

Source	Country	Study type and setting	Type of diabetes	Prepandemic period				Pandemic period		
				Age, mean, y	Female, %	Duration, mo (period)	Sample size	Age, mean, y	Female, %	Duration, mo (period)
Alexandre et al, ³⁰ 2021	Portugal	Retrospective cohort, single site	1	10.0	55	12 (Apr 2019 to Mar 2020)	NR	12.3	37.0	12 (Apr 2020 to Mar 2021)
Boboc et al, ³¹ 2021	Romania	Retrospective cohort, single site	1	7.0	45.5	24 (Mar 2018 to Feb 2020)	973 750	7.2	49.0	12 (Mar 2020 to Mar 2021)
Dilek et al, ³⁶ 2021	Turkey	Retrospective cohort, single site	1	10.5	54.3	12 (Mar 2019 to Mar 2020)	NR	10.0	52.7	12 (Mar 2020 to Mar 2021)
Kostopoulou et al, ⁴¹ 2021	Greece	Prospective during pandemic with retrospective prepandemic, multisite	1	9.4	29.4	12 (Mar 2019 to Feb 2020)	NR	8.0	57.1	12 (Mar 2020 to Mar 2021)
Mameli et al, ⁴⁴ 2021	Italy	Retrospective cohort, population based	1	2017, 8.7; 2018, 8.7; 2019, 8.9	2017, 45.0; 2018, 46.1; 2019, 49.4	36 (Jan 2017 to Dec 2019)	NR	8.5	43.0	12 (Jan to Dec 2020)
Marks et al, ⁴⁵ 2021	US	Retrospective cohort, single site	1 and 2	Type 1:1y PP, 10.0; 2y PP, 10.0; T2D:1y PP, 14.1; 2y PP, 13.8	1 y PP, 48.1; 2 y PP, 46.7 for both types	24 (Mar 2018 to Mar 2020)	NR	T1D, 10.0; T2D, 14.5	44.5 (Types 1 and 2)	12 (Mar 2020 to Mar 2021)
Mohamed Haniffa et al, ⁴⁷ 2021	UK	Retrospective cross-sectional, single site	1	PP, 9.8	NR	12 (Apr 2019 to Mar 2020)	NR	8.5	NR	12 (Apr 2020 to Mar 2021)
Moon et al, ⁴⁸ 2021	England	Retrospective cross-sectional, single site	1	NR	NR	48 (Mar 2016 to Mar 2020)	NR	NR	NR	12 (Mar 2020 to Mar 2021)
Vlad et al, ⁵² 2021	Romania	Retrospective cohort, population based	1	All pediatric age	NR	60 (Jan 2015 to Dec 2019)	3 057 024-3 318 667	All pediatric age	NR	12 (Jan to Dec 2020)
Al-Abdulrazzaq et al, ²⁷ 2022	Kuwait	Retrospective cross-sectional, population based	1	8.0	50.5	12 (Feb 2019 to Feb 2020)	805 851	8.2	73.4	12 (Feb 2020 to Mar 2021)
Al-Qahtani et al, ²⁸ 2022 ^a	Saudi Arabia	Retrospective cohort, single site	1	NR	55.0 (All periods)	36 (Jan 2017 to Dec 2019)	NR	NR	55.0 (All periods)	24 (Jan 2020 to Mar 2021)
Alassaf et al, ²⁹ 2022	Jordan	Retrospective cross-sectional, single site	1	Pediatric age	51.9	12 (Mar 2019 to Mar 2020)	NR	Pediatric age	55.4	12 (Mar 2020 to Mar 2021)
Ansar et al, ⁵⁷ 2022	US	Retrospective cohort, single site	1 and 2	Pediatric age; most 6-16	NR	24 (Mar 2018 to Feb 2020)	NR	Pediatric age, most 6-16	NR	22 (Mar 2020 to Mar 2021)
Australian Institute of Health and Welfare, ⁵⁵ 2022	Australia	Retrospective database, population based	1 and 2	Age for T1D, 0-19, and for T2D, 10-39 ^b	NR for T1D	60 (Jan 2015 to Dec 2019)	T1D, 1 469 856-4 742 627; T2D, 27 210-28 517	Age for T1D, 0-19, and for T2D, 10-39 ^b	NR	12 (Jan to Dec 2020)
Caetano et al, ⁵⁶ 2022 ^c	Portugal	Retrospective cohort, single site	1	10.7	47.7	36 (Mar 2017 to Mar 2020)	NR	9.0	46.9	12 (Mar 2020 to Mar 2021)
Cinek et al, ³² 2022	Czechia	Retrospective cross-sectional, population based	1	NR	NR	60 (Jan 2015 to Dec 2019)	1 623 716-1 710 202	NR	NR	21 (Apr 2020 to Mar 2021)
Citron et al, ³³ 2022	US	Retrospective cross-sectional, single site	1 and 2	NR	NR	12 (Jan to Dec 2019)	NR	NR	NR	22 (Jan 2020 to Mar 2021)
DeLacey et al, ³⁴ 2022	US	Retrospective cross-sectional, single site	2	14.1	54.2	60; (May 2015 to Apr 2020)	NR	14.1	45.9	12 (May 2020 to Mar 2021)
Donbaloğlu et al, ³⁷ 2022	Turkey	Retrospective cohort, single site	1	NR	NR	24 (Apr 2018 to Apr 2020)	NR	9.4	71.0	12 (Apr 2020 to Mar 2021)
Kamrath et al, ¹² 2022 ^d	Germany	Retrospective cohort, population based	1	9.8	44.2	60 (Jan 2015 to Dec 2019)	NR	9.7	45.0	18 (Jan 2020 to Mar 2021)
Gottesman et al, ³⁸ 2022	US	Retrospective cross-sectional, single site	1	9.7	NR	60 (Mar 2015 to Mar 2020)	1 405 967-1 410 787	9.6	56.7	12 (Mar 2020 to Mar 2021)
Guo et al, ³⁹ 2022	US	Retrospective cohort, population based	1 and 2	T1D, 11.0; T2D, 12.5	T1D, 48.7; T2D, 60.3	36 (Apr 2017 to Mar 2020)	NR	T1D, 11.0; T2D, 12.5	T1D, 48.7; T2D, 60.3	12 (Apr 2020 to Mar 2021)
Kaya et al, ⁴⁰ 2022	Turkey	Retrospective cohort, single site	1	8.1	46.8	36 (Feb 2017 to Jan 2020)	NR	8.5	45.5	12 (Feb 2020 to Mar 2021)
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Leiva-Gea et al, ⁴² 2022	Spain	Retrospective cross-sectional, multisite	1	NR	NR	60 (Jan 2015 to Dec 2019)	NR	NR	NR	15 (Jan 2020 to Mar 2021)
Magge et al, ⁴³ 2022	US	Retrospective cross-sectional, multisite	2	14.4	55.0	24 (Mar 2018 to Feb 2020)	NR	14.4	45.0	12 (Mar 2020 to Mar 2021)
Messaoui et al, ⁶¹ 2022	Belgium	Retrospective cohort, population based	1	Pediatric age	38	22 (Mar 2018 to Dec 2019)	NR	Pediatric age	56	22 (Mar 2020 to Mar 2021)
Modarelli et al, ⁴⁶ 2022	US	Retrospective cohort, single site	1 and 2	T1D:2y PP, 9.9; 1 y PP, 10.4; T2D: 2y PP, 9.9;1y PP, 9.9 y	T1D:2y PP, 55.0; 1 y PP, 55.0; T2D: 2 y PP, 59.0; 1 y PP, 56.0	24 (Apr 2018 to Mar 2020)	NR	T1D, 10.5; T2D, 9.9	T1D, 35.0; T2D, 53.0	12 (Apr 2020 to Mar 2021)
Passanisi et al, ⁴⁹ 2022	Italy	Retrospective cross-section, population based	1	Pediatric age only	55.2 (All periods)	12 (Jan to Dec 2019)	252 792	Pediatric age in all periods	55.2 (All periods)	24 (Jan 2020 to Mar 2021)
Pietrzak et al, ⁵⁰ 2022	Poland	Retrospective cross-sectional, multisite	1	9.5	46.7 (All periods)	12 (Mar 2019 to Mar 2020)	6 454 756	9.5 (All periods)	46.7 (All periods)	12 (Mar 2020 to Mar 2021)
Raicevic et al, ⁵¹ 2022	Montenegro	Retrospective cohort, population based	1	8.4	45.5 (All periods)	48 (Jan 2016 to Dec 2019)	111 475-113 302	8.4 (All periods)	45.5 (All periods)	12 (Jan 2020 to Mar 2020)
Reschke et al, ²⁴ 2022	Global	Retrospective cohort, multisite	1	1 y PP, 10.8; 2 y PP, 11.3	1 y PP, 46.2; 2 y PP, 47.6	24 (Jan 2018 to Dec 2019)	NR	Year 1, 10.6; year 2, 10.1	Year 1, 47.2; year 2, 44.8	24 (Jan 2020 to Mar 2021)
Schiaffini et al, ³⁵ 2022	Italy	Retrospective cross-sectional, single site	1	NR	NR	36 (Jan 2017 to Dec 2019)	NR	NR	NR	24 (Jan 2020 to Mar 2021)
Schmitt et al, ³ 2022	US	Retrospective cross-sectional, single site	2	13.3	59.8 (All periods)	36 (Apr 2017 to Mar 2020)	NR	13.3 (All periods)	59.8 (All periods)	12 (Apr 2020 to Mar 2021)

Shulman et al, ¹³ 2022 ^e	Canada	Retrospective cross-sectional, population based	1 and 2	9.2	48.7 (All periods)	36 (Jan 2017 to Dec 2019)	2 913 386-2 934 363	9.2 (All periods)	48.7 (All periods)	19 (Mar 2020 to 2021)
van den Boom et al, ⁶³ 2022	Germany	Retrospective cohort, population based	1	All pediatric ages	NR	48 (Jan 2016 to Dec 2019)	15 221 437-15 330 502	All pediatric age	NR	24 (Jan 2020 to 2021)
Vorgučin et al, ⁵³ 2022 ^f	Serbia	Retrospective cohort, multisite	1	Pediatric age only	46.8 (All periods)	36 (Jan 2017 to Dec 2019)	NR	Pediatric age across all periods	46.8 (All periods)	24 (Jan 2020 to 2021)
Wolf et al, ⁵⁴ 2022	US	Retrospective cohort, multisite	1	10.6	48.7	12; (Jan to Dec 2019)	NR	10.2	46.3	12 (Jan to Dec 2021)
Baechle et al, ²³ 2023	Germany	Retrospective cohort, population based	1	9.8	44.2	60 (Jan 2015 to Dec 2019)	NR	9.7	45.0	18 (Jan 2020 to 2021)
Gesuita et al, ⁵⁸ 2023	Italy	Retrospective cohort, population based	1	All pediatric age	NR	372 (Jan 2015 to Dec 2019)	718 593-762 431	All pediatric age	NR	24 (Jan 2020 to 2021)
Giorda et al, ⁵⁹ 2023	Italy	Retrospective cohort, multisite	1	14.6	39.9	36 (Jan 2017 to Dec 2019)	18 049-18 685	14.6	39.9	24 (Jan 2020 to 2021)
Matsuda et al, ⁶⁰ 2023	Japan	Retrospective cohort, population based	1	All pediatric ages	48.9	252; (Jan 1999 to Dec 2019)	136 123	All pediatric age	48.9	24 (Jan 2020 to 2021)
Sasidharan Pillai et al, ⁶² 2023	US	Retrospective cohort, single site	2	14.8	53.6	36 (Mar 2017 to Feb 2020)	NR	14.1	56.8	22 (Mar 2020 to 2021)