

Incident diabetes within the first two years after SARS-CoV-2 infection: a population-based retrospective cohort study of the Agency for Health Protection of Milan, Italy

Database	Coding system and thresholds	Code(s)	Lookback period (years)
HDR	DRG	294 (diabetes, age > 35 years); 295 (diabetes, age < 36 years)	0-5
	ICD-9-CM Diagnosis (any field)	250.0x (uncomplicated DM); 250.1x (DM with ketoacidosis); 250.2x (DM with hyperosmolar hyperglycemic state); 250.3x (DM with other type of coma); 250.4x (DM with renal complications); 250.5x (DM with eye complications); 250.6x (DM with neurological complications); 250.7x (DM with peripheral vascular complications); 250.8x (DM with other specified complications); 250.9x (DM with unspecified complications); 357.2 (diabetic polyneuropathy); 362.01-362.02 (diabetic retinopathy)	0-5
Exemption database	National exemption coding system	013.250	0-10
Drug dispensing databases	ATC (>=50% of DDDs covered)	A10A* (insulin); A10B* (oral antidiabetic agents)	0-1

Supplementary Table S1. Extrapolation of the list of criteria in use in Lombardy Region (Deliberation of Regional Council no. 6164/2017 and subsequent amendments and supplements) to build the Chronic Disease Database from routinely collected health data. Subjects fulfilling ≥ 1 of the following criteria are classified as affected by diabetes mellitus.

Abbreviations: ATC, World Health Organization Anatomical Therapeutic Chemical classification system; DDD, defined daily doses; DM, diabetes mellitus; DRG, diagnosis-related group; HDR, hospital discharge records; ICD-9-CM, International Classification of Diseases, 9th Revision, Clinical Modification.