



The Office of Application Development offers an **Enterprise Address Service** that standardizes and validates address data to U.S. Postal Service (USPS) standards upon entry into agency applications and systems. This service works on both internal and external web pages as well as agency applications. It automatically reviews and corrects the address elements to create clean, quality, and standardized address data that become part of the agency's systems.

Agencies can either use the Address Service as a real-time web service or use it in batch processing mode for large numbers of addresses. The web service validates and corrects individual entries nearly instantaneously as the data is entered into the system, while the batch processing can process millions of address records in minutes on a scheduled basis.

Address Service Benefits

- Ensures accuracy of critical U.S. address information in agency databases
- Allows agencies to ensure that an address list qualifies for USPS discounts on bulk mail
- Lowers mailing costs by reducing the need for additional handling of returned mail
- "Type ahead" feature saves time for citizens during data entry (if entering on a web page) or for agency staff who are entering data directly into the agency application

Address Service Features

- Corrects a mailing address according to USPS standards
 - Standardizes street types, creates all uppercase letters, removes most special characters, and handles minor corrections and some "typos" automatically
 - Determines ZIP code (5-digit) and performs ZIP+4 automatic lookup
 - Data is provided in upper and mixed case so the agency can choose which to incorporate into their system (Note: USPS requires upper case for discounts)
- Presents status codes to describe the address and its deliverability
 - Can describe an address as good, bad, or questionable
 - Can identify address inconsistencies such as missing or invalid house numbers, apartment numbers, or rural route information
- Operates as a **real-time web service**
 - Validates an address as it is entered to help prevent bad data from entering the system or application; response time is typically measured in milliseconds
- Operates in **batch mode**
 - Can process millions of records on weekly, monthly, or quarterly schedules
 - Can connect directly to various database systems and file formats

For more information, or if you would like to get a demonstration of this service, please contact:

Marcella Wright, Director
Division of Data Management Services
502-564-6286
Marcella.Wright@ky.gov