Electronic Supplemental Material

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Parviainen A, But A, Siljander H, Knip M, and the Finnish Pediatric Diabetes Register. Decreased Incidence of Type 1 Diabetes in Young Finnish Children. *Diabetes Care*

-Supplementary Figure 1
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-Supplementary Figure 3
-Supplementary Table 1
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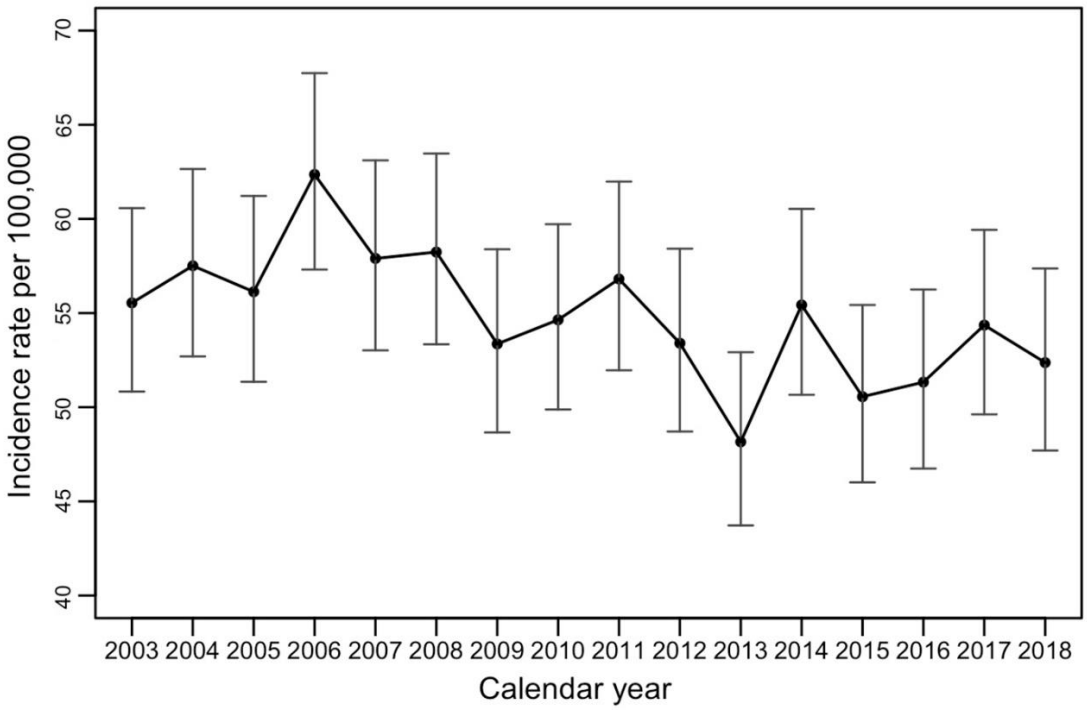
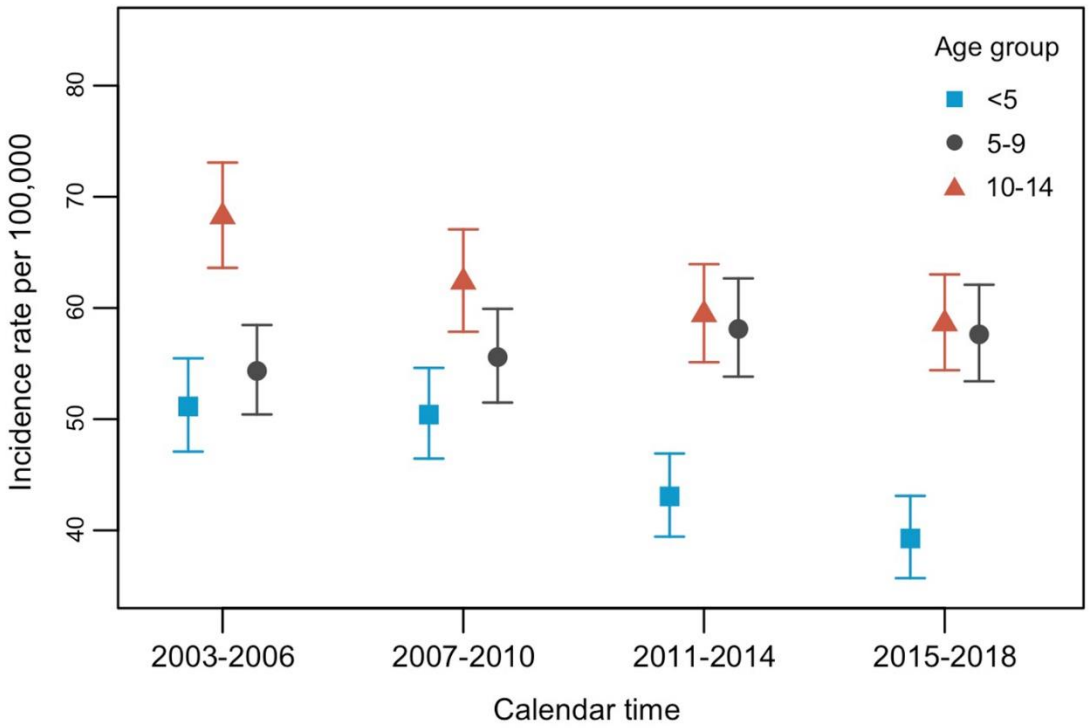
Supplementary Figure 1



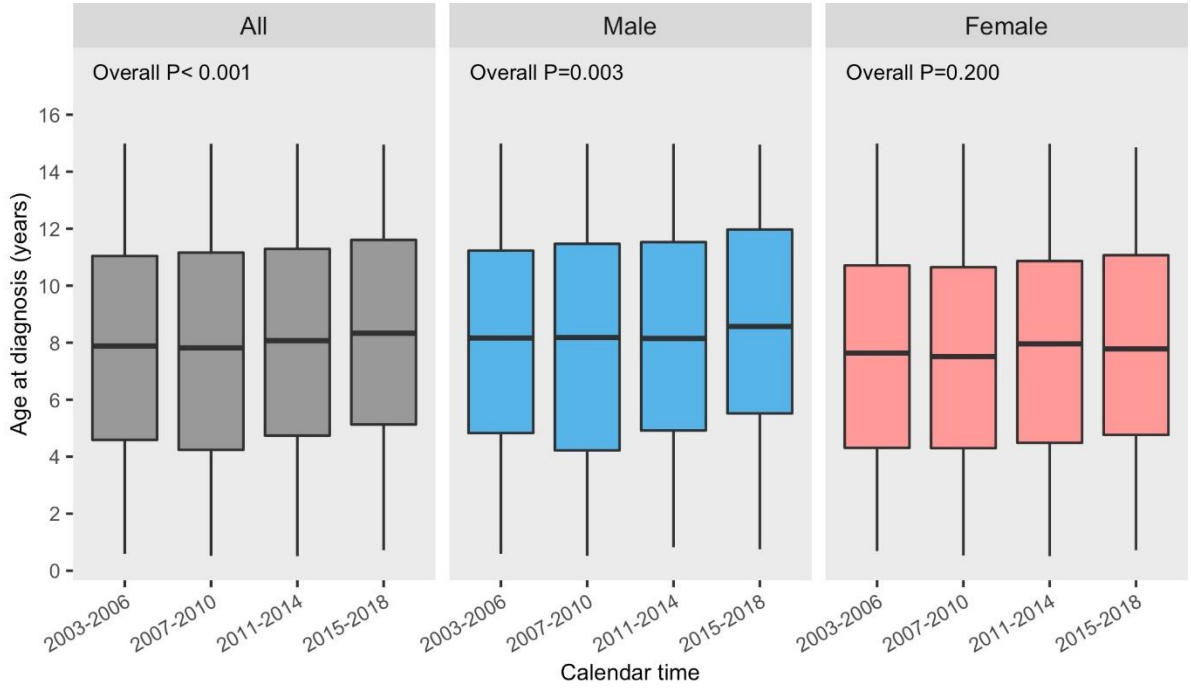
The annual incidence rates of type 1 diabetes per 100,000 person years in Finnish children under age 15 from 2003 to 2018.

Supplementary Figure 2



The age-specific incidence rates, with 95% CIs, of type 1 diabetes per 100,000 person years in Finnish children under age 15 during 4-year periods: blue for ages <5 years, black for ages 5-9 years, and red for ages 10-14 years.

Supplementary Figure 3



The distribution of age at diagnosis of type 1 diabetes in the whole study cohort of Finnish children under age 15 and by sex as examined by 4-year periods using boxplot (two hinges corresponding to the first and third quartiles with the median in between, and the whiskers extending from the smallest to the largest value no further than 1.5*IQR from the hinge) and overall *P* values (Kruskal-Wallis test).

Supplementary Table 1

Age group (years)	Calendar time	ALL			MALE			FEMALE		
		IR/100,000 PY (95% CI)	IRR (95% CI)	*P*	IR/100,000 PY (95% CI)	IRR (95% CI)	*P*	IR/100,000 PY (95% CI)	IRR (95% CI)	*P*
0–6	2003–2006	55.9 (52.3–59.7)	1	NA	58.65 (53.5–64.1)	1	NA	53.1 (48.1–58.4)	1	NA
	2007–2010	52.9 (49.4–56.5)	0.95 (0.86–1.04)	0.2415	55.4 (50.5–60.6)	0.94 (0.83–1.07)	0.3758	50.3 (45.5–55.4)	0.95 (0.83–1.09)	0.4433
	2011–2014	46.9 (43.7–50.3)	0.84 (0.76–0.92)	0.0003	51.7 (47.1–56.8)	0.88 (0.78–1.00)	0.0564	41.9 (37.6–46.5)	0.79 (0.68–0.91)	0.0012
	2015–2018	46.2 (43.0–49.7)	0.83 (0.75–0.91)	0.0001	47.3 (42.7–52.2)	0.81 (0.71–0.92)	0.0016	45.1 (40.5–50.0)	0.85 (0.74–0.98)	0.0243
7–14	2003–2006	59.4 (56.1–62.8)	1	NA	67.3 (62.4–72.4)	1	NA	51.2 (46.9–55.9)	1	NA
	2007–2010	58.8 (55.4–62.3)	0.99 (0.91–1.07)	0.7921	66.2 (61.2–71.5)	0.98 (0.88–1.10)	0.7689	51.0 (46.5–55.8)	1.00 (0.88–1.13)	0.9437
	2011–2014	59.3 (55.9–62.9)	1.00 (0.92–1.08)	0.9756	65.1 (60.1–70.4)	0.97 (0.87–1.08)	0.5583	53.3 (48.7–58.2)	1.04 (0.92–1.18)	0.5390
	2015–2018	57.1 (53.8–60.6)	0.96 (0.89–1.04)	0.3414	66.4 (61.4–71.7)	0.99 (0.89–1.10)	0.8147	47.4 (43.1–52.0)	0.92 (0.81–1.05)	0.2252

Incidence rates (IR) per 100,000 person years (PY) and incidence rate ratios (IRRs) of type 1 diabetes in Finnish children aged 0–6 and 7–14 years from 2003 to 2018.

The Finnish Pediatric Diabetes Register comprises the following investigators:

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Steering Committee: Per-Henrik Groop (Folkhälsan Research Center), Jorma Ilonen (Immunogenetics Laboratory, University of Turku), Timo Otonkoski (Children's Hospital, Helsinki University Hospital), Riitta Veijola (Department of Pediatrics, Oulu University Hospital).

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