

# Patient—insulin start date, YYYY

## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Element
<b>Short name:</b>	Year insulin started
<b>METEOR identifier:</b>	269928
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Standard 01/03/2005</li></ul>
<b>Definition:</b>	The year the patient started insulin injections.
<b>Context:</b>	Public health, health care and clinical settings.

## Data element concept attributes

### Identifying and definitional attributes

<b>Data element concept:</b>	<a href="#">Patient—insulin start date</a>
<b>METEOR identifier:</b>	269446
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Standard 01/03/2005</li></ul>
<b>Definition:</b>	The date the patient started insulin injections.
<b>Object class:</b>	<a href="#">Patient</a>
<b>Property:</b>	<a href="#">Insulin start date</a>

### Source and reference attributes

**Submitting organisation:** National Diabetes Data Working Group

## Value domain attributes

### Identifying and definitional attributes

<b>Value domain:</b>	<a href="#">Date YYYY</a>
<b>METEOR identifier:</b>	270604
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Australian Teacher Workforce Data Oversight Board</a>, Recorded 24/08/2022</li><li>• <a href="#">Community Services (retired)</a>, Standard 01/03/2005</li><li>• <a href="#">Disability</a>, Standard 13/08/2015</li><li>• <a href="#">Health</a>, Standard 01/03/2005</li><li>• <a href="#">Homelessness</a>, Standard 23/08/2010</li><li>• <a href="#">Housing assistance</a>, Standard 23/08/2010</li><li>• <a href="#">Tasmanian Health</a>, Standard 06/05/2021</li></ul>
<b>Definition:</b>	The calendar year, beginning on the 1st of January and ending on the 31st of December.

## Representational attributes

**Representation class:** Date  
**Data type:** Date/Time  
**Format:** YYYY  
**Maximum character length:** 4

## Data element attributes

## Collection and usage attributes

**Guide for use:** Record the year that insulin injections were started.  
This data element has to be completed for all patients who use insulin. It is used to cross check diabetes type assignment.

**Collection methods:** Ask the individual the year when he/ she started to use insulin. Alternatively obtain this information from appropriate documentation, if available.

## Source and reference attributes

**Submitting organisation:** National diabetes data working group  
**Origin:** National Diabetes Outcomes Quality Review Initiative (NDOQRIN) data dictionary

## Relational attributes

**Related metadata references:** Supersedes [Year insulin started, version 1, DE, NHDD, NHIMG, Superseded 01/03/2005.pdf](#) (15.1 KB) *No registration status*  
Has been superseded by [Patient—insulin start date, YYYY](#)

- [Health](#), Recorded 07/05/2018

**Implementation in Data Set Specifications:** [Diabetes \(clinical\) DSS](#)  
[Health](#), Superseded 21/09/2005

[Diabetes \(clinical\) NBPDS](#)  
[Health](#), Standard 21/09/2005

### ***DSS specific information:***

This data element provides information about the duration of diabetes in individual patients.

Insulin is a regulating hormone secreted into the blood in response to a rise in concentration of blood glucose or amino acids. It is a double-chain protein hormone formed from proinsulin in the beta cells of the pancreatic islets of Langerhans. Insulin promotes the storage of glucose and the uptake of amino acids, increases protein and lipid synthesis, and inhibits lipolysis and gluconeogenesis.

Commercially prepared insulin is available in various types, which differ in the speed they act and in the duration of their effectiveness.

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