

**Supplementary Table 1.** Classification of diabetes mellitus type according to ICD-10 from Claim Data

Classification of diabetes mellitus type according to ICD-10	Number
Type 1 diabetes mellitus	227,280
Classification according to codes of disease classification symbol	
Requested type 1 code only	37,947
Also requested other type codes with type 1 code	189,333
Classification by the number of insulin prescription	
0	141,516
1 time	85,764
2 times	55,385
3 times or more	44,747
Classification according to the type of prescription drugs	
Did not receive any prescription	95,400
Received one or more prescriptions for insulin only, but not OHA	45,077
Received one or more prescriptions for only OHA, but not insulin	43,706
Received both insulin and OHA	43,097
Type 2 diabetes mellitus	3,224,091
Malnutrition-related diabetes	8,573
Other specific type of diabetes mellitus & type unknown diabetes mellitus	1,190,405
Total number of diabetes in Korea (real number of type 1, 2, 3, and other form diabetes except for the duplication)	3,762,332
The number of health insurance subscribers during the study period	49,662,097

OHA, oral hypoglycemic agent.