Product of conception—gestational age, completed weeks N[N]

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Product of conception—gestational age, completed weeks N[N]

Identifying and definitional attributes

Metadata item type: Data Element
Short name: Gestational age

METEOR identifier: 298105

Registration status: Health, Superseded 02/08/2017

Tasmanian Health, Superseded 03/07/2020

Definition: The age of a product of conception in completed weeks.

Data element concept attributes

Identifying and definitional attributes

Data element concept: Product of conception—gestational age

METEOR identifier: 298108

Registration status: <u>Health</u>, Superseded 12/12/2018

Tasmanian Health, Superseded 03/07/2020

Definition: The age of a product of conception.

Context: Perinatal statistics

Object class: Product of conception

Property: Gestational age

Value domain attributes

Identifying and definitional attributes

Value domain: <u>Total weeks N[N]</u>

METEOR identifier: 308220

Registration status: Health, Standard 02/12/2009

Indigenous, Standard 16/09/2014
Tasmanian Health, Standard 20/12/2016

Definition: Total number of completed weeks.

Representational attributes

Representation class:TotalData type:NumberFormat:N[N]Maximum character length:2

Value Meaning

Supplementary values: 99 Not stated/unknown

Unit of measure: Completed weeks

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Data element attributes

Collection and usage attributes

Guide for use:

Gestational age is the best clinical estimate of the duration of pregnancy at a specific point in time, based on the first day of the last menstrual period, ultrasound

or physical examination of the baby.

Gestational age is conventionally expressed in completed weeks. When gestational age is calculated using the first day of the last normal menstrual period, the first day is counted as day zero and not day one. Therefore, a 25 week, 5 day fetus is considered a 25 week fetus (25+0, 25+1, 25+2, 25+3, 25+4, 25+5, 25+6).

When ultrasound is used to date a pregnancy, the earliest ultrasound examination should be used and should preferably be between 6 and 10 weeks gestation. Scans performed beyond 24 weeks gestation are unlikely to be reliable in estimating gestational age and should not be used for this purpose.

The duration of gestation can be determined from the first day of the last normal menstrual period, from ultrasound or clinical assessment. For the purpose of the national collection, gestational age is expressed in completed weeks.

The World Health Organization identifies the following categories:

• pre-term: less than 37 completed weeks (less than 259 days) of gestation;

term: from 37 completed weeks to less than 42 completed weeks (259 to 293 days) of gestation; and

post-term: 42 completed weeks or more (294 days or more) of gestation.

Comments: Gestational age is a key marker in pregnancy and an important risk factor for

neonatal outcomes.

Source and reference attributes

Submitting organisation: National Perinatal Data Development Committee

Origin: International Classification of Diseases and Related Health Problems, 10 Revision,

WHO, 1992

Reference documents: American Academy of Pediatrics 2004. Policy statement Age terminology during

the perinatal period. Paediatrics 114:5 November.

Relational attributes

Related metadata references:

Supersedes Female (pregnant)—estimated gestational age, total weeks NN

Health, Superseded 02/12/2009

Has been superseded by Product of conception—gestational age, completed

weeks N[N]

Health, Superseded 12/12/2018

See also Pregnancy—estimated duration (at the first visit for antenatal care),

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completed weeks N[N]

Health, Superseded 02/08/2017 Indigenous, Superseded 22/10/2018 Tasmanian Health, Superseded 03/07/2020

See also <u>Pregnancy—estimated duration</u>, total weeks N[N]

WA Health, Standard 04/03/2014

Implementation in Data Set Perinatal NMDS 2010-2011

Specifications:

Health, Superseded 21/12/2010 Implementation start date: 01/07/2010 Implementation end date: 30/06/2011 DSS specific information:

The first day of the last menstrual period (LMP) is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis of outcomes.

This item is collected for the mother only.

Perinatal NMDS 2011-12

Health, Superseded 07/03/2012

Implementation start date: 01/07/2011 *Implementation end date:* 30/06/2012

DSS specific information:

The first day of the last menstrual period (LMP) is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis of outcomes.

This item is collected for the mother only.

Perinatal NMDS 2012-13

<u>Health</u>, Superseded 07/02/2013 *Implementation start date*: 01/07/2012 *Implementation end date*: 30/06/2013

DSS specific information:

The first day of the last menstrual period (LMP) is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis of outcomes.

This item is collected for the mother only.

Perinatal NMDS 2013-14

Health, Superseded 07/03/2014

Implementation start date: 01/07/2013 Implementation end date: 30/06/2014

DSS specific information:

The first day of the last menstrual period (LMP) is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis of outcomes.

This item is collected for the mother only.

Perinatal NMDS 2014-18

Health, Superseded 02/08/2017

Implementation start date: 01/07/2014 Implementation end date: 30/06/2018

DSS specific information:

The first day of the last menstrual period (LMP) is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis

of outcomes.

This item is collected for the mother only.

Tasmanian Perinatal Data Set - 2016

Tasmanian Health, Standard 30/01/2017 Implementation start date: 01/07/2016 Implementation end date: 30/06/2017

Tasmanian Perinatal Data Set - 2019

Tasmanian Health, Superseded 23/06/2020

Implementation start date: 01/07/2019 *Implementation end date:* 30/06/2020 Used as Numerator

Implementation in

Indicators:

Australian Atlas of Healthcare Variation: Caesarean section for selected women giving birth for the first time, 2012-2014

Australian Commission on Safety and Quality in Health Care, Standard 07/06/2017

Australian Health Performance Framework: PI 3.1.6-Proportion of babies born with low birthweight, 2019

Health, Superseded 01/12/2020

National Core Maternity Indicators: PI 04-Apgar score of less than 7 at 5 minutes for births at or after term (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 04—Apgar score of less than 7 at 5 minutes for births at or after term (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 04-Apgar score of less than 7 at 5 minutes for births at or after term, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 04-Apgar score of less than 7 at 5 minutes for births at or after term, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 04–Apgar score of less than 7 at 5 minutes for births at or after term, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 05-Induction of labour for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 05-Induction of labour for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 05-Induction of labour for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 05-Induction of labour for selected women giving birth for the first time (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 05—Induction of labour for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 06-Caesarean section for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 06-Caesarean section for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 06-Caesarean section for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 06-Caesarean section for selected women

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giving birth for the first time (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 06—Caesarean section for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 07—Non-instrumental vaginal birth for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 07–Non-instrumental vaginal birth for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 07—Non-instrumental vaginal birth for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: P107-Normal (non-instrumental) vaginal birth for selected women giving birth for the first time (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 07—Normal (non-instrumental) vaginal birth for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 08—Instrumental vaginal birth for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 08—Instrumental vaginal birth for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: P108—Instrumental vaginal birth for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 08-Instrumental vaginal birth for selected women giving birth for the first time (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 08—Instrumental vaginal birth for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 10-Small babies among births at or after 40 weeks gestation (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 10—Small babies among births at or after 40 weeks gestation (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 10—Small babies among births at or after 40 weeks gestation, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 10—Small babies among births at or after 40 weeks gestation, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 10—Small babies among births at or after 40 weeks gestation, 2020

Health, Superseded 17/12/2021

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2017

Health, Superseded 30/01/2018

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2018

Health, Superseded 19/06/2019

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2019

Health, Superseded 13/03/2020

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2020

Health, Standard 13/03/2020

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2021

Health, Standard 16/09/2020

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2022

Health, Standard 24/09/2021

National Indigenous Reform Agreement: PI 09—Antenatal care, 2016 Indigenous, Superseded 01/07/2016

National Indigenous Reform Agreement: PI 09—Antenatal care, 2017 Indigenous, Superseded 06/06/2017

National Indigenous Reform Agreement: PI 09-Antenatal care, 2018 Indigenous, Superseded 31/07/2018

National Indigenous Reform Agreement: PI 09-Antenatal care, 2019 Indigenous, Superseded 23/08/2019

National Indigenous Reform Agreement: PI 09-Antenatal care, 2020 Indigenous, Standard 23/08/2019

Used as Denominator

<u>Australian Health Performance Framework: PI3.1.6–Proportion of babies born with low birthweight, 2019</u>

Health, Superseded 01/12/2020

Caesarean section at less than 37, 38 and 39 completed weeks gestation without medical or obstetric indication, 2017

Australian Commission on Safety and Quality in Health Care, Standard 27/04/2021

<u>Caesarean section or induction of labour at less than 37, 38 and 39 completed</u> <u>weeks gestation without medical or obstetric indication, 2017</u>

<u>Australian Commission on Safety and Quality in Health Care</u>, Standard 27/04/2021

Early planned caesarean section without medical or obstetric indication, 2015

Australian Commission on Safety and Quality in Health Care, Standard
13/12/2018

National Core Maternity Indicators: PI 04-Apgar score of less than 7 at 5 minutes for births at or after term (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: PI 04—Apgar score of less than 7 at 5 minutes for births at or after term (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 04–Apgar score of less than 7 at 5 minutes for births at or after term, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 04–Apgar score of less than 7 at 5 minutes for births at or after term, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 04–Apgar score of less than 7 at 5 minutes for births at or after term, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 05—Induction of labour for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 05—Induction of labour for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 05—Induction of labour for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 05-Induction of labour for selected women giving birth for the first time (2013)

Health, Superseded 02/02/2016

National Core Maternity Indicators: P105—Induction of labour for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 06—Caesarean section for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 06—Caesarean section for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 06—Caesarean section for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 06—Caesarean section for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 07—Non-instrumental vaginal birth for selected females giving birth for the first time, 2018

Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 07–Non-instrumental vaginal birth for selected females giving birth for the first time, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 07—Non-instrumental vaginal birth for selected females giving birth for the first time, 2020

Health, Superseded 17/12/2021

National Core Maternity Indicators: PI 07—Normal (non-instrumental) vaginal birth for selected women giving birth for the first time (2016)

Health, Superseded 06/09/2018

National Core Maternity Indicators: PI 08—Instrumental vaginal birth for selected females giving birth for the first time, 2018

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National Core Maternity Indicators: PI 08—Instrumental vaginal birth for selected females giving birth for the first time, 2019

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National Core Maternity Indicators: PI 10-Small babies among births at or after 40 weeks gestation (2013)

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Health, Superseded 19/06/2019

National Core Maternity Indicators: PI 10–Small babies among births at or after 40 weeks gestation, 2019

Health, Superseded 16/09/2020

National Core Maternity Indicators: PI 10–Small babies among births at or after 40 weeks gestation, 2020

Health, Superseded 17/12/2021

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2017

Health, Superseded 30/01/2018

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2018

Health, Superseded 19/06/2019

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2019

Health, Superseded 13/03/2020

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2020

Health, Standard 13/03/2020

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2021

Health, Standard 16/09/2020

National Healthcare Agreement: PI 01—Proportion of babies born of low birth weight, 2022

Health, Standard 24/09/2021

National Indigenous Reform Agreement: PI 07—Proportion of babies born of low birthweight, 2017

Indigenous, Superseded 06/06/2017

National Indigenous Reform Agreement: PI 07-Proportion of babies born of low birthweight, 2018

Indigenous, Superseded 31/07/2018

National Indigenous Reform Agreement: PI 07-Proportion of babies born of low birthweight, 2019

Indigenous, Superseded 23/08/2019

National Indigenous Reform Agreement: PI 07-Proportion of babies born of low birthweight, 2020

Indigenous, Standard 23/08/2019

National Indigenous Reform Agreement: PI 09—Antenatal care, 2016 Indigenous, Superseded 01/07/2016

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National Indigenous Reform Agreement: PI 09-Antenatal care, 2018 Indigenous, Superseded 31/07/2018

National Indigenous Reform Agreement: PI 09-Antenatal care, 2019 Indigenous, Superseded 23/08/2019

National Indigenous Reform Agreement: PI 09-Antenatal care, 2020 Indigenous, Standard 23/08/2019