# Appendix A — Product Type Mapping Logic

To standardize reporting, raw product descriptions from Encompass were grouped into broader product categories based on keyword detection. This mapping ensures consistent reporting across charts and tables.

## Mapping Rules

|  |  |
| --- | --- |
| **Raw Value Contains** | **Mapped Category** |
| FHA | FHA |
| VA | VA |
| NON QM or NON-QM | Non-QM |
| CONV or CONVENTIONAL | Conventional |
| *(Other cases)* | Other |

## 

## Example Mappings

* *"FHA 30 YR FIXED"* → **FHA**
* *"VA IRRRL"* → **VA**
* *"Conv 30 Yr Fixed"* → **Conventional**
* *"Non-QM Bank Statement"* → **Non-QM**
* *"2nd Lien"* → **Other**
* *“Jumbo”* → **Other**
* *“Portfolio ARM”* → **Other**
* *“USDA”* → **Other**

**Note:** Mapping is case-insensitive and applied using substring matching.