Top 10 Most Used Languages

Legend: JavaScript, HTML/CSS, SQL, Bash/Shell/PowerS…, Python, Java, C#, TypeScript, PHP, C++

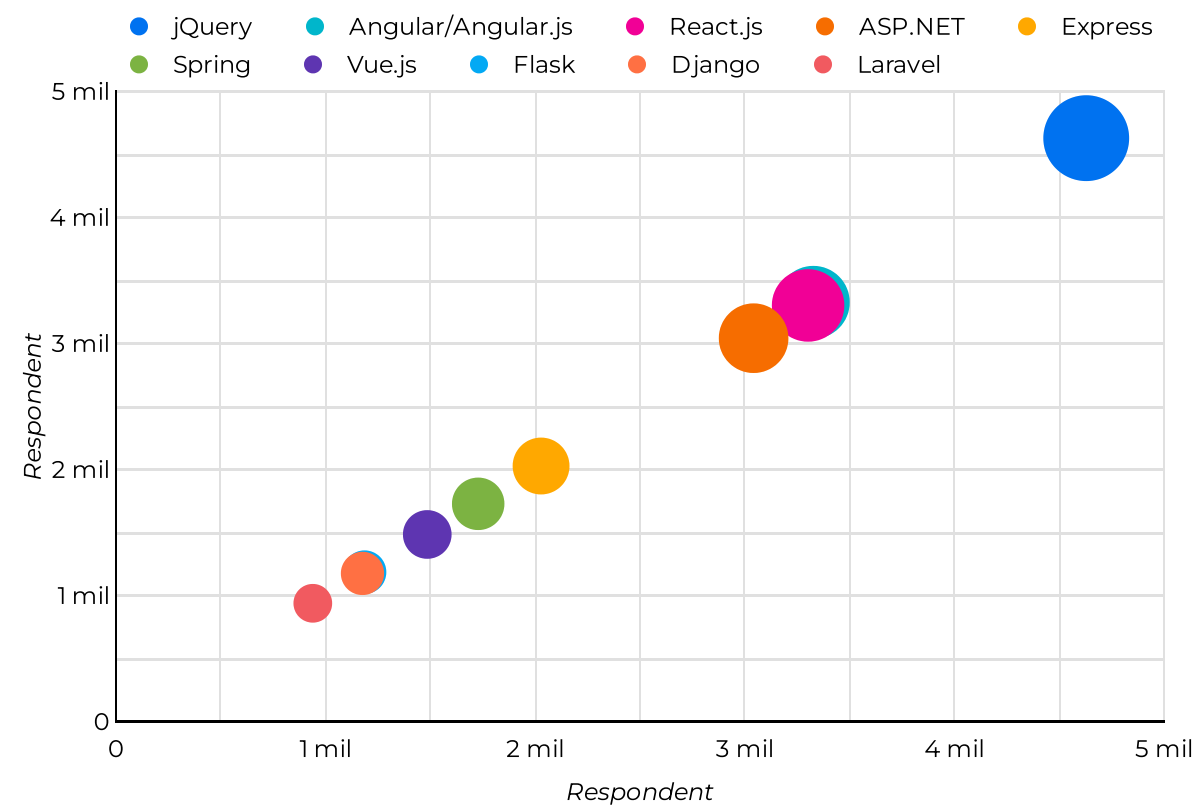| Language	Respondent
JavaScript	8.687
HTML/CSS	7.830
SQL	7.106
Bash/Shell/PowerShell	4.642
Python	4.542
Java	4.506
C#	4.288
TypeScript	3.232
PHP	2.913
C++	1.946

LanguageWorkedWith / *Respondent*
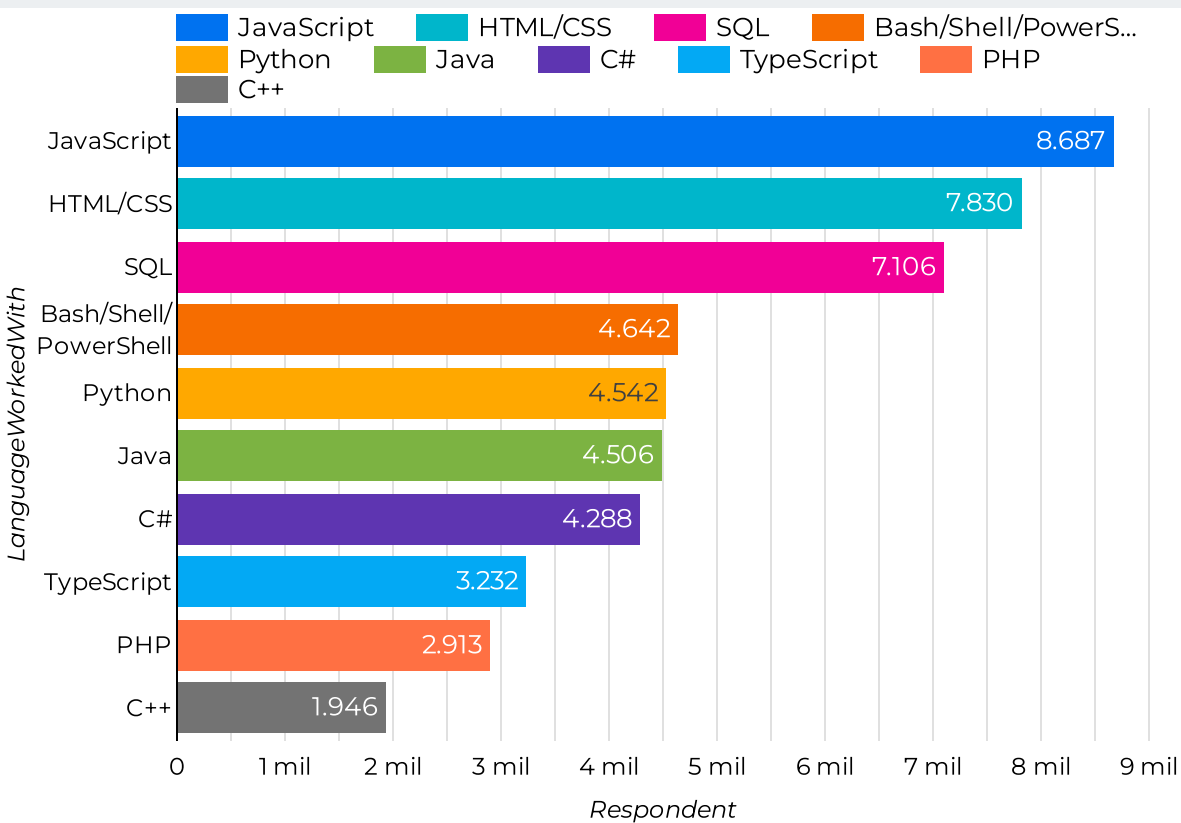
Top 10 Most Used Databases

Legend: MySQL, Microsoft SQL Server, PostgreSQL, SQLite, MongoDB, Redis, Elasticsearch, Oracle, MariaDB, Firebase

Database	Respondent
MySQL	5.469
Micro…	4.110
Post…	4.097
SQLite	3.248
Mong…	3.016
Redis	2.508
Elasti…	1.954
Oracle	1.744
Maria…	1.709
Fireb…	1.314

DatabaseWorkedWith / *Respondent*

Most Used Platforms

Kubernetes, WordPress, Windows, Docker, MacOS, Google Cloud Platform, Android, Arduino, Heroku, iOS, Slack, IBM Cloud or Watson, Other(s):, AWS, Linux, Microsoft Azure, Raspberry Pi

Top 10 Most Used Web Frames

Legend: jQuery, Angular/Angular.js, React.js, ASP.NET, Express, Spring, Vue.js, Flask, Django, Laravel

Respondent / *Respondent*

Top 10 Languages Would-Like-to-Learn Next Year

Legend: JavaScript, HTML/CSS, Python, SQL, TypeScript, C#, Bash/Shell/PowerShell, Java, Go, Kotlin

Language	Respondent
Jav... (JavaScript)	6.630
HT... (HTML/CSS)	5.328
Pyt... (Python)	5.239
SQL	5.012
Typ... (TypeScript)	4.088
C#	3.591
Bas... (Bash/Shell/PowerShell)	3.097
Java	2.953
Go	2.759
Kot... (Kotlin)	1.890

X-axis: *Respondent* (0, 1 mil, 2 mil, 3 mil, 4 mil, 5 mil, 6 mil, 7 mil)
Y-axis: *LanguageDesireNextYear*
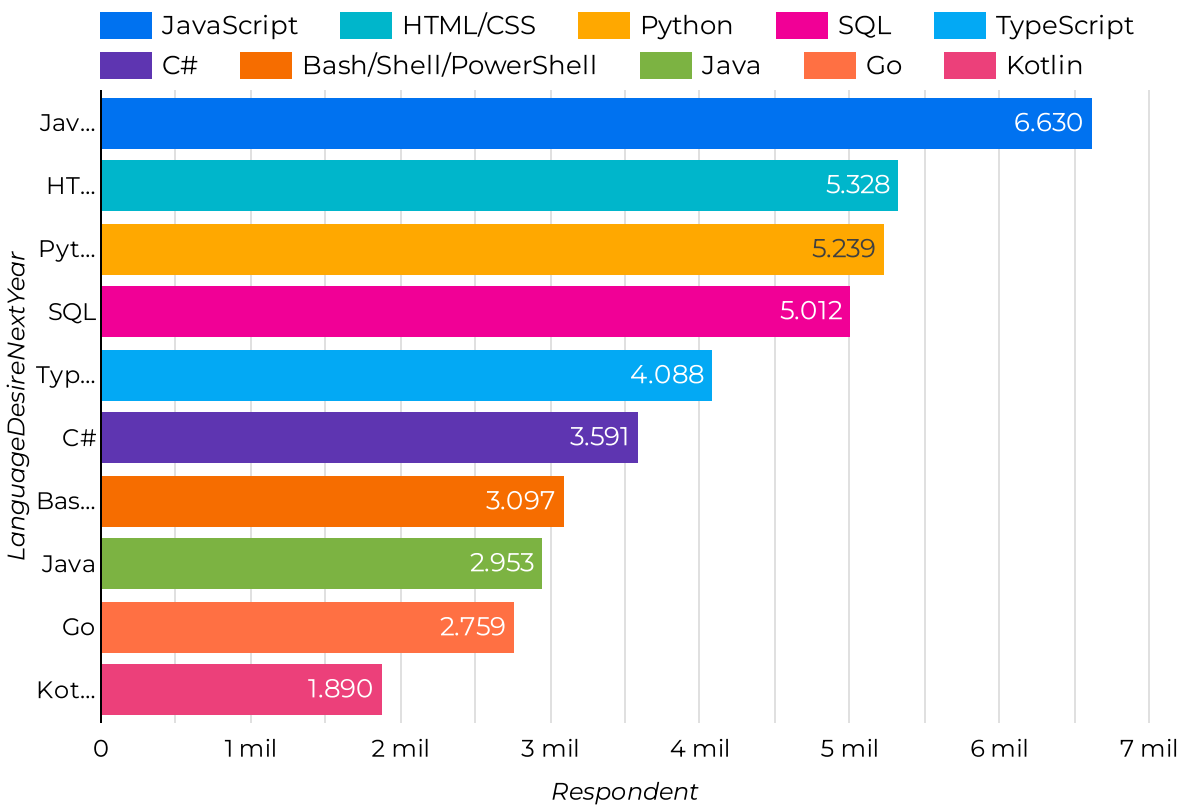
Top 10 Databases Would-Like-to-Learn Next Year

Legend: PostgreSQL, MongoDB, Redis, MySQL, Elasticsearch, Microsoft SQL Server, SQLite, Firebase, MariaDB, DynamoDB

Database	Respondent
Post... (PostgreSQL)	4.328
Mong... (MongoDB)	3.649
Redis	3.331
MySQL	3.281
Elasti... (Elasticsearch)	2.856
Micro... (Microsoft SQL Server)	2.706
SQLite	2.437
Fireb... (Firebase)	1.650
Maria... (MariaDB)	1.385
Dyna... (DynamoDB)	1.044

Y-axis: *Respondent* (0, 1 mil, 2 mil, 3 mil, 4 mil, 5 mil)
X-axis: *DatabaseDesireNextYear*

Platforms Would-Like-to-Learn Next Year

Treemap: Linux, Docker, AWS, Windows, Android, Kubernetes, MacOS, Raspberry Pi, Google Cloud Platf..., Microsoft Azure, Slack, iOS, Arduino, Heroku, WordPress, IBM..., Oth...
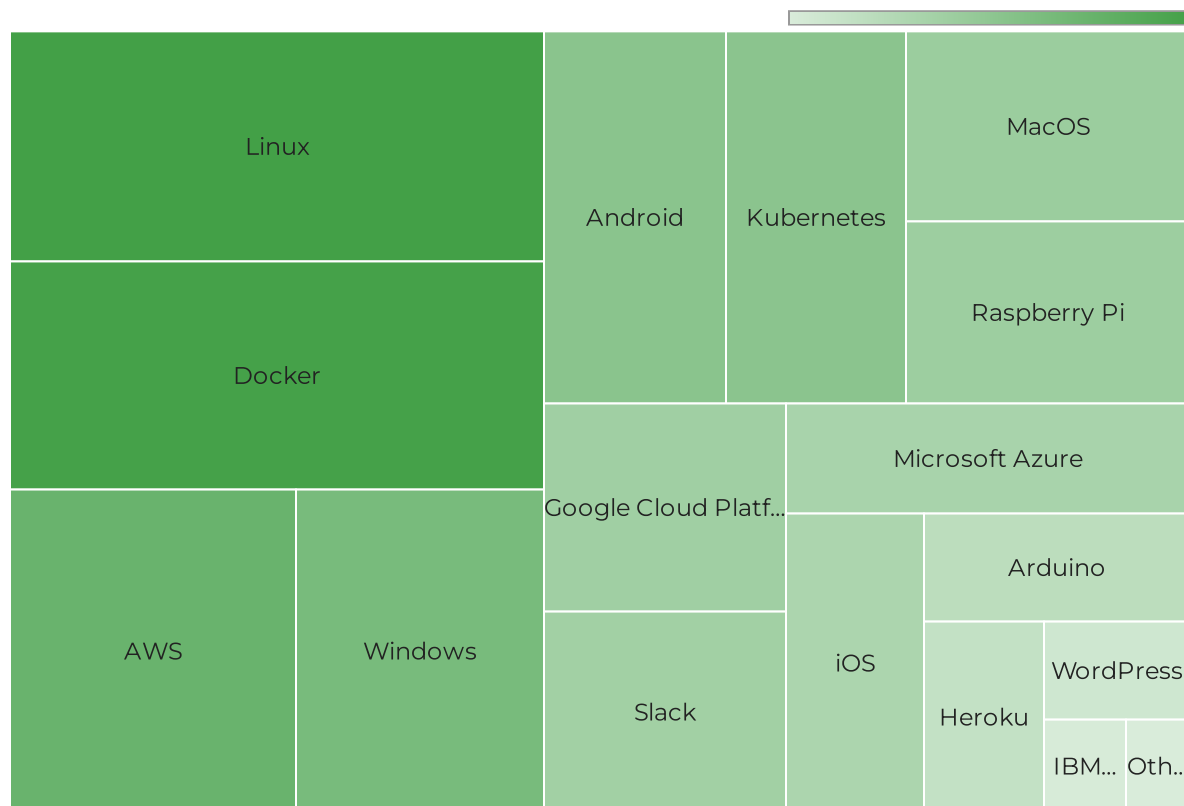
Top 10 Web Frames Would-Like-to-Learn Next Year

Legend: React.js, Vue.js, Angular/Angular.js, ASP.NET, jQuery, Express, Spring, Django, Flask, Ruby on Rails

Y-axis: *Respondent* (0, 1 mil, 2 mil, 3 mil, 4 mil, 5 mil)
X-axis: *Respondent* (0, 1 mil, 2 mil, 3 mil, 4 mil, 5 mil)
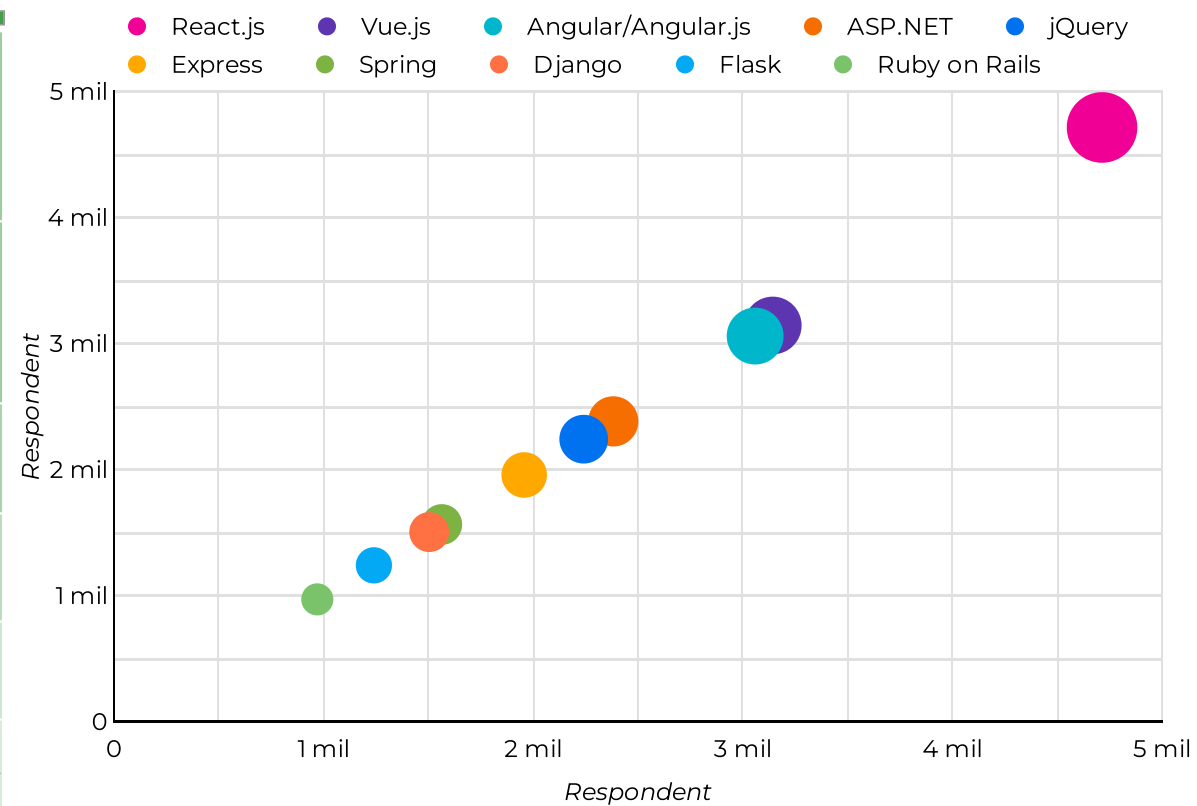
Percentage of Respondents by Gender

- Man
- Woman

6,5%

93,5%
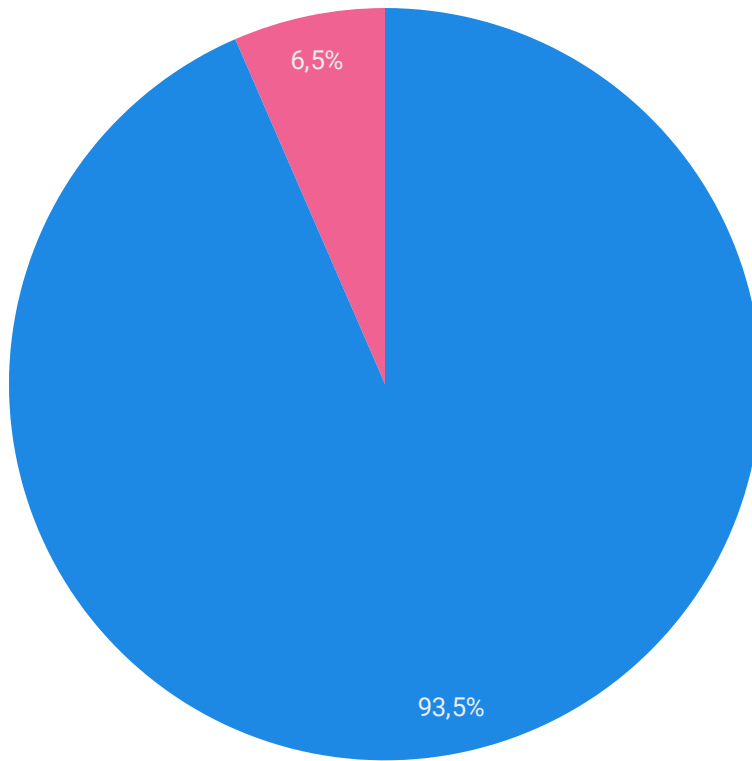
Number of Respondents by Country

1 — 3.058

Number of Respondents by Age

- - - Respondent

Respondent

Age

800

600

400

200

0

2 6 29 74 108 196 403 570 666 724 707 706 771 683 639 521 485 480 383 388 307 272 278 230 185 161 136 109 94 85 65 67 64 65 56 27 39 32 25 13 15 10 10 11 2 10 5 7 2 1 1 2 1 1

16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 65 71
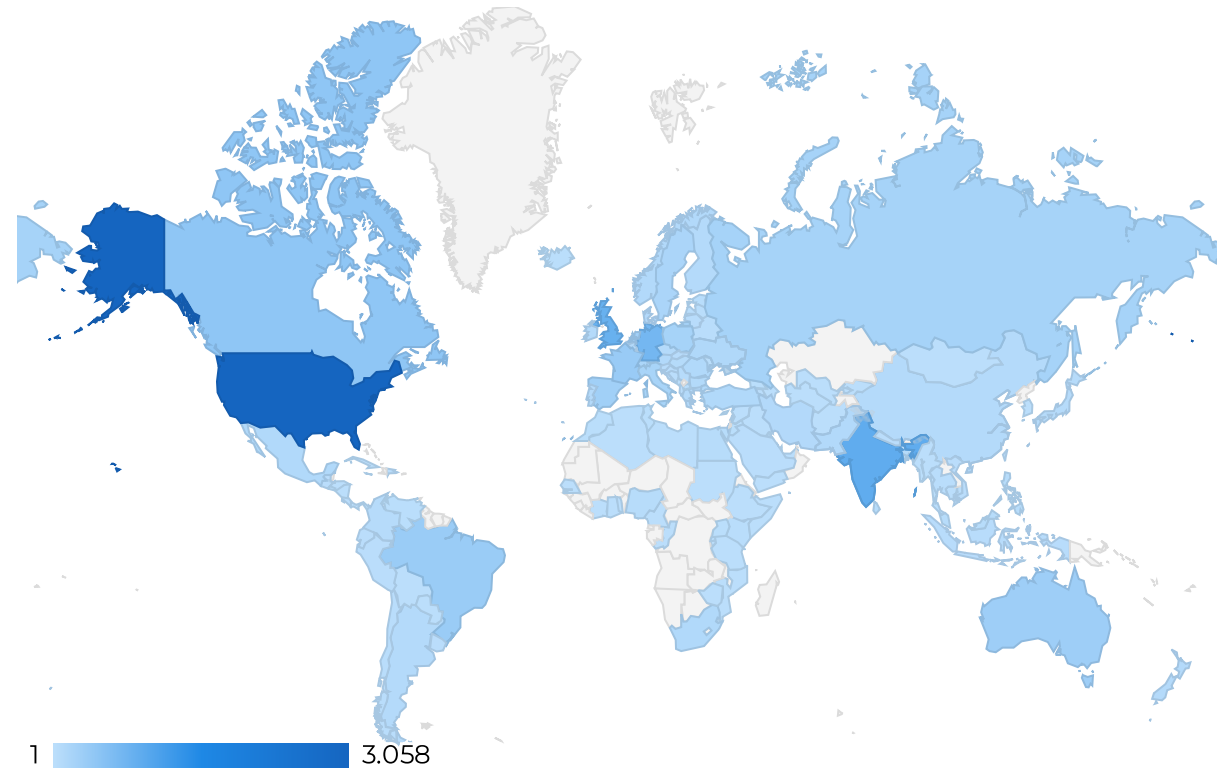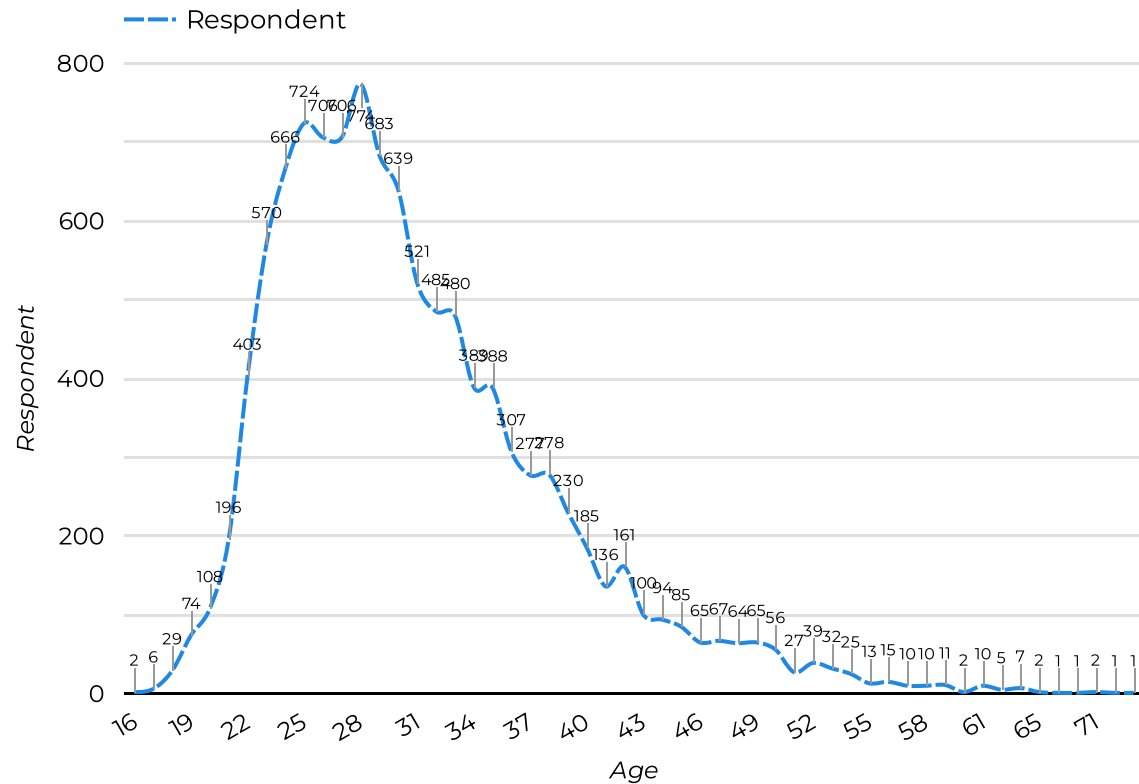
Number of Respondents by Formal Education and Gender

- Man
- Woman

EdLevel

Bachel...	5.341 / 412
Master...	2.484 / 191
Some college/univer...	1.280 / 50
Secon...	482 / 24
Associ...	357 / 20
Other doctor...	25 / 1
Profes...	13 / 4
I never compl...	26
Prima...	26

Respondent

0   1 mil   2 mil   3 mil   4 mil   5 mil   6 mil