

SNOMED CT Observables

October 21, 2019



SNOMED CT observables



- Servings of food
- Energy intake
- Fluid intake



Use: To estimate intake of food servings in one day

Estimated fruit servings intake in 24 hours

Estimated vegetable servings intake in 24 hours

FDA: https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcf
r/CFRSearch.cfm?fr=101.12

EU Food Based Dietary Guidelines:

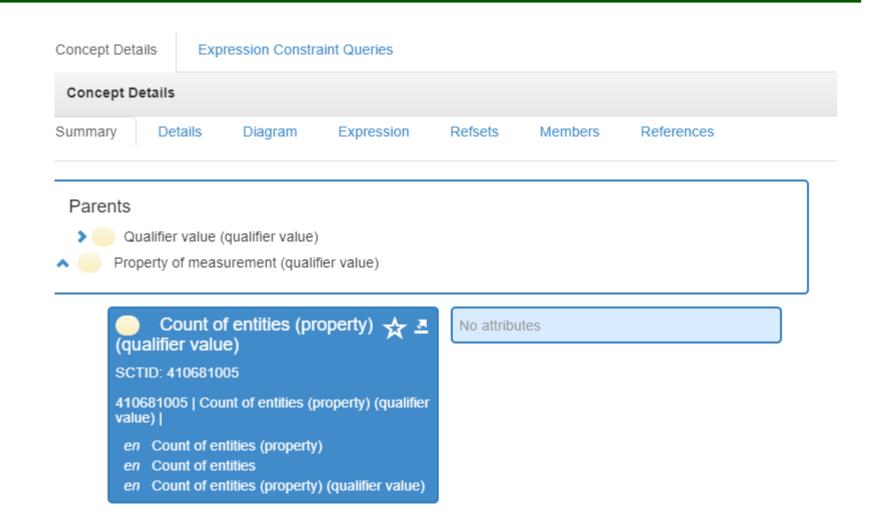
https://ec.europa.eu/jrc/en/health-knowledgegateway/promotion-prevention/nutrition/food-based-dietaryquidelines FRUIT
Young children
(1-3 years)
125 grams/serving

Adults
140 grams/serving
280 grams/serving
(watermelon)
40 grams/serving
dried fruit

Servings of food

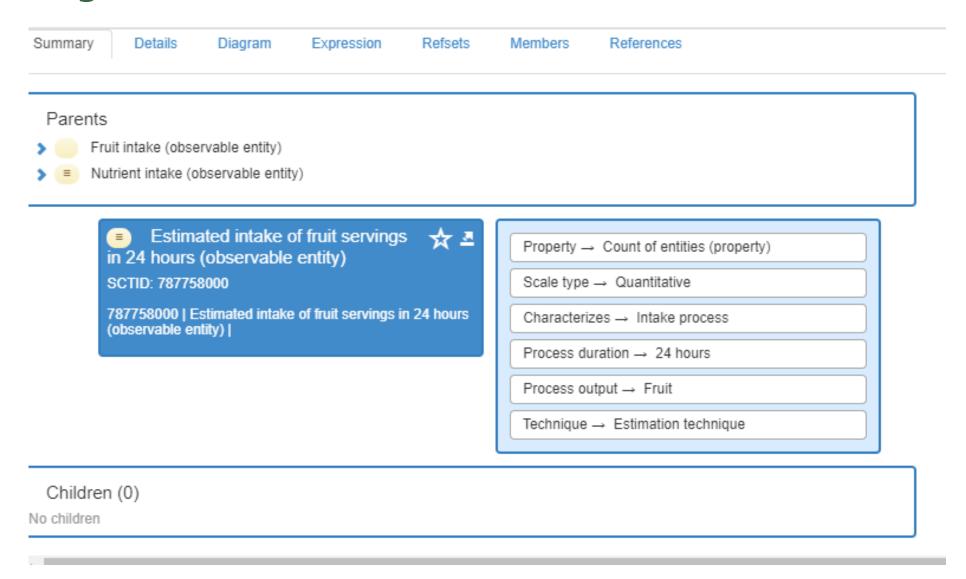


410681005 |Count of entities (property) (qualifier value)| suggested



Servings of food







Use: To estimate energy intake in one day

Estimated energy intake in 24 hours

Calorie

- SNOMED CT qualifier value of calorie (small c) which defined means the amount of heat it takes to raise 1 g water 1 degree Celsius
- Dietetics professionals use kilocalories (kcal) and kilojoules (kJ), thus energy is a more appropriate concept

Energy intake



LOINC CODE	LONG COMMON NAME	LOINC STATUS
75298-0	Calorie intake 24 hour Estimated	Active

FULLY-SPECIFIED NAME

Component	Calorie intake	
Property	EngRat	
Time	24H	
System	^Patient	
Scale	Qn	
Method	Estimated	

Additional Names

Short Name Calorie intake 24h Est

Term Description

The patient or client's total estimated amount of energy from caloric intake from all sources, (such as food, beverages, supplements, and via enteral and parenteral routes) for a 24 hour period. The estimated calorie intake is reported retrospectively by the patient or by the dietitian upon inspection of the patient's intake. Caloric intake can be reported in kilogram calorie or kilojoule units. The conversion factor is (1 kilojoule (kJ) = 0.239 kilogram calorie (kcal). This term was created for, but not limited in use to, the HL7 Implementation Guide for CDA Release 2: Consolidated CDA Templates for Clinical Notes (US Realm) Draft Standard for Trial Use Release 2.1.

Source: Regenstrief LOINC



Use: To estimate fluid intake in one day

Estimated fluid intake in 24 hours

Fluid

- 226465004 | Drinks (substance) |
- Fluid content of food
- Fluid content of enteral nutrition solution
- Fluid content of parenteral nutrition (TPN) solution
- 118431008 | Fluid for intravenous administration

Substance (substance)

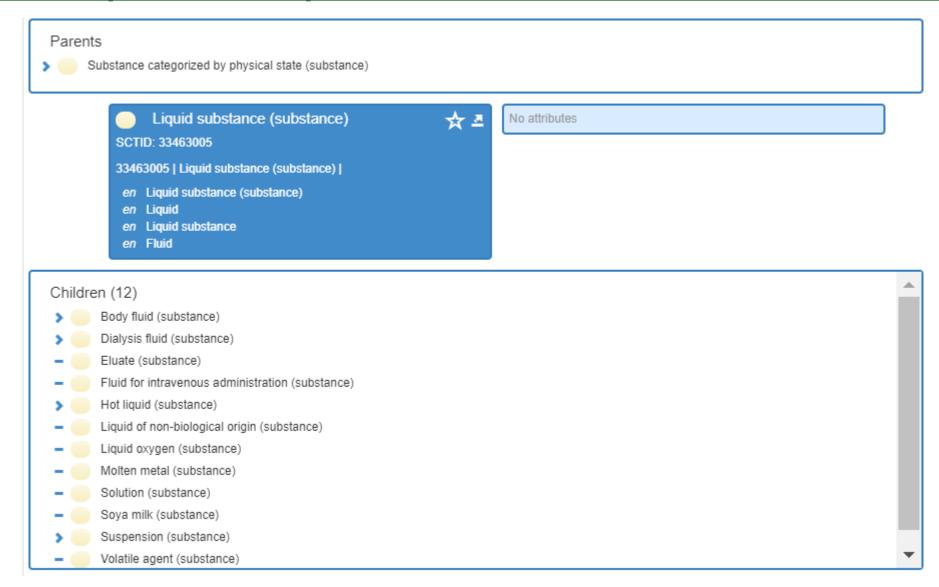


- Allergen class (substance)
- Biocide (substance)
- Biological substance (substance)
- Body substance (substance)
- Diagnostic substance (substance)
- Drug or medicament (substance)
- Edible substance (substance)
- Material (substance)
- Substance categorized by disposition (substance)
- Substance categorized by hazard characteristics (substance)

- Substance categorized by physical state (substance)
 - Aerosol (substance)
 - Dust (substance)
 - Gaseous substance (substance)
 - •Inert matter (substance)
 - Liquid substance (substance)
 - Natural form of water (substance)
 - Solid substance (substance)
 - Vapor (substance)
- Substance categorized by structure (substance)
- Substance categorized functionally (substance)



Fluid intake (observable)



Inadequate fluid intake (finding)



