



The Swedish Pregnancy Register - for quality of care improvement and research.

<https://arctichealth.org/en/permalink/ahliterature295730>

Author: Olof Stephansson
Kerstin Petersson
Camilla Björk
Peter Conner
Anna-Karin Wikström

Author Affiliation: Clinical Epidemiology Unit, Department of Medicine - Solna, Karolinska Institute, Stockholm, Sweden.

Source: Acta Obstet Gynecol Scand. 2018 Apr; 97(4):466-476

Date: Apr-2018

Language: English

Publication Type: Journal Article

Keywords: Adult
Delivery, Obstetric - standards
Female
Humans
Infant, Newborn
Postnatal Care - standards
Pregnancy
Pregnancy outcome
Prenatal Care - standards
Quality Improvement
Registries
Sweden

Abstract: The objective of this study was to present the Swedish Pregnancy Register and to explore regional differences in maternal characteristics, antenatal care, first trimester combined screening and delivery outcomes in Sweden. The Pregnancy Register (www.graviditetsregistret.se) collects data on pregnancy and childbirth, starting at the first visit to antenatal care and ending at the follow-up visit to the antenatal care, which usually occurs at around 8-16 weeks postpartum. The majority of data is collected directly from the electronic medical records. The Register includes demographic, reproductive and maternal health data, as well information on prenatal diagnostics, and pregnancy outcome for the mother and the newborn.

Today the Register covers more than 90% of all deliveries in Sweden, with the aim to include all deliveries within 2018. The care providers can visualize quality measures over time and compare results with other clinics, regionally and nationally by creating reports on an aggregated level or using case-mix adjusted Dash Boards in real time. Detailed data can be extracted after ethical approval for research. In this report, we showed regional differences in patient characteristics, antenatal care, fetal diagnosis and delivery outcomes in Sweden.

Our report indicates that quality in antenatal and delivery care in Sweden varies between regions, which warrants further actions. The Swedish Pregnancy Register is a new and valuable resource for benchmarking, quality improvement and research in pregnancy, fetal diagnosis and delivery.

Notes:

Cites: BMC Health Serv Res. 2014 Aug 30;14:364 PMID 25175811

Cites: BMJ. 2008 Nov 27;337:a2547 PMID 19039015

Cites: Acta Obstet Gynecol Scand. 2009;88(6):635-8, 7p following 638 PMID 19330568

Cites: Ultrasound Obstet Gynecol. 2008 Jun;31(6):618-24 PMID 18461550

Cites: Acta Obstet Gynecol Scand. 2015 Apr;94(4):368-75 PMID 25581307

Cites: Acta Obstet Gynecol Scand. 2008;87(11):1202-12 PMID 18951207

Cites: Am J Obstet Gynecol. 1996 Jan;174(1 Pt 1):199-205 PMID 8572006

Cites: BMC Health Serv Res. 2014 Dec 10;14:613 PMID 25491418

Cites: BMC Pregnancy Childbirth. 2016 Mar 07;16:49 PMID 26951777

Cites: Eur J Epidemiol. 2009;24(11):659-67 PMID 19504049

PubMed ID:

29172245 [View in PubMed](#) 