### **STATISTA CONSUMER INSIGHTS**

# Methodology

Elements and research design

Consumer Insights by statista ✓



### Understand what drives consumers

Mission



Do you want to make business decisions based on the latest consumer information? Do you need a convincing data story for your current project? What if you could create your own analyses from a vast treasure trove of global survey data with just a few clicks in an easily accessible tool? Well, we have it all for you.

#### Understand your target groups and have a global overview

Tap into markets, track brands, and compare global and regional trends of consumer behavior. Focus on the people that matter most to you, and gain industry-specific insights on the world's most important markets. Make the right decisions and tell convincing stories based on tailored data. Understand, explore, compare, track, focus, decide, and act.

#### We give you the data and the tools to do all this and more

The Statista Consumer Insights capture attitudes, consumer behavior, and media usage of consumers worldwide, covering both the online and offline world. Up-todate, representative, comprehensive, detailed, and inclusive.

# Statista Consumer Insights stand for transparent quality from questionnaire to results

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01 Idea and contents

### **CHAPTER 01**

### Idea and contents

Every really good survey starts with a good questionnaire. Wrong, it starts way before that, with a clear idea and intelligent research design. Our concept is all about your needs, and the Statista Consumer Insights are effective, international, regional, up to date, versatile and inclusive.

- Surveys
- Reports
- Elements
- Research design
- Countries and regions

- Brands
- Inclusion



### Our surveys at a glance: Global survey, Brand KPIs and in-depth surveys

Idea and contents: surveys (1/2)

### Global Survey: Comparable data from more than 55 countries

Compare regional and global trends in worldwide consumer behavior. Select from more than 55 countries in the Global survey, each with up to 60,000 respondents per year, and find your (future) customers.

### Brand KPIs: Benchmark mark your brand against the best and the rest

In the Brand KPI survey you will find the most important KPIs for brands in Brazil, Germany, India, Mexico, the U.S., and the UK. It's the perfect tool for brand strategists, product managers, media planners and anyone who works with brands. We cover a range of topics from AI tools to frozen pizza to movie franchises.

#### **In-depth surveys**

In addition to the Global survey and Brand KPIs, access more than 25 exclusive, in-depth surveys on the most relevant industries and topics. With the Consumer Insights surveys, you gain industry-specific insights into the world's most relevant markets.



### Do you want the big picture or is the devil in the detail for you? Well, you can have both at the same time

Idea and contents: surveys (2/2)













Finance & Assets







Luxury & Counterfeiting

### **In-depth surveys**

In addition to the Global survey, we regularly conduct trend surveys in the world's most relevant markets. Coffee, ecommerce, Christmas, sports, digital advertising, pharma, beauty, football<sup>(1)</sup>, luxury, sustainability, cancel culture, pets, digital lifestyles, finance, motorbikes, toys, travel, tech giants - okay okay, you heard us, we'll stop listing already.

Our Consumer Insights surveys give you in-depth insights into trending, specialized or just generally exciting topics. These surveys usually get an update every 2 years, and more are being added all the time.



#### Digital Advertising







coffee, tea, and cocoa, Get detailed











All Consumer **Insights** surveys

# Luxury Shopping



#### Purchase Channels



### OTC & Pharmaceuticals

Sustainable Consumption

### Cybersecurity & Cloud

## **Consumer** Insights

### Case study for target group analyses: Consumer Insights reports on brands, target audiences, and countries

Idea and contents: reports















E-book shops









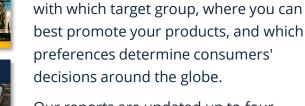












Our reports are updated up to four times a year. Don't you think so? Just click on your favorite topic on the left.

A good example of the possibilities of target group analyses and an invitation

Insights reports. Based on survey data

Find out which brand resonates best

on more than 20,000 brands and target

to storytelling are our Consumer

audiences worldwide, they bring

Consumer Insights to life.



Horror fans







Mobil carriers



E-bike owners

















Podcast listeners































# Get a quick overview or jump in at the deep end. With the various elements provided by Statista Consumer Insights, the choice is yours!

Idea and contents: Consumer Insights elements

#### **Statistics and brand profiles**

The data from our exclusive surveys are the basis for countless pages on Statista. For example, they form more than 10,000 statistics and <u>brand</u> <u>profiles</u>. Ideal for gaining a quick overview of your topic.

#### **Reports**

Covering more than 20,000 brands and target groups, our reports bring Consumer Insights to life. Find out which brand resonates best with which target group, where you can promote your products best, and which preferences drive consumer decisions.

#### Interactive tool

Our Consumer Insights Tool allows you to analyze country datasets, topics and target groups. Start your own analyses with tables or crosstabs, create your own target groups, and compare brands and trends worldwide. With our intuitive online tool and the latest data, there are no limits to your research urge.

#### Raw data

Having nothing to hide, we offer our datasets completely raw data on request for academic research and teaching. Ideal for anyone who wants to perform advanced statistical analyses or develop their own models. You have complete control over the data.









### The research design: Representative online surveys in national languages

Idea and contents: research design

#### Type of survey

- Online survey
- Interview length up to max. 20 minutes
- Global survey: Split questionnaire design

### **Population and sampling**

For the majority of our surveys, the samples are representative of the population of internet users aged 18 to 64. Our in-depth surveys sometimes have different base populations (e.g. pet owners). We use quota samples with quotas on gender, age and region<sup>(1).</sup>

#### **Sample sizes (target numbers)**

- Countries with brands in the Global survey:
   12,000+ respondents / year
- Countries without brands in the Global survey:
   2,000+ respondents / year
- Brand KPI survey and in-depth surveys:
   1,000+ respondents per topic

#### Languages

- Survey in the respective national language(s)
- English available as alternative in each case

#### **Survey periods**

- Global survey: All year <u>rolling wave</u> <u>system</u>
- All other surveys: Details on the survey periods can be found in the Consumer Insights tool under "Show survey details".

### **Updates**

- Countries with brands get four updates per year
- All other countries get at least one update per year



### Our Global survey is a truly global survey

Idea and contents: countries and regions

In the Consumer Insights Global survey, you will find survey results from more than 55 countries and regions. Compare regional and global trends in worldwide consumer behavior.

To give you maximum depth of analysis, we also survey brand usage in more than 20 countries and regions across 50 industries from the online and offline world.

Countries with brands receive four updates per year, while all other countries receive at least one update per year.

#### **Countries with brands**

- **\*\*** Australia
- Austria
- Brazil
- Canada
- China (Mainland)
- + Finland
- France
- Germany
- India
- Italy
- Japan
- Mexico
- Netherlands
- Poland
- South Africa
- South Korea
- Spain
- Sweden
- Switzerland
- ₩ United Kingdom
- United States

#### **Countries without brands**

- Argentina
- Belgium
- Chile
- Colombia
- Czechia
- **Denmark**
- Dominican Republic
- **Egypt**
- Greece
- Hong Kong
- Hungary
- Indonesia
- Ireland
- Israel
- **E** Kenya
- Lithuania
- Malaysia
- New Zealand
- Nigeria
- **H** Norway
- Pakistan

- Peru
- Philippines
- Portugal
- Romania
- Russia
- Saudi Arabia
- Serbia Serbia
- Singapore
- TaiwanThailand
- Turkey
- United Arab Emirates
- ▼ Vietnam

### Brands make markets and markets make brands

Idea and contents: brands



Brands are at the heart of consumer behavior worldwide. That's why the Consumer Insights include usage data from more than 15,000 brands for over 20 countries and regions around the globe.

#### Brand research for our Consumer Insights is collected regionally

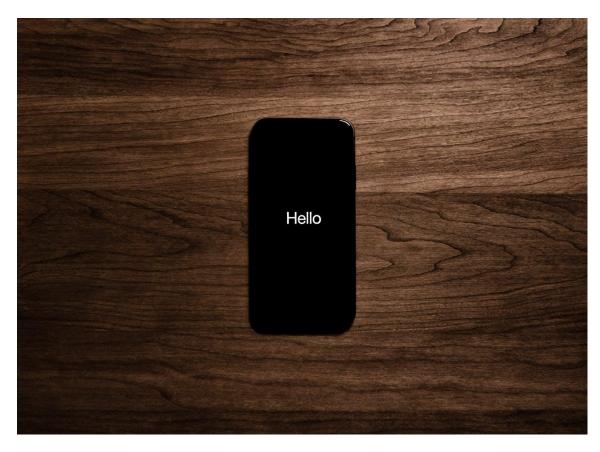
In order to provide you with the best possible, most exciting and most complete brand experience, we do not conduct the brand research for the Consumer Insights surveys entirely ourselves. Of course, we know the global megabrands and have detailed market expertise at Statista. But for the depth and sharpness with which we map local brand landscapes in the Consumer Insights, we need local knowledge. That's why we employ local experts for each country and region in which we survey brand usage, who help us to accurately capture the brand landscape of their region.

The next time you conduct a brand analysis with the Statista Consumer Insights, you know: behind it are locals, Statista's market experts, years of market research experience and intensive feedback. Our brand research is local, global and up-to-date.

Here's the full Consumer Insights brand list.

### Conviction is just one of many good reasons for inclusion

Idea and contents: inclusion (1/2)



Behind the Statista Consumer Insights is a multicultural team with diverse beliefs and orientations. In order to be on the pulse of consumers worldwide, to represent global and regional markets, and out of conviction, the Consumer Insights must be as inclusive as possible.

### Always in local language

In order to enable as many consumers as possible to participate in the survey, the questionnaire for each country is available in the respective main languages as well as in English. We conduct our surveys in a total of 39 languages. You receive accurate market analyses because all market participants are potential participants in our surveys.

### **Optimized for mobile**

We are talking about an online survey and the vast majority of internet users are mobile. To do justice to this, our surveys are optimized for mobile devices: wherever possible, no <a href="matrix/rating questions">matrix/rating questions</a> and no more than 15 possible answers to a question. This way, our results are not random, but accurate.

### Markets as they are: dynamic and colorful

Idea and contents: inclusion (2/2)



### LGBTQ+

In addition to the binary gender question, where it is legal and unproblematic for the respondents, we collect self-identification with the LGBTQ+ community, gender identity (female, male, trans female, trans male, genderqueer / genderfluid, non-binary) and sexual orientation (heterosexual, homosexual, bisexual, pansexual, asexual, queer). The world is colorful, people are colorful, markets are colorful, and consumption is colorful too.

### Migration und ethnicity

People not only move markets, but also move themselves. Migration is a global normality and in order for you to be able to accurately analyze the markets you are interested in, we collect the migration background and the country of birth of respondents in the Global survey, as well as their <u>ethnicity</u>, according to the standards of the respective official census.

### **CHAPTER 02**

## Method and data quality

What do online research and farming have in common? Meticulous fieldwork ensures an A-grade product. We guarantee the quality of our Consumer Insightes surveys' results through professional online panel service providers, a split questionnaire design, quota sampling, rolling waves, smart quality assurance, and transparent data cleaning.

- Representativeness
- Panel partners
- Quotas
- Rolling waves
- Sample sizes and error margins
- Split design
- Quality assurance



### Are the results of the Consumer Insights surveys representative?

Method and data quality: representativeness



Of course, you are not only interested in what the respondents answered in our survey, but also in whether these results can be generalized. That's the question of representativeness: Are the results a reflection of the world out there?

This is exactly the claim we have for our Consumer Insights surveys, and it starts with the wording of the <u>questionnaire</u>. Our questions strive for simple but precise language and are designed to allow respondents to answer objectively. Our <u>split</u> <u>design</u> also ensures refreshingly short survey durations, so respondents don't get tired.

The second element of a generalizable survey is a sample that is similar to the selected <u>population</u>. In the case of our surveys, this is internet users (online survey!) between the ages of 18 and 64 in each country. To ensure that the composition of our sample meets this criterion, we set <u>quotas</u> for age, gender, and region<sup>(1)</sup>. Established panel service providers put us in touch with respondents.

And in parallel to all this, we conduct ongoing meticulous <u>quality assurance</u> before, during and after the surveys.

### We use online panels to successfully conduct our online surveys

Method and data quality: panel partners



Every year, we ask more than 400,000 consumers worldwide to complete the questionnaire of our Global survey, so that we can offer you regular updates with the highest possible number of respondents. In order to do this successfully, we commission panel service providers. Our panel service providers meet the established quality assurance requirements and ethical market research principles according to standards such as <u>ESOMAR</u>, <u>MRS</u>, <u>ARF</u>, <u>MRIA</u>, <u>AMA</u> and <u>ISO 20252</u>.

### What do panel service providers do?

Panel service providers enable us market researchers to have a predefined number of people complete online surveys. We can specify selection criteria for these people, such as "52 percent female, 48 percent male". More on this in the <u>section on our quotas</u>. In addition, panel service providers offer a variety of services and tools that make it easier for us to conduct the surveys and perform quality checks at every step.

### Where do the panelists come from?

Panel service providers recruit their panelists online, through channels such as sponsored posts, advertising, or partnerships with websites. Panelists provide the panel service provider with basic personal information such as age, gender, income, marital status and more. Panelists then receive invitations to participate in matching surveys via mail or app. Once they have completed a survey, they receive a small compensation for their participation.

# Representation matters, that's why we set quotas on respondents by age and gender

Method and data quality: quotas



To guarantee that the results of the Consumer Insights surveys are representative of the online population (18 to 64 years) of a country or region, we apply quotas on age, gender and - where possible - region when selecting respondents. The quotas are based on the official census of the respective country as well as on the respective share of internet users. Our experienced quota experts combine the best available sources, such as <a href="Eurostat">Eurostat</a>, <a href="World Bank">World Bank</a>, or the <a href="International International International

To maximize the quality of our data for you, our quotas are additionally "interlocked". This means, we take into account that the distributions of age, gender, and internet usage in the individual countries and regions are not independent of each other and quote these characteristics in dependence on each other.

In line with the underlying sources, our quotas are updated annually.

### Surf Consumer Insights with the most up to date consumer data

Method and data quality: rolling waves



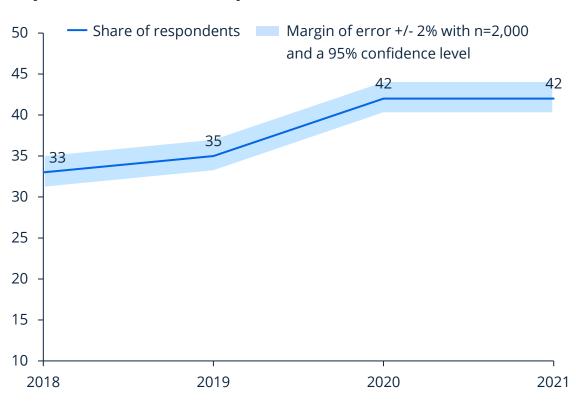
For our more than 20 countries with brands we use a survey system with rolling waves: Each update contains the interviews of the four most recent survey waves or, in other words, the interviews of the last 12 months. This ensures trend stability in your analyses and a higher number of interviews per update, allowing you to adequately evaluate smaller target groups, brands and markets.

We ensure that no respondent can participate in the survey twice within a 12-month period. Thus, there are never two interviews of the same person in one update / data set.

### Sample up - yes, size matters

Method and data quality: sample sizes and error margins

#### "I try to eat less meat", Germany, in %



Some countries and regions covered by our Global survey have up to 60,000 respondents per year, but some surveys have only 1,000. Is that enough interviews for the results to be representative? In fact, the sheer size of the <u>sample</u> has nothing to do with the <u>representativeness</u> or generalizability of the results. What is important is that the sample is as accurate a reflection as possible of the general <u>population</u>.

The sample size, on the other hand, determines how much the measured value - e.g. "42% of respondents try to eat less meat" - differs from the real value in the world out there. Here, the larger, the more accurate. The possible inaccuracy is typically referred to as the <u>margin of error</u>(1) and can be calculated.

Let's stick with the 60,000 respondents per year. This gives a margin of error of less than half a percent. In some surveys, the number of respondents is only 1,000; here, the margin of error is plus or minus 3%. In terms of accuracy, therefore, size does matter; larger is generally more accurate. For practical analyses, however, sample sizes of 1,000 and above are usually sufficiently accurate<sup>(2)</sup>.

### How long can you answer questions without getting tired?

Method and data quality: split design

All respondents	Demographics, media usage, and general consumer behavior		
Split 1	Finance & insurance	Health	
Split 2	E-Commerce & retail	Food & nutrition	
Split 3	Housing & household equipment	Internet & devices	
Split 4	Travel	Mobility	
Split 5	Media & digital media		
Split 6	Services & e-services	Marketing & social media	

### **Questionnaire splits**

The <u>questionnaire</u> of the <u>Global survey</u> is divided into topic groups. Up to two of these topic groups form a questionnaire split. Each respondent initially answers the same questions on demographics, media usage, and general consumer behavior. Additionally, each respondent answers one split.

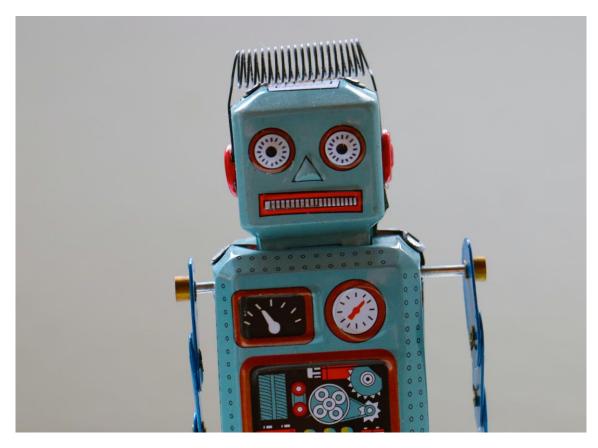
Why do we split the questionnaire? It's all about data quality: splits avoid respondent fatigue. Answering our questionnaires should take no longer than 15, maximum 20 minutes. This ensures that all questions are answered with the same attention. Only in this way do all answers to all questions have the same validity. If a respondent answered all questions from all splits, large parts of the results would be qualitatively questionable, which is why we don't make any compromises here.

#### Do splits affect possible cross-tabulation?

Yes. Questions can only be cross-tabulated within the same split. The good news is: You can cross-tab questions from demographics, media usage, and general consumer behavior with all splits. Same goes for <u>target group analyses</u>.

### The Consumer Insights offer a lot of everything, but most of all quality

Method and data quality: quality assurance (1/3)



A complex data project like the Consumer Insights requires smart, effective quality assurance measures. And in our case, these take effect during the selection of respondents, during fieldwork, and then once again during data cleaning.

### Quality assurance during the selection of respondents

It goes without saying that our panel service providers comply with common quality norms and standards such as <u>ESOMAR</u>, <u>MRS</u>, <u>ARF</u>, <u>MRIA</u>, <u>AMA</u> and <u>ISO 20252</u>. In addition, our service providers employ a range of technical measures to effectively detect and prevent fraudulent behavior - such as the use of the notorious bots. This includes digital "fingerprinting" just as much as IP address checking. In addition, a number of proprietary security solutions are employed, including <u>RelevantID®</u>, <u>MaxMind</u>, <u>Firehol</u>, <u>reCAPTCHA</u> and <u>SmartyStreets</u>. This is how we make sure that behind every interview in our surveys there is a real consumer. Too bad, bots!

### Slow and steady wins the race

Method and data quality: quality assurance (2/3)



### **Quality controls during the survey**

Bots can be cute, but we really don't want them in our survey. For a second bot check during the survey, for example, we use "input questions" and check the answers for bot-typical patterns.

But we also check that our human participants fill out the survey truthfully and attentively. First, we screen out all participants who finish answering the questionnaire too quickly, the so-called "speeders". The lower limit is 40% of the median interview length of all respondents in the previous waves.

During the questionnaire, we then check respondents' attention using test questions. Also, we build in consistency checks: We ask certain questions a second time at a different point in the questionnaire and then expect the same answer twice.

Within the responses, we also check for clustered occurrences of traits that tend to be rare in the population and sort out respondents with conspicuous response behavior.

### Everyone loves the crime scene cleaner

Method and data quality: quality assurance (3/3)



#### **Quality assurance during data cleaning**

Some people are only too happy to let the cleaning of the collected <u>data</u> go by the wayside. But not us. Here you can find out what criteria we apply to clean the Consumer Insights data.

Our main criterion is the consistency of your evaluations: Your cross-tabulations and target group analyses should be free of contradictions. In complex studies, it can happen that participants contradict themselves. For example, when asked about the mobility services they use, they state that they use car sharing. A little later, they are asked which car sharing brands they use, and answer "I don't use car sharing".

We then correct the first answer to match the second, because the respondent also corrected themselves – perhaps they confused car sharing with ride sharing and only realized this from the list of brands.

If respondents contradict themselves too often, we remove their answers from the data set. This rarely happens, and that in turn speaks for the quality of respondents and our questionnaires.

### **CHAPTER 03**

## From data to insights

Data is one thing, what you make out of it is another. There are hundreds of thousands of stories and data-driven decision aids waiting for you to discover in the Consumer Insights. Here are some little helpers to assist you in discovering, analyzing, and storytelling.

- Use cases
- Target groups
- Recodes
- Typologies
- Income quantiles
- Index

- Total share of all respondents
- Raw data



### How we can empower you with our consumer data

From data to insights: use cases



# Target group evaluations are what you want when you reach limits with crosstabs

From data to insights: target groups (1/2)



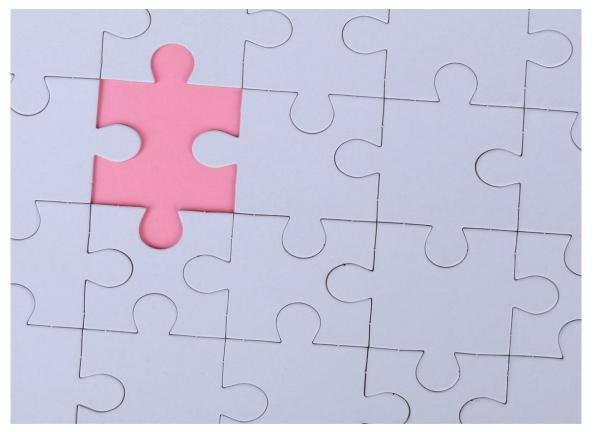
Whenever you want to analyze a specific population group in detail in the Consumer Insightstool, you have at least two options: crosstabs and target groups. For inspiring and informative crosstabs, items like the <u>innovator classes</u> are ideal, but you can of course cross-tabulate with all items to your heart's content. The only limit here are splits.

#### Want more than an overview? Well our target group function is for you!

While crosstabs are excellent for giving you a quick overview of a topic based on a more basic differentiation (e.g. most popular video game genres by gender<sup>(1)</sup>), detailed target groups allow for a consumer-analytical insights deep dive. Whether it's the most important values of millennials in the United States, the best marketing touchpoints for high-earners in Germany, or the most popular dating apps among trendy-savvy Douyin users in China - demographic target groups can be applied to all splits in the Consumer Insights tool, while target groups from the topic splits can be applied within the same split. That's why our splits are smartly set.

### Good to know: How to link characteristics within target groups

From data to insights: target groups (2/2)



You can fully customize, name and save your target groups for future use in the Consumer Insights tool by using the target group editor. When you select multiple characteristics to define your customized target group, the following operations are performed:

#### Two characteristics from the same item are combined with "or"

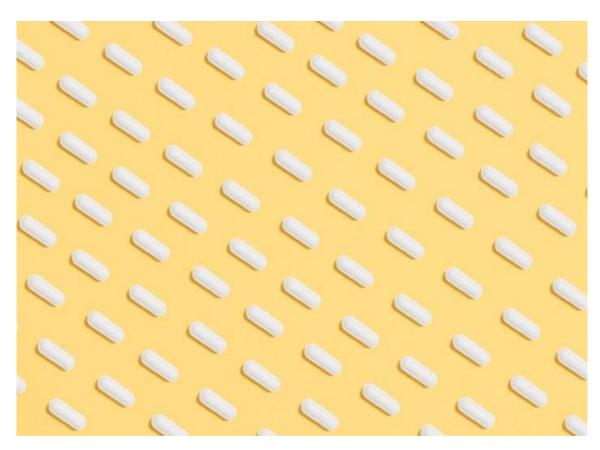
If you select the answers "Apple" and "Samsung" from the question "What brand is your smartphone from?" in the target group editor, your target group will contain all people whose phone is from Apple **or** from Samsung.

#### Two characteristics from different items are combined with "and"

In the target group editor, if you select "Apple" from the smartphone brand question and "T-Mobile" from the mobile carrier question, your target group will contain all people whose phone is from Apple **and** whose mobile carrier is T-Mobile.

# Lost in Consumer Insights? Our recodes provide structure and help you to recognize patterns

From data to insights: recodes



As of 2023, our Consumer Insights surveys comprise more than 2 million interviews - it's clear that sometimes it's not easy to find sweet insights in the data candy shop. To make it easier, our Global survey contains more than 600 recodes.

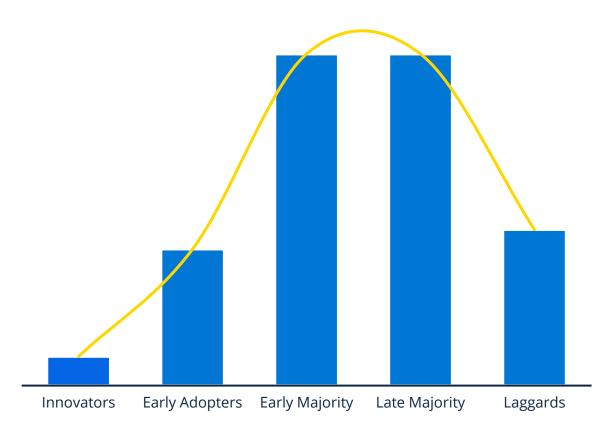
Recodes usually sum up information that is distributed among different answers within an item. For example, "Age (generations)" is a recode based on the age of the respondent.

In more abstract terms, recodes turn implicit information into explicit information: the information about whether someone is an online shopper is implicit in the answers to the question "Which of these things have you bought online in the last 12 months?". The recode "Online shopper" (Yes/No) makes that information explicit.

This is useful for you, because many ideas for which you would otherwise build target groups can be found in the recodes for direct use.

### The early bird catches the worm

From data to insights: typologies



Among your friends, are you always at the forefront of testing the next big thing? In 2015, someone said to you "You have a nice smartwatch"? Then you probably belong to the group of innovators. Or at least to the early adopters.

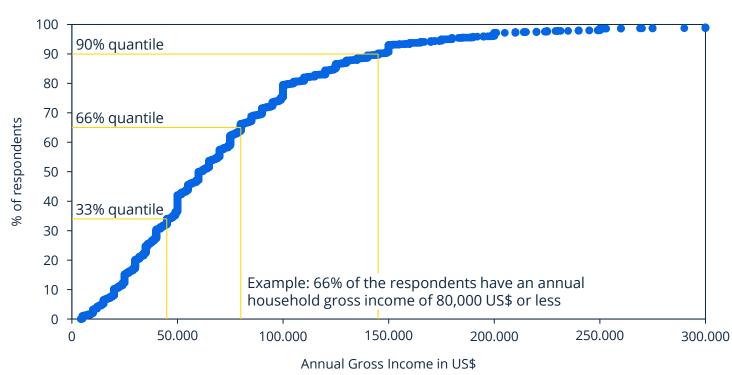
in order to provide you with an innovator typology in our Global survey, we assign all respondents to the classes of the <u>diffusion of innovations theory</u> on the basis of a number of questions relating to the topic of innovation. And in which class are there probably the most smartwatch owners? Right.

But would you also know which social media channels are used most frequently by innovators and early adopters? Or which challenges this group finds particularly urgent for their country? Just take a look - it's only a few clicks away in the Consumer Insights tool.

### Money is (not) a matter of class

From data to insights: income quantiles

#### Empirical Cumulative <u>Distribution Function</u> (ECDF) of the incomes in the U.S. (1)



The Consumer Insights are about consumption behavior, and thus, of course, also about money. Our questionnaire therefore includes an open-ended, numerical question on households' annual gross income in local currency<sup>(2)</sup>. Respondents who do not wish to report their income we ask to choose one of several categories, which vary from country to country.

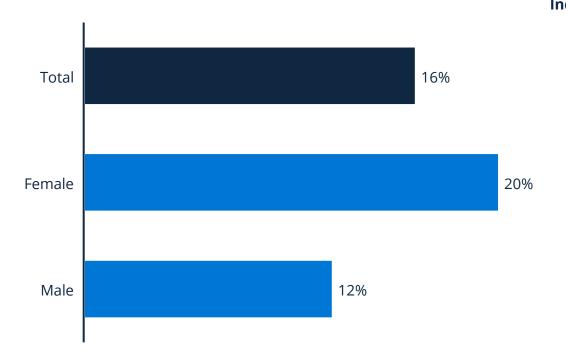
We have defined the three income classes "low", "medium" and "high" using the concept of quantiles, namely the 33 percent and 66 percent quantiles. We categorize income into three groups, a lower third, a middle third and an upper third. Accordingly, all groups have the same number of respondents, namely 33 percent of all respondents.

# To affinity and beyond: using the index function to find out what makes a target group tick

From data to insights: index

#### Attitudes towards healthcare, Germany, 2021

"I prefer alternative healing methods to conventional medicine"



The affinity index is a concept from media planning. It is used there to select the optimal advertising media for a target group, but the index can be used in many ways. Which statements does my target group agree with more often than others?

Index Which brands and which media do they use more often? To answer questions like these as simply as possible, you can activate an index column in the Consumer Inside tool for crosstabs.

#### 100 How does the index work?

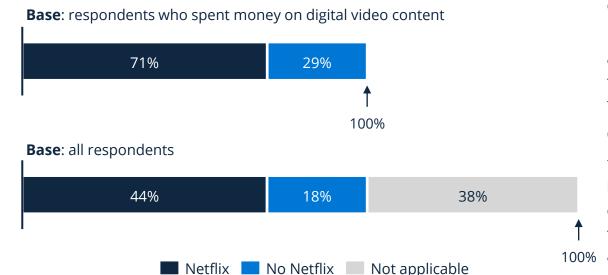
The index value is a measure of the relevance a survey item has for a target group. In the Consumer Insights tool, it is calculated from the column value compared to Total. Example: In Germany, 16 percent of all respondents agree with the statement "I prefer alternative healing methods to conventional medicine". Among women it is 20 percent. This gives them an index of 125, which means that among the people who agree with this statement, women are overrepresented by 25% compared to all internet users.

By the way: Index and sorting function are an unbeatable duo. Why not sort by index and see where your target group is particularly strongly represented?

### Would you like a little more? Calculate tables with and without filters

From data to insights: total share of all respondents





Not everyone should be asked every question. This is just as true in a survey as it is in real life. That's why we use so-called filters: we hide some questions if a respondent can't answer them meaningfully. For example, we only ask car owners about their car make, only gamers about their favorite genres in video games and only parents about the age of their children.

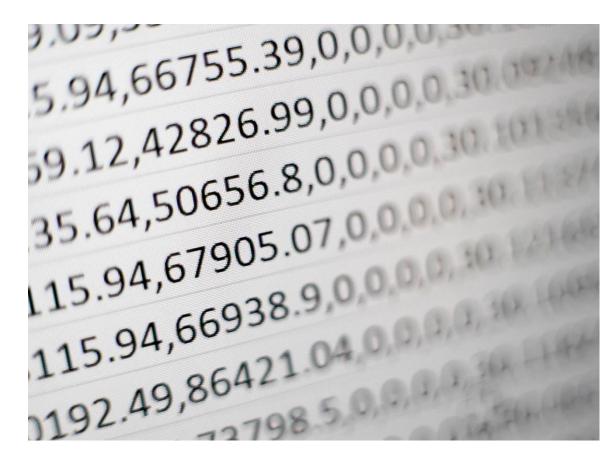
For example, 71 percent of the video streaming customers surveyed say they have a paid subscription to Netflix. Under each question we write exactly which base we took. In this case, it is all those who have spent money on digital video content in the last 12 months.

### **Calculating with extended base**

71 percent of video streaming customers in Germany are on Netflix? That sounds like a lot. How high is the share of all German internet users who use Netflix? You can get the answer to this question by activating "Total share of all respondents" in the analysis options. The tool then calculates the values in relation to the share of all respondents, not just the ones who answered the question. We see: 44% of German internet users have a Netflix subscription.

### We give you deep insights, with raw data

From data to insights: raw data



We are particularly proud of our quality controls and our data cleaning. So proud, in fact, that we let you look really deep into the data: Upon request, we also provide interested parties with the raw data from our surveys, the datasets that form the backbone of the Statista Consumer Insights.

All raw respondent-level data sets are 1:1 as we use them in the Consumer Insights. Analyses of this data provide exactly the same results as the Consumer Insights tool, but with greater depth and even more possibilities.

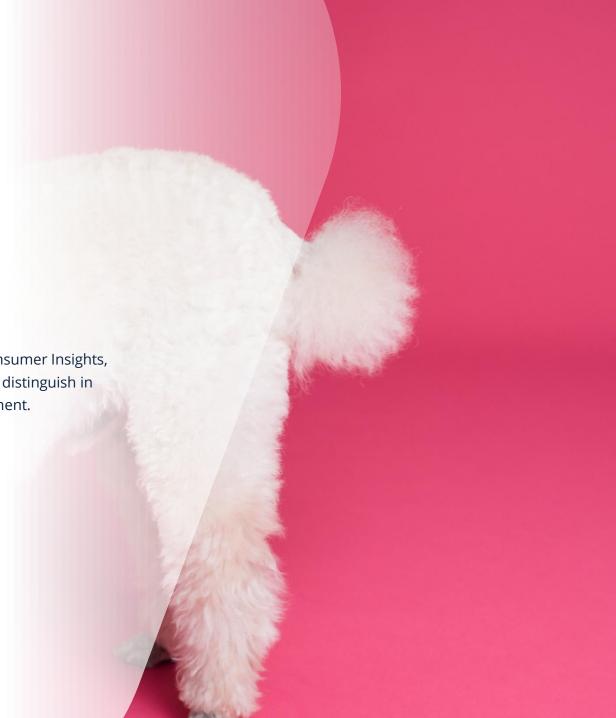
While the Consumer Insights tool already enables individual analyses, the raw data opens the doors to a whole range of sophisticated statistical procedures. If keywords like data fusion, target group segmentations and causal analytical models give you goosebumps, get in touch with us.

### **CHAPTER 04**

# First things last: appendix

Here you will find answers to the most frequently asked questions about the Statista Consumer Insights, as well as some links that we encourage you to visit. We also show you which regions we distinguish in each of the countries we survey and where we got all the beautiful pictures in this document.

- FAQ
- Important links
- Countries & regions
- Image credits



### Questions and answers – general

Appendix: FAQ (1/7)

## Who has access to Consumer Insights?

The Consumer Insights can be booked as an upgrade to our Statista accounts for corporate customers, as well as a stand-alone product. Please <u>ask us about the available options</u>.

If you already have an account, log in to the Statista platform as usual, and <u>click</u> <u>here to access the Consumer Insights</u>.

## What topics are covered by the Consumer Insights?

Our Consumer Insights Global survey contains exclusive data on more than 500 industries and topics. Get an overview of the topics. Our Global survey's questionnaire gives even more details.

Our topic-specific <u>in-depth surveys</u> may also be of interest to you. You can view the individual questionnaires in the respective study under "Show survey details".

#### Can I download the data?

You can easily download your individual analyses as CSV files, PowerPoint presentations or PNG image, and start working with them immediately.

## What surveys and updates are planned?

We update the data for countries with brands with new interviews four times a year. All other countries of the Global survey receive at least one update per year. In addition, we continuously publish topic-specific in-depth surveys. An overview of planned surveys and updates can be found in our release calendar.

### Questions and answers – data & methodology

Appendix: FAQ (2/7)

## What are the sources of the Consumer Insights?

The Consumer Insights data comes from worldwide online surveys conducted exclusively by Statista.

#### Who is asked as part of the survey?

The Consumer Insights contain interview data from respondents worldwide. Participation requires internet access and registration for online survey participation with one of our supplying panels.

#### When are the interviews conducted?

The data for countries with brands is collected on an ongoing basis and published once a quarter.

Surveys for countries with the basic version of the survey (countries without brands) take place in the first half of each year.

The exact survey periods for each individual data set can be found in the Consumer Insights tool under "View survey details".

#### Can I get the raw data?

We offer respondent-level data ("raw data") from our Global survey independently of our online tool.

When you get raw data from us, you get exactly what we use on the platform. The data has gone through the same quality controls, and analytics deliver exactly the same results as the platform, but with more depth and much more possibilities.

If you are interested in this offer, you are a professional. Here's more <u>information</u> <u>about our raw data</u>. We look forward to hearing from you.

## Are the Consumer Insights survey results representative?

Short answer: Yes.

More elaborate answer here.

To ensure the Consumer Insights surveys are representative for internet users in each individual country, we set quotas for age, gender and - where possible - region of the respondents.

You can find out <u>more about our quotas</u> <u>here</u>.

## Questions and answers – data & methodology

Appendix: FAQ (3/7)

## How does the rolling wave system work in detail?

For countries and regions with brands, the Global survey employs a rolling survey system with <u>several survey</u> waves per year.

The most recent dataset contains all interviews from the last 12 months. Update 1 for 2019 deviates somewhat from the norm, as this was the first year in which we applied this system.

The system of rolling waves provides trend stability and a higher number of interviews available for analysis.

And we are in illustrious company: other major consumer studies (e.g. Kantar TGI, b4p, AWA, MACH Consumer, etc.) also use this principle and sometimes even combine two survey years.

What's the advantage for you? You can analyze smaller target groups, media and brands in detail.

In order for you to still have full transparency and also be able to analyze short-term trends, we provide the survey item "Survey period", that holds the exact time of when an interview was conducted. You can use this information in crosstabs and when creating target groups.

## How often can respondents take the survey?

Respondents are invited to our survey by our panel providers and can participate at most once every 12 months. This way, we guarantee that no respondent appears twice in any dataset.

### Questions and answers – questionnaire & definitions

Appendix: FAQ (4/7)

# What does it mean when the term "regularly" is used in the questionnaire?

In the vast majority of questions, we specify very specific time periods, so the questions leave little room for interpretation.

In a few cases, we intentionally use more general terms such as "regularly" when we anticipate that more precise information would be difficult for respondents to provide. In such cases, we do not further define the term "regular" but leave the interpretation to the respondents' self-assessment.

Examples include questions such as "Where do you regularly buy food and products for everyday use?" or "What kinds of social media do you use regularly?"

# The legal drinking age is over 18 in some countries - how can I be sure that respondents in my analysis can drink legally?

Alcohol-related questions and answers are only displayed in our survey to people who have reached the legal age for alcohol consumption in the respective country. In the United States, these questions therefore only include people who are 21 years and older, for example.

By the way, this is exactly how we do it with the legal age for tobacco consumption.

## How are terms and topics defined in the questionnaire?

We do not give respondents any additional definition. The questions and answers are asked as indicated in the questionnaire. For topics that could be ambiguous, we provide examples in the questionnaire or narrow down what the question refers to.

# What do "single-pick" and "multi-pick" mean?

We use the term "single-pick" for questions in which respondents can give only one answer, for example, "What is the highest level of education you have completed?"

"Multi-pick" are questions where multiple answers are possible, for example, "Which search engines have you used in the past 4 weeks?"

The complete response shares of a single-pick question add up to 100 percent. The response shares of a multipick question usually add up to more than 100 percent.

## Questions and answers – questionnaire & definitions

Appendix: FAQ (5/7)

## How are the ethnic backgrounds surveyed?

We have researched in depth what is considered a common and appropriate way in each country to ascribe ethnicity to the local population and ask them about it. Since this is a sensitive issue or even illegal in some countries and is handled very differently around the globe, the list of answers may also vary greatly from country to country.

For each ethnicity question, we offer "Other" as an answering option.

In this way, respondents who do not classify themselves as belonging to any of the listed options are also taken into account. Additionally, we recode all ethnicities that account for less than 1 percent as "Other".

#### How are the ethnic groups defined?

When asked about ethnicity, respondents are asked to self-identify with the category they feel best describes them. We do not give respondents additional definitions. The questions and answers are asked as they appear in the questionnaire.

#### How do you define innovators?

The categories "Innovator" etc. refer to the item "Attitudes towards innovation". We have six statements in this item, one of which is negative ("I buy new technologies only if they are proven") and must be negated for the respondent to be classified as an innovator.

Based on the number of selected answers, the respondents are classified into these categories:

- 1 Innovators
- 2 Early Adopters
- 3 Early Majority

- 4 Late Majority
- 5 Laggards

Respondents must have selected at least 5 of the 6 answers to be counted as innovators. The remaining categories are assigned based on the number of answers selected.

### Questions and answers – questionnaire & definitions

Appendix: FAQ (6/7)

## How are the shopper typologies in the Global survey built?

The shopper typologies are recodes based on respondents' answers on brand awareness, price awareness and luxury/premium product orientation in 14 categories of products and services. Accordingly, the shopper typologies are only available for the countries in which we also survey brands.

We have identified the following shopper types for you:

- Brand conscious: brand-conscious, but without price or luxury/premium consciousness
- Price optimizing: Price-conscious, but without brand or luxury/premium consciousness
- Luxury shopper: luxury conscious, or brand and luxury conscious
- Smart shopper: both price and brand conscious
- Smart premium Shopper: price and luxury conscious, or price, brand and luxury conscious

### Questions and answers – technical & support

Appendix: FAQ (7/7)

## Can data from different countries be compared directly?

The methodological comparability of the data for individual countries is always guaranteed. For a direct comparison of individual indicators, click on "Compare" in your analysis. In the new window, you can add as many countries and time points to your analysis as you wish.

# Who can I contact if I have questions about the content of Statista Consumer Insights?

For all support requests, please contact our <u>customer service</u>. Your request will be forwarded directly to the analysts and experts in our team, who will be able to provide you with comprehensive information on your request.

# Who can I contact if I have technical questions about the Consumer Inshts?

If you are having trouble logging into the Consumer Insights tool, please make sure you have Consumer Insights access and are logged into the Statista platform as usual. Only then will you have unrestricted access to all our exclusive data.

For all other technical support requests, please contact our <u>customer service</u>. Your request will be forwarded directly to the responsible IT experts, who will solve all technical problems as quickly as possible.

# Here you will find links to Consumer Insights publications, the brand list, and the Global survey questionnaire in 39 languages

Appendix: important Consumer Insights links

Consumer Insights	Questionnaire	<u>Greek</u>	Portuguese (Brazilian)
Consumer Insights at statista.com	<u>Arabic</u>	<u>Hausa</u>	Romanian
Consumer Insights on LinkedIn in	<u>Cantonese</u>	<u>Hebrew</u>	Russian
Consumer Insights release calendar	Chinese (traditional)	<u>Hindi</u>	<u>Serbian</u>
Consumer Insights list of brands	Chinese (simplified)	<u>Hungarian</u>	<u>Spanish</u>
Additional content from the	<u>Czech</u>	<u>Indonesian</u>	<u>Swahili</u>
Consumer Insithgs	<u>Danish</u>	<u>Italian</u>	<u>Swedish</u>
Consumer Insights reports	<u>Dutch</u>	<u>Japanese</u>	<u>Thai</u>
Consumer Insights statistics	English (American)	<u>Korean</u>	<u>Turkish</u>
	English (British)	<u>Lithuanian</u>	<u>Urdu</u>
	<u>Filipino</u>	Malay	<u>Vietnamese</u>
	<u>Finnish</u>	Norwegian	<u>Zulu</u>
	<u>French</u>	<u>Polish</u>	
	German	<u>Portuguese</u>	

#### North & South America

Appendix: countries & regions (1/10)

Argentina	Brazil	Canada	Chile	Colombia	Dominican Republic
<ul> <li>Cuyo: La Rioja, Mendoza, San Juan, San Luis</li> <li>Gran Chaco: Chaco, Formosa, Santiago del Estero</li> <li>Mesopotamia: Corrientes, Entre Ríos, Misiones</li> <li>Noroeste Argentino: Catamarca, Jujuy, Salta, Tucumán</li> <li>Pampas: Buenos Aires, Córdoba, Distrito Federal, La Pampa, Santa Fe</li> <li>Patagonia: Chubut, Neuquén, Río Negro, Santa Cruz, Tierra del Fuego</li> </ul>	<ul> <li>North: Acre, Amapá, Amazonas, Pará, Rondônia, Roraima, Tocantins</li> <li>Northeast: Alagoas, Bahia, Ceará, Maranhão, Paraíba, Pernambuco, Piauí, Rio Grande do Norte, Sergipe</li> <li>Centra-West: Goiás, Mato Grosso, Mato Grosso do Sul, Distrito Federal</li> <li>Southeast: Espírito Santo, Minas Gerais, Rio de Janeiro, São Paulo</li> <li>South: Paraná, Rio Grande do Sul, Santa Catarina</li> </ul>	West: Alberta, British Columbia, Manitoba, Saskatchewan     East: New Brunswick, Newfoundland and Labrador, Nova Scotia, Ontario, Prince Edward Island, Quebec	<ul> <li>Central: Araucanía, Biobío Region, Coquimbo Region, Libertador General Bernardo O'Higgins Region, Los Ríos Region, Maule Region, Ñuble Region, Santiago Metropolitan Region, Valparaíso Region</li> <li>North: Antofagasta Region, Arica and Parinacota Region, Atacama Region, Tarapacá Region</li> <li>South: Aysén del General Carlos Ibáñez del Campo Region, Los Lagos Region, Region of Magallanes</li> </ul>	<ul> <li>Central: Bogotá, Caldas, Cundinamarca, Meta, Quindío, Risaralda, Tolima</li> <li>East: Arauca, Casanare, Guainía, Vichad, Vichada</li> <li>North: Atlántico, Bolívar, Córdoba, Magdalena, Sucre</li> <li>North East: Boyacá, Cesar, La Guajira, Norte de Santander, Santander</li> <li>North West: Antioquia, San Andres, Providencia and Santa Catalina</li> <li>South: Amazonas, Caquetá</li> <li>South East: Guaviare, Vaupés</li> <li>South West: Cauca, Huila, Nariño, Putumayo</li> <li>West: Chocó, Valle del Cauca</li> </ul>	North: Cibao, Este     South: Sur

#### North & South America

Appendix: countries & regions (2/10)

Mexico	Peru	United States (detailed)	United States (short)
<ul> <li>Northwest: Baja California, Baja California Sur, Chihuahua, Durango, Sinaloa, Sonora</li> <li>North-Central: Aguascalientes, Guanajuato, Querétaro, San Luis Potosí, Zacatecas</li> <li>Northeast: Coahuila, Nuevo León, Tamaulipas</li> <li>East: Hidalgo, Puebla, Tlaxcala, Veracruz</li> <li>Southeast: Campeche, Quintana Roo, Tabasco, Yucatán</li> <li>South- Central: México, México-City, Morelos</li> <li>Southwest: Chiapas, Guerrero, Oaxaca</li> <li>West: Colima, Jalisco, Michoacán, Nayarit</li> </ul>	<ul> <li>Central: Áncash Region, Callao Region, Huánuco Region, Junín Region, Lima Region, Pasco Region, Ucayali Region</li> <li>North: Amazonas Region, Cajamarca Region, La Libertad Region, Lambayeque Region, Loreto Region, Piura Region, San Martín Region, Tumbes Region</li> <li>South: Apurímac Region, Arequipa Region, Ayacucho Region, Cusco Region, Department of Tacna, Huancavelica Region, Ica Region, Madre de Dios Region, Moquegua Region, Puno Region</li> </ul>	<ul> <li>New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont</li> <li>Mid-Atlantic: New Jersey, New York, Pennsylvania</li> <li>East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin</li> <li>West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota</li> <li>South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia</li> <li>East South Central: Alabama, Kentucky, Mississippi, Tennessee</li> <li>West South Central: Arkansas, Louisiana, Oklahoma, Texas</li> <li>Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming</li> <li>Pacific: Alaska, California, Hawaii, Oregon, Washington</li> </ul>	<ul> <li>Northeast: Connecticut, Maine,         Massachusetts, New Hampshire, New Jersey,         New York, Pennsylvania, Rhode Island,         Vermont</li> <li>Midwest: Illinois, Indiana, Iowa, Kansas,         Michigan, Minnesota, Missouri, Nebraska,         North Dakota, Ohio, South Dakota,         Wisconsin</li> <li>South: Alabama, Arkansas, Delaware, District         of Columbia, Florida, Georgia, Kentucky,         Louisiana, Maryland, Mississippi, North         Carolina, Oklahoma, South Carolina,         Tennessee, Texas, Virginia, West Virginia</li> <li>West: Alaska, Arizona, California, Colorado,         Hawaii, Idaho, Montana, Nevada, New         Mexico, Oregon, Utah, Washington, Wyoming</li> </ul>

Appendix: countries & regions (3/10)

Austria	Belgium	Czechia	Denmark	Finland
<ul> <li>West: Oberösterreich, Salzburg, Tirol, Vorarlberg</li> <li>South: Kärnten, Steiermark</li> <li>East: Burgenland, Niederösterreich, Wien</li> </ul>	Flanders: Antwerp, East Flanders, Flemish Brabant, Limburg, West Flanders     Wallonia: Hainaut, Liège, Luxembourg, Namur, Walloon Brabant	<ul> <li>East: Hradec Králové Region,         Moravian-Silesian Region,         Olomouc Region, Pardubice         Region, South Moravian Region,         Vysočina Region, Zlín Region</li> <li>West: Central Bohemian Region,         Karlovy Vary Region, Liberec         Region, Plzeň Region, Prague,         South Bohemian Region, Ústí nad         Labem Region</li> </ul>	<ul> <li>Hovedstaden: Bornholm,         Copenhagen City, Copenhagen         surroundings, North Zealand</li> <li>Midtjylland: East Jutland, West         Jutland</li> <li>Nordjylland: North Jutland</li> <li>Sjælland: East Zealand, West &amp;         South Zealand</li> <li>Syddanmark: Funen, South         Jutland</li> </ul>	<ul> <li>Central: Central Finland, Northern Savonia, Pirkanmaa</li> <li>East: Kainuu, North Karelia</li> <li>North: Lapland, Northern Ostrobothnia</li> <li>South: Åland Islands, Päijänne Tavastia, Tavastia Proper, Uusimaa</li> <li>South East: Kymenlaakso, South Karelia, Southern Savonia</li> <li>South West: Satakunta, Southwest Finland</li> <li>West: Central Ostrobothnia, Ostrobothnia, Southern Ostrobothnia</li> </ul>

Appendix: countries & regions (4/10)

France G	Germany	Greece	Hungary	Ireland	Italy
<ul> <li>North: Hauts-de-France, Normandie,</li> <li>Île-de-France: Île-de-France</li> <li>Central: Centre-Val de Loire</li> <li>West: Bretagne, Pays de la Loire</li> <li>East: Bourgogne-Franche-Comté, Grand Est</li> <li>South: Auvergne-Rhône-Alpes, Corse, Nouvelle-Aquitaine, Occitanie, Provence-Alpes-Côte d'Azur</li> </ul>	North: Bremen, Hamburg, Niedersachsen, Schleswig- Holstein West: North Rhine- Westphalia, Rhineland- Palatinate, Saarland East: Berlin, Brandenburg, Mecklenburg-Vorpommern, Saxony, Lower Saxony, Thuringia South: Baden- Württemberg, Bavaria, Hessen	<ul> <li>Central: Attica Region,         Central Greece Region,         Peloponnese region,         Western Greece Region</li> <li>North: Central Macedonia,         Eastern Macedonia and         Thrace, Epirus, Ionian         Islands Region, North         Aegean, Thessaly, Western         Macedonia</li> <li>South: Crete, South Aegean</li> </ul>	<ul> <li>Central Hungary:         Budapest, Pest</li> <li>Central Transdanubia:         Fejér, Komárom-Esztergom,         Veszprém</li> <li>Northern Great Plain:         Hajdú-Bihar, Jász-Nagykun-Szolnok, Szabolcs-Szatmár-Bereg</li> <li>Northern Hungary:         Borsod-Abaúj-Zemplén,         Heves, Nógrád</li> <li>Southern Great Plain:         Bács-Kiskun, Békés,         Csongrád</li> <li>Southern Transdanubia:         Baranya, Somogy, Tolna</li> <li>Western Transdanubia:         Győr-Moson-Sopron, Vas,         Zala</li> </ul>	<ul> <li>Connacht: Galway, Galway         City, Leitrim, Mayo,         Roscommon, Sligo</li> <li>Leinster: Carlow, Dublin         City, Dún Laoghaire-         Rathdown, Fingal, Kildare,         Kilkenny, Laois, Longford,         Louth, Meath, Offaly, South         Dublin, Westmeath,         Wexford, Wicklow</li> <li>Munster: Clare, Cork, Cork         City, Kerry, Limerick,         Tipperary, Waterford</li> <li>Ulster: Cavan, Donegal,         Monaghan</li> </ul>	<ul> <li>Northwest: Aosta Valley, Liguria, Lombardy, Piedmont</li> <li>Northeast: Emilia- Romagna, Friuli-Venezia Giulia, Trentino-Alto Adige / Südtirol, Veneto</li> <li>Central: Lazio, Marche, Tuscany, Umbria</li> <li>South: Abruzzo, Apulia, Basilicata, Calabria, Campania, Molise</li> <li>Islands: Sardinia, Sicily</li> </ul>

Appendix: countries & regions (5/10)

Lithuania Netherlands	Norway	Poland	Portugal	Romania	Russia
<ul> <li>North East:         <ul> <li>Panevěžys County, Utena County</li> <li>North West: Klaipėda County, Šiauliai County, Tauragė County, Telšiai County</li> <li>South: Alytus County, Kaunas County, Marijampolė County, Vilnius County</li> </ul> </li> <li>North: Drenthe, Friesland, Groningen</li> <li>East: Flevoland, Gelderland, Overijssel</li> <li>West: North Holland, South Holland, South Holland, Utrecht, Zeeland</li> <li>South: Limburg, North Brabant</li> </ul>	<ul> <li>East: Akershus,         Buskerud, Hedmark,         Oppland, Oslo,         Østfold, Telemark,         Vestfold</li> <li>North: Finnmark,         Northland, Troms</li> <li>South: East Agder,         West Agder</li> <li>Trøndelag: Trøndelag</li> <li>West: Hordaland,         Møre and Romsdal,         Rogaland, Sogn and         Fjordane</li> </ul>	<ul> <li>North: Kuyavia-Pomerania, Pomerania, Pomerania, Warmia-Masuria</li> <li>Northwest: Greater Poland, Lubusz, West Pomerania</li> <li>Southwest: Lower-Silesia, Opole</li> <li>South: Lesser Poland, Silesia</li> <li>Central: Łódź, Masovia</li> <li>East: Holy Cross Province, Lublin, Podlaskie, Subcarpathia</li> </ul>	Alentejo: Beja, Évora, Portalegra, Santarém, Setúbal     Algarve: Faro     Central: Aveiro, Castelo Branco, Coimbra, Guarda, Leiria, Viseu     Lisbon: Lisbon     North: Braga, Bragança, Porto, Viana do Castelo, Vila Real	<ul> <li>București - Ilfov:         Bucharest, Ilfov</li> <li>Central: Alba, Brașov,         Covasna, Harghita,         Mureș, Sibiu</li> <li>North East: Bacău,         Botoșani, Iași, Neamţ,         Suceava, Vaslui</li> <li>North West: Bihor,         Bistriţa-Năsăud, Cluj,         Maramureș, Sălaj, Satu         Mare</li> <li>South - Muntenia: Argeș,         Călărași, Dâmboviţa,         Giurgiu, Ialomiţa,         Prahova, Teleorman</li> <li>South East: Brăila,         Buzău, Constanţa, Galaţi,         Tulcea, Vrancea</li> <li>South-West Oltenia:         Dolj, Gorj, Mehedinţi, Olt,         Vâlcea</li> <li>West: Arad, Caraș-         Severin, Hunedoara,         Timiş</li> </ul>	East: Far East, Siberia     West: Central, North Caucasus, North-West, South Ural, Volga

Appendix: countries & regions (6/10)

Serbia Spain	Sweden	Switzerland	Turkey	United Kingdom
<ul> <li>North: Vojvodina</li> <li>South East: Southern and Eastern Serbia</li> <li>West: Šumadija and Western Serbia</li> <li>Communication Communication Communication</li></ul>	Andalusia, Region of Lappland, Medelpad, Ceuta, Melilla Norrbotten, Västerbotten	<ul> <li>Central: Luzern,         Nidwalden, Obwalden,         Schwyz, Uri, Zug</li> <li>East: Appenzell         Ausserrhoden, Appenzell         Innerrhoden, Glarus,         Graubünden, Schaffhausen,         St. Gallen, Thurgau</li> <li>Espace Mittelland: Bern,         Fribourg, Jura, Neuchâtel,         Solothurn</li> <li>Lake Geneva: Geneva,         Valais, Vaud</li> <li>Nord West: Aargau, Basel-         Landschaft, Basel-Stadt</li> <li>Ticino: Ticino</li> <li>Zürich: Zürich</li> </ul>	<ul> <li>Central: Doğu Anadolu Bölgesi, Ege Bölgesi, Iç Anadolu Bölgesi</li> <li>North: Karadeniz Bölgesi, Marmara Bölgesi</li> <li>South: Akdeniz Bölgesi, Güneydoğu Anadolu Bölgesi</li> </ul>	Northern Ireland: Northern Ireland Scotland: Scotland Wales: Wales England: East Midlands, East of England, London, North East, North West, South East, South West, West Midlands, Yorkshire and the Humber

### Asia & Australia

Appendix: countries & regions (7/10)

Australia	Mainland China	Hong Kong	India	Indonesia	Israel
<ul> <li>External Territory:         Ashmore and Cartier         Islands, Australian         Antarctic Territory,         Christmas Island, Cocos         (Keeling) Islands, Coral         Sea Islands, Heard Island         and McDonald Islands,         Norfolk Island     </li> <li>North: Northern</li> <li>Territory</li> <li>North East: Queensland</li> <li>South: South Australia</li> <li>South East: Australian</li> <li>Capital Territory, Jervis</li> <li>Bay Territory, New South</li> <li>Wales, Tasmania, Victoria</li> <li>West: Western Australia</li> </ul>	<ul> <li>Northwest: Gansu Province,         Ningxia Hui Autonomous Region,         Qinghai Province, Shaanxi Province,         Xinjiang Uyghur Autonomous         Region</li> <li>North: Beijing Municipality, Hebei         Province, Inner Mongolia         Autonomous Region, Shanxi         Province, Tianjin Municipality</li> <li>Northeast: Heilongjiang Province,         Jilin Province, Liaoning Province</li> <li>East: Anhui Province, Fujian         Province, Jiangsu Province,         Shanghai Municipality, Zhejiang         Province</li> <li>Central and South: Guangdong         Province, Guangxi Zhuang         Autonomous Region, Hainan         Province, Henan Province, Hubei         Province, Hunan Province</li> <li>Southwest: Chongqing         Municipality, Guizhou Province,         Sichuan Province, Yunnan Province</li> </ul>	Hong Kong Island:     Central and     Western, Eastern,     Southern, Wan Chai     Kowloon: Kowloon     City, Kwun Tong,     Sham Shui Po,     Wong Tai Sin, Yau     Tsim Mong     New Territories:     Islands, Kwai Tsing,     North, Sai Kung, Sha     Tin, Tai Po, Tsuen     Wan, Tuen Mun,     Yuen Long	<ul> <li>North: Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Chandigarh, Delhi, Ladakh</li> <li>North East: Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura</li> <li>East: Bihar, Jharkhand, Odisha, West Bengal, Andaman and Nicobar Islands</li> <li>Central India: Chhattisgarh, Madhya Pradesh, Uttar Pradesh, Uttarakhand</li> <li>West: Goa, Gujarat, Maharashtra, Dadra and Nagar Haveli and Daman and Diu</li> <li>South: Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Telangana, Lakshadweep, Puducherry</li> </ul>	<ul> <li>Java: Banten, Central Java, East Java, Jakarta Special Capital Region, Special Region of Yogyakarta, West Java</li> <li>Kalimantan: Central Kalimantan, East Kalimantan, North Kalimantan, South Kalimantan, West Kalimantan</li> <li>Lesser Sunda Islands: Bali, East Nusa Tenggara, West Nusa Tenggara</li> <li>Maluku Islands: Maluku, North Maluku</li> <li>Sulawesi: Central Sulawesi, Gorontalo, North Sulawesi, South Sulawesi, Southeast Sulawesi, West Sulawesi</li> <li>Sumatra: Bangka-Belitung Islands, Bengkulu, Jambi, Lampung, North Sumatra, Riau, Riau Islands, South Sumatra, Special Region of Aceh, West Sumatra</li> <li>Western New Guinea: Special Region of Papua, Special Region of West Papua</li> </ul>	Center: Center, Tel Aviv     Jerusalem: Jerusalem     Judea and Samaria Area: Judea and Samaria Area     North: Haifa, North     South: South

### Asia & Australia

Appendix: countries & regions (8/10)

Japan Malaysia	New Zealand	Pakistan	Philippines	Saudi Arabia	Singapore
<ul> <li>North: Chūbu, Hokkaidō, Kantō, Tōhoku</li> <li>South: Chūgoku, Kansai, Kyūshū, Shikoku</li> <li>Peninsular: Johor Darul Ta'zim, Kedah Darul Aman, Kelantan Darul Naim, Kuala Lumpur, Malacca, Negeri Sembilan Darul Khusus, Pahang Darul Makmur, Penang, Perak Darul Ridzuan, Perlis Indera Kayangan, Putrajaya, Selangor Darul Ehsan, Terengganu Darul Iman</li> </ul>	North: Auckland, Bay of Plenty, Gisborne, Hawke's Bay, Manawatu-Wanganui, Northland, Taranaki, Waikato, Wellington     South: Canterbury, Marlborough, Nelson, Otago, Southland, Tasman, West Coast	North: Azad Jammu and Kashmir, Gilgit-Baltistan, Islamabad Capital Territory, Khyber Pakhtunkhwa     South: Balochistan, Punjab, Sindh	Luzon: Bicol, Cagayan Valley, Central Luzon, Cordillera, Ilocos, Manila, Southern Tagalog Mainland, Southwestern Tagalog     Mindanao:     Bangsamoro, Caraga, Davao, Northern Mindanao, Soccsksargen, Zamboanga Peninsula     Visayas: Central Visayas, Eastern Visayas, Western Visayas	<ul> <li>Central: Qassim, Riyadh</li> <li>East: Eastern Province</li> <li>North: Ha'il, Jawf, Northern Borders</li> <li>South: Asir, Bahah, Jizan, Najran</li> <li>West: Madinah, Makkah, Tabuk</li> </ul>	Central Singapore:     Central Singapore     North East: North     East     North West: North     West     South East: South     East     South West: South     West

### Asia & Australia

Appendix: countries & regions (9/10)

South Korea	Taiwan	Thailand	United Arab Emirates	Vietnam
<ul> <li>Seoul &amp; Gyeonggi: Seoul, Gyeonggi-do,</li> <li>Gangwon: Gangwon-do</li> <li>Chungcheong: Chungcheongbuk- do, Chungcheongnam-do</li> <li>Gyeongsan: Gyeongsangbuk- do, Gyeongsangnam-do</li> <li>Jeolla: Jeollabuk-do, Jeollanam-do</li> <li>Jeju: Jeju Special Self-Governing Province</li> </ul>	<ul> <li>Central: Changhua County, Miaoli County, Nantou County, Taichung, Yunlin County</li> <li>East: Hualien County, Taitung County</li> <li>North: Hsinchu City, Hsinchu County, Keelung City, New Taipei, Taipei, Taoyuan, Yilan County</li> <li>Outer Islands: Kinmen County, Lienchiang County</li> <li>South: Chiayi City, Chiayi County, Kaohsiung, Penghu County, Pingtung County, Tainan</li> </ul>	<ul> <li>Central: Central Thailand, Western Thailand</li> <li>North: Northern Thailand</li> <li>North East: Eastern Thailand, Northeastern Thailand</li> <li>South: Southern Thailand</li> </ul>	Abu Dhabi: Abu Dhabi     Ajman: Ajman     Dubai: Dubai     Fujairah: Fujairah     Ras Al Khaimah: Ras Al Khaimah     Sharjah: Sharjah     Umm Al Quwain: Umm Al Quwain	<ul> <li>Central: Central Highlands, North Central, South Central Coast</li> <li>North: Northeast, Northwest, Rec River Delta</li> <li>South: Mekong River Delta, Southeast</li> </ul>

## Africa

Appendix: countries & regions (10/10)

Egypt	Kenya	Morocco	Nigeria	South Africa
<ul> <li>Alexandria: Alexandria, Beheira, Matruh</li> <li>Asyut: Asyut, New Valley</li> <li>Delta: Dakahlia, Damietta, Gharbia, Kafr El Sheikh, Monufia</li> <li>Greater Cairo: Cairo, Giza, Qalyubia</li> <li>North Upper Egypt: Beni Suef, Faiyum, Minya</li> <li>South Upper Egypt: Aswan, Luxor, Qena, Red Sea, Sohag</li> <li>Suez Canal: Ismailia, North Sinai, Port Said, Sharqia, South Sinai, Suez</li> </ul>	East: Coastal Kenya, East Kenya, Northeast Kenya     West: Central Kenya, Nairobi, Nyanza, Rift Valley, West Kenya	<ul> <li>Central: Guelmim-Oued Noun, Souss-Massa</li> <li>North: Béni Mellal-Khénifra, Casablanca-Settat, Drâa-Tafilalet, Fès-Meknès, Marrakesh-Safi, Oriental, Rabat-Salé-Kénitra, Tanger-Tetouan-Al Hoceima</li> <li>South: Dakhla-Oued Ed-Dahab, Laâyoune-Sakia El Hamra</li> </ul>	<ul> <li>Middle Belt: Benue, Federal Capital Territory, Ilorin, Kabba, Kogi, Kwara, Nasarawa, Niger, Plateau</li> <li>Niger Delta: Akwa Ibom, Bayelsa, Benin, Calabar, Cameroons, Cross River, Delta, Edo, Ogoja, Rivers, Warri</li> <li>North East: Adamawa, Bauchi, Borno, Bornu, Gombe, Taraba, Yobe</li> <li>North West: Jigawa, Kaduna, Kano, Katsina, Kebbi, Sokoto, Zamfara, Zaria</li> <li>South East: Abia, Anambra, Ebonyi, Enugu, Imo, Onitsha, Owerri</li> <li>South West: Abeokuta, Ekiti, Ijebu, Lagos, Ogun, Ondo, Osun, Oyo</li> </ul>	East: Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, North West     West: Northern Cape, Western Cape

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