

Supplemental Table 1: Key Definitions

	Definitions
Type 2 diabetes mellitus	ICD-10* codes: anything that starts with E08, E09, E11, E13 <ol style="list-style-type: none"> 1. Qualifying codes associated with a single inpatient encounter 2. Qualifying codes associated with two separate outpatient visits (including emergency department encounters) 3. Qualifying codes associated with a single outpatient encounter and concurrent diabetes medications
Type 1 diabetes mellitus	The following criteria must be met: <ol style="list-style-type: none"> 1. > 50% of ICD-10 codes are for type 1 diabetes mellitus (anything that starts with ICD-10 code E10) 2. Has a prescription for the medication insulin
Diabetes medications class	<ol style="list-style-type: none"> 1. Amylin analogs 2. Dipeptidyl peptidase IV (DPP-IV) inhibitors 3. Glucagon-like peptide-1 (GLP-1) receptor agonists 4. Insulin, insulin analog 5. Meglitinide combinations 6. Metformins and metfomin-sulfonylurea combinations 7. SGLT2 inhibitors 8. Thiazolidinediones 9. Sulfonylureas 10. Dopamine-2 agonist (Cycloset, 0.8mg) 11. Alpha-glucosidase inhibitors
Eye Exam	Any of the following: <ol style="list-style-type: none"> 1. CPT** codes: 92002, 92004, 92012, 92014, 67028, 67210, 67101, 67105, 67141, 67145, 67201, 67228, 92134, 92133, 92250, 92242, 92235, 92240, 92230, 76512, 92225, 92226, 92201, 92202 2. CPT codes: 99201 - 99205, 99211 - 99215, 99024, 99025 + provider type optometrist or ophthalmologist
History of Eye Disease	Any of the following: H00-H59
History of Diabetic Eye Disease Treatment	Any of the following: CPT codes: 67028, 67210, 67228

* International Classification of Diseases

** Current Procedural Terminology