



Geocoding Match Level Summary

A. Your customer output file is called
C:\Samples\Sample_Records_out.xls.

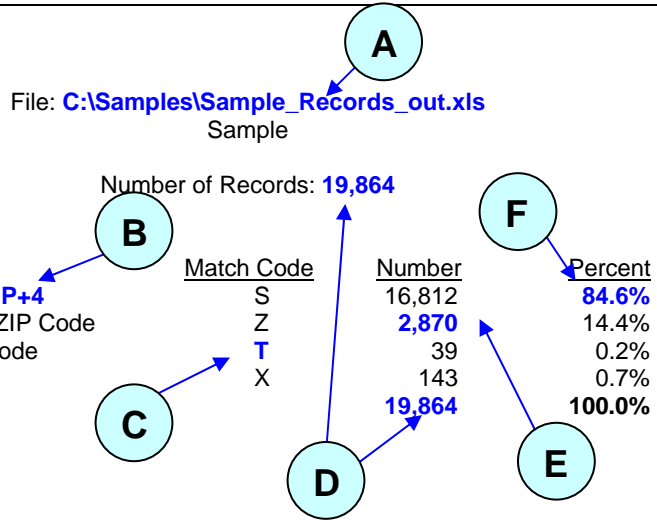
B. The best match level is Street Address or ZIP+4.

C. A match code is appended to each of your customer records. The code identifies the best possible match level for the address.

D. There are 19,864 records in your customer output file. The record counts should be the same as the number of records in the input file.

E. 2,870 of your customer records were geocoded at the Dominant Tract level.

F. 84.6% of your customer records were matched at the Street Address or ZIP+4 level. A good match rate at the street level is 85% or more.



Match Description

ESRI assigns your customer records to one of four match levels. The best match level is Street Address or ZIP+4. If a record cannot be matched at the Street Address or ZIP+4 level, the Geo-Fix option can assign a census tract through a ZIP Code to census tract correspondence. The census tract with the largest population in the ZIP Code is appended to the record. This match is referred to as a Dominant Tract in ZIP Code (Z) match. If the ZIP Code is built from only one census tract, then the match code (T) denotes only one tract in the ZIP Code.

Note: If Geo-Fix is turned off, then any record that is assigned a geocode will be considered a "Street Match." See **Location Codes (LOC_CODE)** field in output file to view the qualities of the geocode.

If an address is assigned a "No Geocode", no match was possible below the county level. Post office boxes, rural routes or drops, or incomplete addresses can preclude a match. Addresses outside the U.S. cannot be matched either.

ZIP Code to Census Tract Correspondence Summary

Census tracts are assigned to residential ZIP Codes by overlaying the centroids of the component blocks on ZIP Code boundaries. Expressed as latitude/longitude coordinates, centroids approximate the geographic centers of blocks. If the centroid of a block falls within the ZIP Code, it is included. Blocks are then aggregated, and the ratio of the block totals to tracts is used to create the ZIP Code to census tract correspondence.