

Basecast

Synthetic base population at the block-group level.

250

ROWS
SAMPLE SIZE

US

SCOPE
GEOGRAPHY

2026-Q1

VINTAGE
DATA VINTAGE

Annual

CADENCE
REFRESH

SCHEMA PREVIEW

First five rows. *Production schema, synthetic values.*

BLOCK_GROUP_ID	STATE_FIPS	TOTAL_POPULATION	ADULTS_18_PLUS	MEDIAN_AGE	HOUSEHOLDS
482010120004	48	4450	3149	31.8	1869
360470012001	36	3621	2523	40.86	1227
060371234002	06	4828	2757	35.53	1220
170318304001	17	2601	2204	36.52	1107
360470012001	36	3181	2662	43.44	1054

FORMAT: CSV · ROWS IN DOWNLOAD: 250 · FIELDS: 8

METHODOLOGY

How *Basecast* is built.

Basecast assembles the base population layer used as the prior for every downstream Popcast product. Block-group totals are reconciled against the decennial census and updated annually against ACS estimates.

→ Full methodology at </docs/motionworks-methods/methods-people/methods-people-base-population/>

VALIDATION

How *we audit it*.

State-level totals reconcile to within ±0.2% of the published census benchmark. Block-group estimates show a mean absolute error of 3.1% against the 5-year ACS benchmark.

→ Full validation report at </docs/popcast/basecast-validation/>

PROVENANCE

SOURCE Motionworks Basecast
 MODEL VERSION basecast-2026.1
 VINTAGE 2026-Q1
 CONFIDENCE 0.98
 SAMPLE SIZE 250 rows
 GENERATED 2026-05-16

SAMPLE DISCLAIMER

Illustrative synthetic data. Not for production use. For production data, request a sandbox API key at app2.mworks.com.

TRY IT FOR REAL

Get a sandbox API key at app2.mworks.com.

GET SANDBOX KEY →

