Economic Cohorts

KEY BENEFITS

Enables companies to

identify top customer clusters, improve communications based on economic profiles, and target new clusters with desired economic potential and tendencies

Applicable across multiple online and offline channels

Leverages our unique and proprietary household economic information (income, ability to pay, spending, and credit capacity)

Developed for use in non-FCRA applications across the customer lifecycle





Segment Households by What Matters Most – a 360° View of Household Economics

Economic Cohorts® is a breakthrough household segmentation system that leverages our unique and proprietary household economic information to segment households by what matters most – a 360° view of households' likely economics, including a more accurate and complete picture of total income, total discretionary spending, and credit capacity and usage.

Economic Cohorts is the first consumer segmentation system to provide marketers such a complete picture of the customer wallet in combination with all of the key demographic, behavioral and lifestyle attributes you expect from a first-class consumer segmentation system.

Plus, Economic Cohorts is designed to meet the unique needs of your firm. Built on our theory of "Economic Relativity", Economic Cohorts is flexible enough to ensure that it addresses the specific needs of your marketing department. It offers unmatched ability to help your firm differentiate consumers, match offers with appropriate customers and prospects, and then deliver relevant, targeted marketing messages to the right households.

By segmenting customers and prospects based on measures of household economics (income, ability to pay, spending, and credit capacity), as well as lifestage, demographics, urbanicity, and consumer behaviors, Economic Cohorts incorporates the vital visibility into a household's potential ability to spend that is generally missing from consumer segmentation products, hindering those products' performance.

Economic Cohorts integrates with your own transactional data as well as all our other household-level economic marketing products. It is available in both an online and offline version.



Economic Cohorts uniquely segments customers and prospects based on economic measures first.

Unlike Any Other Segmentation System

Money and Spending Matter

Money and spending drive consumer behavior. In any economy, but particularly in our current environment, a view of household economics is essential to understanding how and what to market to whom. Economic Cohorts uniquely segments customers and prospects based on economic measures first. It differentiates households based on our proprietary measures of total income, spending, ability to pay, and credit capacity in combination with lifestage, urbanicity, and demographics.

Unlike other segmentation solutions that rely on survey and/or Census-based data as the primary driver of their clustering methodology, Economic Cohorts is built on a foundation of proprietary economic data derived from multiple sources, including summary factors produced by our proprietary database of consumer investable assets.

One Size Does Not Fit All

Economic Cohorts was built on our belief that a successful segmentation system needs to be built on not only the best quality household economic data, solely available from Equifax, but also our concept of "Economic Relativity" — segmentation systems must be flexible and intelligent enough to cope with the specific economic and demographic factors that are meaningful to your unique brands, markets, and customers. One size simply does not fit all clients, and each client should be able to optimize their segmentation output without the burden of a completely customized solution.

Economic Cohorts allows for "on-the-fly" adjustments to segment assignments that optimize household cluster assignments for clients' specific needs, such as modifying target audiences for a specific campaign based on specific characteristics like presence of children. This dynamism gives increased control to clients in terms of determining appropriate cluster assignments and ensures the most relevant, accurate and effective data is used.

Economic Cohorts Building Blocks and Principal Inputs

Economic Cohorts is built on a unique foundation of economic data derived from multiple sources, including factors derived from our proprietary database of consumer investable assets. This powerful resource serves as one of Economic Cohorts' core components.

We use our proprietary estimates of total household income (including income from investments) and discretionary spending to segment households, as well as proprietary geographic factors that estimate population density, land use, cost-of-living and other geographic characteristics. Finally, Economic Cohorts incorporates ZIP+4 level aggregated credit data, as well as household demographics and syndicated research from leading data providers.

The Building Blocks of Economic Cohorts

Data type	Variable	Source
Economic capacity and potential	 Total income: Income from wages plus income generated from investments Discretionary spending estimate: An estimate of the amount of money a household spends beyond non-discretionary expenses Intersection of income and spending Ability to pay 	 Economic capacity measures: Income360®: Continuous household-based dollar estimate of income uncapped up to \$2.0 million DS\$™ (Discretionary Spending Dollars™): Continuous household-based dollar value estimate of spending uncapped up to \$1.2 million Ability to Pay Index™: Measure of financial ability to pay financial obligations or incur new ones
Demographics and home ownership	Mainly life-stage:Age, marital status, childrenHome ownership and value	Equifax solutions and other compiled data sources Includes 2020 projections of the 2010 Census
Credit	ZIP+4 credit summary:Number of credit accounts, credit balancesMortgage data	Equifax solutions
Geography	Geographic index framework: Town/city size, population density, neighborhood quality	Equifax proprietary geographic framework

Our Income360 income model is a unique household-level income estimate that includes both income from wages and income from investments.

The Economic Cohorts clusters are defined using a combination of the following household characteristics:

- Economic capacity: Economic Cohorts cluster assignments depend on the intersection of household income and spending, plus our measure of ability to pay. Our Income360 income model is a unique household-level income estimate that includes both income from wages and income from investments. Our DS\$ discretionary spending estimate is a modeled dollar amount that a household spends on discretionary items annually after accounting for fixed expenses of life. The intersection of these two measures, plus our ability to pay measure, helps determine cluster allocation.
- **Demographics/age:** Clusters are associated with four major age breaks: under 34 (Younger), 35-54 (Working Years), 55-64 (Pre-retirement), and 65+ (Retired). Life-cycle/lifestage, marital status, presence of children, home ownership and home value are also considered.
- Credit data: Industry-leading credit information from Equifax, anonymized and aggregated, is factored into the cluster construction.
 This includes aggregated mortgage information.
- Geographic information/urbanicity: Cluster definitions take level of household urbanicity into account.

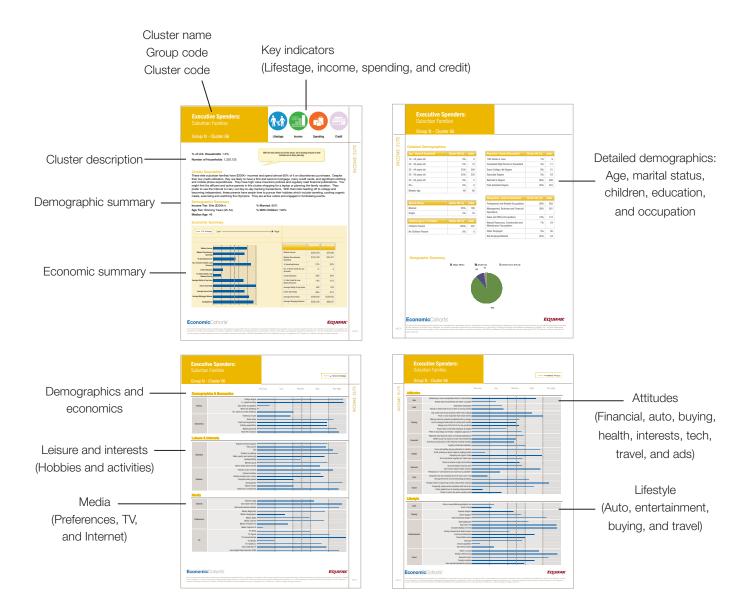
Once clusters are defined, additional descriptive data is added to each cluster:

- Consumer and media behaviors and preferences: Economic Cohorts ties to syndicated market research in order to provide marketers important information to help them better select marketing channels and strategies that will allow them to effectively reach target clusters. The types of behavioral data considered include media preferences, attitudes toward advertising, television channel preferences, Internet usage, and shopping habits.
- Attitudes and lifestyle: Economic Cohorts also ties to syndicated market research in order to provide marketers relevant information to help them better understand, speak to, and ultimately appeal to each cluster. Key attitudes and lifestyle information includes general opinions, leisure activities, health and fitness-related attitudes, and travel and entertainment patterns.

The result is a descriptive and actionable segmentation tool that helps marketers reach and interact appropriately with distinct groups of customers and prospects.

Unique Financial Metrics Included for Each Cluster

Economic Cohorts offers unique financial metrics for each of the 71 clusters. The annotated pictures below explain the various cluster profile components:



Key Applications for Economic Cohorts

Economic Cohorts could be used in a range of multi-channel applications, including your efforts to:

- Profile customers
- Prospect for new customers
- Conduct market analyses
- Identify optimal cross-sell/up-sell opportunities
- Define product strategy and distribution
- Improve CRM and loyalty efforts
- Target campaigns
- Tailor positioning, creative and messaging
- Choose marketing channels and media placement
- Maximize online ad targeting and site optimization

Economic Cohorts Deliverables

We can deliver Economic Cohorts in a way that meets your company's specific needs:

- File enhancement/coding Analyze and segment households:
 - Append your customer or prospect file with Economic Cohorts cluster codes for modeling, segmentation, and marketing campaigns
 - Includes Economic Cohorts National Profile and Cluster Profiles for each of 71 clusters

Geographic market sizing:

- Household counts by cluster and distribution of clusters for desired geographies (state, county, CBSA, block group, ZIP) delivered via Excel
- Geographic market sizing sizes, ranks, and prioritizes markets to enhance opportunity assessment, performance analysis, and resource allocation

Economic Cohorts Digital enables firms to bridge their online and offline marketing strategies.

- Online Analyze and verify online audiences and target online ads:
 - Measure and analyze site visitors through the lens of Economic Cohorts
 - Use Economic Cohorts online for real-time for instant differentiation of customers and prospects for online target marketing and site content optimization

We look forward to working with your firm to enhance your segmentation and targeting strategies. Contact us to learn more.



For more information: info.ddm@equifax.com 800.210.4323 equifax.com/DDM

At no time does Equifax obtain a VantageScore associated with any individual or household. Neither these materials nor any score range(s) provided herein may be used for purposes of determining an individual's creditworthiness or for any other purpose contemplated under the Fair Credit Reporting Act, 15 U.S.C. § 1681 et seq.

