Relational Data Model of Crime Incidents-2013 Database

Census
- Census ID
- Census Tract
- Voting Precinct
- Start Date
- End Date
- CCN

Ward Number
- Ward

District Number
- District

PSA Number
- PSA

Address
- Address ID
- Block Site Address
- Block X Co-ordinate
- Block Y Co-ordinate
- Ward
- ANC
- District
- PSA
- Neighborhood Cluster
- CCN

Incident
- CCN
- Report Time
- Shift
- Offense
- Method
- Last Date Modified

Neighborhood Cluster Number
- Neighborhood Cluster

Business Improvement
- Business Improvement ID
- Business Improvement District
- Block Group
- CCN

Improvement District
- Business Improvement District

Comments:
1. All the first underlined attribute in each table is the primary key and rest all (underlined) are foreign keys.
2. The new primary keys created in some tables are-
Address ID, Census ID, Business Improvement ID.

Relationships:
1. Incident and Address - one to one
2. Incident and Census - one to one
3. Incident and Business Improvement - one to one
4. Improvement District and Business Improvement - one to many
5. Ward Number and Address - one to many
6. District Number and Address - one to many
7. PSA Number and Address - one to many
8. Neighborhood Cluster Number and Address - one to many