) Demographics

Testing Components:

Test Procedure Version 1.2 – Last Updated 8/2/16

Please consult the Final Rule entitled: *2015 Edition Health Information Technology (Health IT) Certification Criteria, 2015 Edition Base Electronic Health Record (EHR) Definition, and ONC Health IT Certification Program Modifications* for a detailed description of the certification criterion with which these testing steps are associated. We also encourage developers to consult the Certification Companion Guide in tandem with the test procedure as they provide clarifications that may be useful for product development and testing.

Note: The order in which the test steps are listed reflects the sequence of the certification criterion and does not necessarily prescribe the order in which the test should take place.

Required Tests

(a)(5)(i) Enable a user to record, change, and access patient demographic data including race, ethnicity, preferred language, sex, sexual orientation, gender identity, and date of birth.

(A) Race and ethnicity
(B) Preferred language
(C) Sex
(D) Sexual Orientation
(E) Gender identity

Standard(s): § 170.207(f)(2) CDC Race and Ethnicity Code Set Version 1.0 (March 2000) § 170.207(f)(1) The Office of Management and Budget Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity, Statistical Policy Directive No. 15, as revised, October 30, 1997

§ 170.207(g)(2) Request for Comments (RFC) 5646, "Tags for Identifying Languages," September 2009, copyright 2009

§ 170.207(n)(1) Birth sex must be coded in accordance with HL7 Version 3 Standard, Value Sets for AdminstrativeGender and NullFlavor attributed as follows [PDF - 59 KB]:

(i) Male. M
(ii) Female. F
(iii) Unknown. UNK

§ 170.207(o)(1)-(2) - HL7 Version 3 Standard, Value Sets for AdminstrativeGender and NullFlavor attributed as follows:

- Something else, please describe. nullFlavor OTHWeb Site Disclaimers
- Don't know. nullFlavor UNKWeb Site Disclaimers
- Choose not to disclose. nullFlavor ASKUWeb Site Disclaimers
- Additional gender category or other, please specify. nullFlavor OTHWeb Site Disclaimers
- Choose not to disclose. nullFlavor ASKUWeb Site Disclaimers

Criterion ¶	System Under Test	Test Lab Verification
(i)	1. The user records the patient's demographics data based on the following standards for elements A-F: (A) At least two Races and Ethnicities in accordance with the standard specified in §170.207(f)(2) and then aggregated to at least two of Races and Ethnicities in accordance with the standard specified in §170.207(f)(1). (B) Preferred language recorded in accordance with the standard specified in §170.207(g)(2). (C) Sex recorded in accordance with the standard specified in §170.207(n)(1). (D) Sexual Orientation in accordance with the standards specified in §170.207(o)(1) and §170.207(o)(2). (E) Gender identify recorded in accordance with the standards specified in §170.207(o)(1) and §170.207(o)(2). (F) Date of Birth. 2. The user records declination for the demographics data for elements A, B, D and E. 3. The user accesses the demographic data and changes the demographic data.	1. The tester verifies the patient's demographic data is recorded based on the following standards and declination for elements A, B, C, E and F: (A) At least two Races and Ethnicities are recorded in accordance with the standard specified in §170.207(f)(2) and then aggregated to at least two of Races and Ethnicities in accordance with §170.207(f)(1). (B) Preferred language is recorded in accordance with the standard specified in §170.207(g)(2). (C) Sex is recorded in accordance with the standard specified in §170.207(n)(1) (D) Sexual orientation is recorded in accordance with the standard codes specified in §170.207(o)(1) and §170.207(o)(2). (E) Gender identify is recorded in accordance with the standards specified in §170.207(o)(1) and §170.207(o)(2). (F) Date of Birth is recorded. 2. The tester verifies the user is able to record declination for the elements A, B, D and E. 3. The tester verifies the user is able to access and change the demographics data.

(ii) Inpatient setting only. Enable a user to record, change, and access the preliminary cause of death and date of death in the event of mortality.

Standard(s): None

Criterion ¶	System Under Test	Test Lab Verification
(ii)	1. The user records the preliminary cause of death and date of death. 2. The user accesses, and changes the preliminary cause of death and date of death.	1. The tester verifies the user can record preliminary cause of death and date of death. 2. The tester verifies the user is able to access and changes the preliminary cause of death and date of death.

Document History

Version Number	Description of Change	Date
1.0	Final Test Procedure	January 08, 2016
1.1	Updated the referenced standards and provided additional links.	April 08, 2016
1.2	Added reference to standard §170.207(f)(1) in step (i)1(A) and requirement that the SUT can record and aggregate a minimum of two races.	August 2, 2016

Dependencies: For all related and required criteria, please refer to the Master Table of Related and Required Criteria.