TRADEXPERTS U.S. CONSUMERS DATABASE

Enterprise Data Provenance & Technical Asset Specification — 2026 Edition

240M	59.0M	42.0M	263 GB	$1,250
CONSUMER RECORDS	UNIQUE EMAILS	MOBILE CONTACTS	UNCOMPRESSED	LICENSE (USD)

1. General Identification & Procurement Metadata

METADATA PARAMETER	SPECIFICATION DETAILS
Dataset Name	TRADExperts U.S. Consumers Database **[TRADExperts, 2026]**
Sourcing Provider	TRADExperts Data Science Enterprise
Data Sources	Licensed wholesale databases from shopping platforms and nationwide real estate registries
Geographic Scope	United States Nationwide (All 50 States, District of Columbia, and U.S. Territories)
Commercial Terms	USD $1,250.00 one-time fee (Instant digital download; no monthly or annual subscriptions)
Distribution Package	24.5 GB compressed ZIP archive containing 3,139 individual CSV files (~8 MB per file)
Sample Resource	Representative evaluation sample available via `240M_US_Consumers_Sample.csv`

2. System Architecture & Partitioning Schema

The TRADExperts U.S. Consumers Database constitutes an exhaustive national data repository containing 240,000,000 individual records (250,808,966 total entry lines) spanning 263 gigabytes of uncompressed relational data. The architecture is engineered for multi-variable profiling, machine learning model training, and high-precision consumer targeting.

STORAGE & ETL PARTITIONING

To optimize distributed query engines and parallelized ETL ingestion, the dataset is partitioned into 3,139 CSV files averaging 8 megabytes each. Primary record resolution uses synthetic keys (`location_unique_flag`) ensuring household deduplication and rapid spatial indexing.

INGESTION & SCHEMA INTEGRITY

All tables use standardized UTF-8 encoding with explicit schema types. CSV headers align across all 3,139 files, enabling zero-copy ingestion into modern cloud data warehouses (Snowflake, BigQuery, Databricks) and SQL databases.

3. Core Identity & Socio-Demographic Schema

Verified individual and household consumer profiles capture essential socio-demographic indicators enabling nuanced consumer segmentation across commercial, academic, and economic research domains.

FIELD VARIABLE	DATA TYPE	DESCRIPTION & FUNCTIONAL MAPPING
`Full Name / Address`	String / Text	Individual primary first/last name and verified physical residential street address
`ind_gender_code`	Categorical	Gender code ('M' = Male, 'F' = Female, 'U' = Unknown)
`ind_household_rank_code`	Categorical	Role within household (Head of Household, Spouse, Dependent)
`ind_age_code`	Bracketed Code	Stratified age group range identifier (e.g., A, B, C age brackets)
`ind_occupation_code`	Categorical Code	Occupational field and general career classification
`marital_status_code`	Categorical Code	Marital status identifier (Single, Married, Divorced, Widowed)
`number_children_code`	Numeric Code	Count of dependent children present in the household
`grandchildren_flag`	Boolean Flag	Indicates presence of grandchildren within the family structure

4. Geospatial Precision & Telephony Compliance Schema

FIELD VARIABLE	DATA TYPE	DESCRIPTION & OPERATIONAL PURPOSE
`geo_level_code`	Standard Code	Level of spatial detail captured (State, County, Zip Code)
`cbsa_code`	OMB FIPS Code	Core Based Statistical Area (Metropolitan / Micropolitan area)
`dnc_flag`	Boolean Flag	Listed on National Do Not Call registry (Scanned: June 30, 2026)
`scrubbed_phoneable_flag`	Boolean Flag	Verified phone number legally callable under TCPA compliance rules
`mail_score_code`	Proprietary Score	Predictive mail response likelihood and deliverability quality index
`po_flag`	Boolean Flag	Distinguishes Post Office boxes from physical street addresses

TELEPHONY AUDIT & REGISTRY VERIFICATION STANDARD

All 42,000,000 unique mobile contact lines and direct phone records were last scrubbed against the National Do Not Call (DNC) Registry on **June 30, 2026**. Outbound telephone contact strategies must reference the `dnc_flag` and `scrubbed_phoneable_flag` fields to maintain strict regulatory compliance under TCPA guidelines.

5. Real Estate Valuation & Property Schema

Property metrics provide structural insights into real estate ownership, valuation brackets, dwelling traits, and available equity parameters across all residential records.

REAL ESTATE VARIABLE	FORMAT	ANALYTICAL DEFINITION
`home_property_type_code_02`	Categorical	Property classification (Single Family, Condo, Townhome)
`home_value_code`	Bracketed Range	Estimated individual property market valuation range
`home_median_value_code`	Standard Code	Median home value across the immediate neighborhood
`home_owner_renter_code`	Status Code	Occupancy tenure indicator (Homeowner vs. Renter)
`length_of_residence_code`	Duration Code	Duration of household occupancy at current location
`home_square_footage_code`	Range Code	Total living area square footage bracket
`home_equity_available_code`	Range Code	Estimated available home equity range ($)
`home_loan_to_value_code`	Percentage Code	Estimated home loan-to-value (LTV) ratio range

6. Wealth Analytics & Financial Propensities Schema

FINANCIAL VARIABLE	FORMAT	FINANCIAL SIGNIFICANCE
`income_code` / `median_income_code`	Income Tier	Estimated annual household gross income tier & area median
`networth_code`	Wealth Tier	Estimated household net worth bracket
`credit_capacity_code`	Score Code	Inferred borrowing power and credit line capacity
`donor_capacity_code` / `charitable_flag`	Propensity Code	Estimated financial contribution & philanthropic capacity
`cc_premium_flag` / `cc_upscale_dept_flag`	Boolean Flags	Active holder of premium credit cards / upscale retail cards
`cc_travel_entertainment_flag`	Boolean Flag	Usage of travel and entertainment charge cards

WEALTH INTELLIGENCE & CREDIT MODELING NOTE

Financial indicators combine primary income modeling, real estate equity assessments, credit card tier tracking, and investment participation flags. This enables multi-dimensional wealth segmentation across mass-market, affluent, and high-net-worth brackets.

7. Consumer Behavioral Flags & Lifestyle Taxonomy

Hobbies, Arts & Culture

`reading_general_flag`
`reading_science_fiction_flag`
`collectibles_art_flag`
`collectibles_antiques_flag`
`hobbies_photography_flag`
`hobbies_woodworking_flag`
`ls_highbrow_living_flag` `arts_cultural_flag`

Sports, Outdoor & Recreation

`sports_golf_flag`
`spectator_sports_football_flag`
`self_exercise_running_jogging_flag`
`self_exercise_aerobic_flag`
`outdoor_hunting_shooting_flag`
`outdoor_fishing_flag` `rv_owner_flag`
`boat_owner_flag` `motorcycle_owner_flag`

Investment & Economic Habits

`investments_stocks_bonds_flag`
`investments_real_estate_flag`
`investments_foreign_flag`
`reading_financial_newsletter_flag`
`cooking_gourmet_flag` `foods_natural_flag`
`travel_international_flag`
`travel_cruises_flag`

Consumer Lifestyle & Home Attributes

`hobbies_gardening_flag`
`home_improvement_diy_flag`
`cooking_general_flag`
`self_education_online_flag`
`veteran_present_hh_flag` `dog_owner_flag`
`cat_owner_flag` `ls_green_living_flag`
`ls_professional_living_flag`

8. Recommended Applications & Citation Governance

AI & Predictive Modeling
Large-scale consumer data training for machine learning algorithms, propensity scoring models, and market segmentation engines.

Direct Marketing Campaigns
Omnichannel campaign execution spanning direct mail, telemarketing (via legal scrubber flags), and targeted digital marketing.

Academic & Demographic Research
National consumer trends analysis, socio-economic research, and regional purchasing power studies across U.S. markets.

9. Commercial Licensing, Sub-Licensing & Permitted Use Terms

Commercial License & Sub-Licensing Scope: Under the TRADExperts commercial licensing framework, the scope of rights granted upon purchase includes full resale authorization and sub-licensing permission for all consumer datasets listed on the website. Licensees may incorporate, package, or sub-license the records within commercial software, analytical platforms, or downstream data offerings.

Mandatory Consumer Consent Standard: Under the express terms of sale, prospective buyers and downstream licensees are bound to request prior consent from contacts contained in the database. Consent must be explicitly granted in written or verbal form before commercial offers, sales outreach, or marketing solicitations may be initiated where consumer interest is clearly established.

Due Diligence & Non-Disclosure Agreements (NDA): To facilitate institutional evaluation and data governance compliance, prospective enterprise buyers may request and execute a Non-Disclosure Agreement (NDA) during due diligence prior to final transaction execution.

10. Data Provenance Verification & References

1. TRADExperts Data Science Enterprise. *U.S. Consumers Database (263 GB Dataset Specification & Catalog)*. Available online at: https://tradexperts.org/products/consumers (Accessed October 2026).