

# Python Developers Survey 2022

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## Languages

**Page exit logic:** Skip / Disqualify Logic**IF:** #1 Question "Is Python the main language you use for your current projects?" is one of the following answers ("No, I don't use Python for my current projects") **THEN:** Jump to [page 15 - DEMOGRAPHICS](#)

**Logic:** Show/hide trigger exists.

**Is Python the main language you use for your current projects?\***

- ☐ Yes
- ☐ No, I use Python as a secondary language
- ☐ No, I don't use Python for my current projects

**What other language(s) do you use?\***

- ☐ None
- ☐ Java
- ☐ JavaScript
- ☐ C/C++
- ☐ PHP
- ☐ C#
- ☐ Ruby
- ☐ Bash / Shell
- ☐ Objective-C
- ☐ Go
- ☐ Visual Basic
- ☐ Scala

- ☐ SQL
  - ☐ Kotlin
  - ☐ R
  - ☐ Swift
  - ☐ Clojure
  - ☐ Perl
  - ☐ Rust
  - ☐ Groovy
  - ☐ TypeScript
  - ☐ CoffeeScript
  - ☐ HTML/CSS
  - ☐ Other - Write In:: \_\_\_\_\_ \*
- 

## Purpose

### How long have you been programming in Python?\*

- ☐ Less than 1 year
- ☐ 1–2 years
- ☐ 3–5 years
- ☐ 6–10 years
- ☐ 11+ years

### How many years of professional coding experience do you have?\*

- ☐ Less than 1 year
- ☐ 1–2 years
- ☐ 3–5 years
- ☐ 6–10 years
- ☐ 11+ years

**For what purposes do you mainly use Python?\***

- ☐ For work
- ☐ For personal, educational or side projects
- ☐ Both for work and personal

**Logic: Show/hide trigger exists.**

**What do you use Python for?\***

- ☐ Educational purposes
- ☐ Data analysis
- ☐ DevOps / System administration / Writing automation scripts
- ☐ Software testing / Writing automated tests
- ☐ Software prototyping
- ☐ Web development
- ☐ Machine learning
- ☐ Mobile development
- ☐ Desktop development
- ☐ Computer graphics
- ☐ Network programming
- ☐ Game development
- ☐ Multimedia applications development
- ☐ Embedded development
- ☐ Programming of web parsers / scrapers / crawlers
- ☐ Other - Write In:: \_\_\_\_\_\*

**What do you use Python for the most?\***

Piping: Piped From Question 6. ( What do you use Python for?)

To what extent are you involved in the following activities?\*

	primary activity	secondary activity	hobby
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Logic: Hidden unless: #6 Question " What do you use Python for?" is one of the following answers ("Data analysis","Machine learning")

Do you consider yourself as a Data-Scientist?\*

☐ Yes

☐ No

☐ Other – Write In:: \_\_\_\_\_\*

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## Python version

Logic: Show/hide trigger exists.

Which version of Python do you use the most?\*

☐ Python 2

☐ Python 3

Logic: Hidden unless: #9 Question "Which version of Python do you use the most?" is one of the following answers ("Python 2")

Which version of Python 2 do you use the most?\*

☐ Python 2.0

- ☐ Python 2.1
- ☐ Python 2.2
- ☐ Python 2.3
- ☐ Python 2.4
- ☐ Python 2.5
- ☐ Python 2.6
- ☐ Python 2.7

**Logic: Hidden unless: #9 Question "Which version of Python do you use the most?" is one of the following answers ("Python 3")**

**Which version of Python 3 do you use the most?\***

- ☐ Python 3.5 or lower
- ☐ Python 3.6
- ☐ Python 3.7
- ☐ Python 3.8
- ☐ Python 3.9
- ☐ Python 3.10

**What do you typically use to upgrade your Python version?\***

- ☐ I don't update
- ☐ Somebody else manages Python updates for me
- ☐ Python.org
- ☐ Build from source
- ☐ Automatic upgrade via cloud provider
- ☐ Anaconda
- ☐ ActivePython
- ☐ Intel Distribution for Python
- ☐ OS-provided Python (via apt-get, yum, homebrew, etc.)
- ☐ pyenv
- ☐ pythonz

☐ I use Docker containers

☐ Other – Write In:: \_\_\_\_\_ \*

**Do you use any of the following tools to isolate Python environments, if any?\***

☐ None

☐ Virtualenv

☐ Pipenv

☐ Poetry

☐ Conda

☐ Docker

☐ Vagrant / virtual machines

☐ Other – Write In:: \_\_\_\_\_ \*

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## Frameworks

**What web frameworks / libraries do you use in addition to Python?\***

☐ None

☐ Django

☐ web2py

☐ Bottle

☐ CherryPy

☐ Flask

☐ Hug

☐ Pyramid

☐ Tornado

☐ Falcon

☐ FastAPI

☐ Other – Write In:: \_\_\_\_\_ \*

**What data science framework(s) do you use in addition to Python?\***

- ☐ None
- ☐ PyTorch
- ☐ NumPy
- ☐ SciPy
- ☐ Pandas
- ☐ Matplotlib
- ☐ Seaborn
- ☐ SciKit-Learn
- ☐ Keras
- ☐ TensorFlow
- ☐ Theano
- ☐ NLTK
- ☐ MXNet
- ☐ Gensim
- ☐ Other - Write In:: \_\_\_\_\_\*

**Which of the following frameworks / libraries do you use in addition to Python?\***

- ☐ None
- ☐ Requests
- ☐ aiohttp
- ☐ httpx
- ☐ PyQT
- ☐ PyGTK
- ☐ wxPython
- ☐ Pillow
- ☐ Tkinter
- ☐ Pygame
- ☐ Twisted
- ☐ Asyncio

- ☐ Kivy
  - ☐ Six
  - ☐ Scrappy
  - ☐ Other – Write In:: \_\_\_\_\_\*
- 

## Cloud

**Logic: Show/hide trigger exists.**

**Which of the following cloud platforms do you use?\***

- ☐ None
- ☐ Google Cloud Platform
- ☐ AWS
- ☐ Microsoft Azure
- ☐ Rackspace
- ☐ Heroku
- ☐ DigitalOcean
- ☐ Linode
- ☐ PythonAnywhere
- ☐ OpenShift
- ☐ OpenStack
- ☐ Other – Write In:: \_\_\_\_\_\*

**Logic: Hidden unless: #17 Question "Which of the following cloud platforms do you use?" is one of the following answers ("Google Cloud Platform","AWS","Microsoft Azure","Rackspace","Heroku","DigitalOcean","Linode","PythonAnywhere","OpenShift","OpenStack","Other – Write In:")**

**How do you run code in the cloud (in the production environment)?\***



- ☐ None of the following
- ☐ In virtual machines
- ☐ Within containers
- ☐ On a Platform-as-a-Service (such as Heroku or Google App Engine)
- ☐ Serverless (such as AWS Lambda or Cloud Functions)
- ☐ Other – Write In:: \_\_\_\_\_ \*

**Logic: Hidden unless: #17 Question "Which of the following cloud platforms do you use?" is one of the following answers ("Google Cloud Platform","AWS","Microsoft Azure","Rackspace","Heroku","DigitalOcean","Linode","PythonAnywhere","OpenShift","OpenStack","Other – Write In:")**

**How do you develop for the cloud?\***

- ☐ None of the following
- ☐ With local system interpreter
- ☐ Locally with virtualenv (or similar)
- ☐ In Docker containers
- ☐ In virtual machines
- ☐ In remote development environments
- ☐ Directly in the production environment
- ☐ Other – Write In:: \_\_\_\_\_ \*

**What operating system(s) are your development environment?\***

- ☐ Windows
- ☐ Linux
- ☐ macOS
- ☐ BSD
- ☐ Other – Write In:: \_\_\_\_\_ \*

**Which Python unit-testing framework(s) do you use, if any?\***

- ☐ None
  - ☐ pytest
  - ☐ nose
  - ☐ unittest
  - ☐ doctest
  - ☐ tox
  - ☐ Hypothesis
  - ☐ mock
  - ☐ Other – Write In:: \_\_\_\_\_\*
- 

## **Tools ( DB, ORM, big data)**

**What ORM(s) do you use together with Python, if any?\***

- ☐ No database development
- ☐ Raw SQL
- ☐ Django ORM
- ☐ SQLAlchemy
- ☐ Peewee
- ☐ Dejavu
- ☐ PonyORM
- ☐ SQLAlchemy
- ☐ Tortoise ORM
- ☐ Other – Write In:: \_\_\_\_\_\*

**Which database(s) do you regularly use, if any?\***

- ☐ None
- ☐ DB2
- ☐ MS SQL Server

- ☐ MySQL
- ☐ Oracle Database
- ☐ PostgreSQL
- ☐ SQLite
- ☐ Cassandra
- ☐ Couchbase
- ☐ HBase
- ☐ MongoDB
- ☐ Neo4j
- ☐ Redis
- ☐ Amazon Redshift
- ☐ h2
- ☐ Other – Write In:: \_\_\_\_\_\*

**Which of the following Big Data tool(s) do you use, if any? \***

- ☐ None
- ☐ Apache Beam
- ☐ Apache Flink
- ☐ Apache Hadoop/MapReduce
- ☐ Apache Hive
- ☐ Apache Samza
- ☐ Apache Kafka
- ☐ Apache Spark
- ☐ Apache Tez
- ☐ Dask
- ☐ ClickHouse
- ☐ Other – Write In:: \_\_\_\_\_\*

**Which Continuous Integration (CI) system(s) do you regularly use?\***

- ☐ None

- ☐ GitHub Actions
- ☐ Gitlab CI
- ☐ Jenkins / Hudson
- ☐ TeamCity
- ☐ Bamboo
- ☐ Travis CI
- ☐ CircleCI
- ☐ CruiseControl
- ☐ Bitbucket Pipelines
- ☐ AppVeyor
- ☐ Other – Write In:: \_\_\_\_\_ \*

**Which configuration management tools do you use, if any?\***

- ☐ None
- ☐ Salt
- ☐ Puppet
- ☐ Chef
- ☐ Ansible
- ☐ Custom solution
- ☐ Other – Write In:: \_\_\_\_\_ \*

**What documentation tool do you use? \***

- ☐ I don't use any documentation tools
  - ☐ Sphinx
  - ☐ MKDocs
  - ☐ Doxygen
  - ☐ Other – Write In:: \_\_\_\_\_
-

## IDE / editors

**Logic: Show/hide trigger exists.**

**What is the main editor you use for your current Python development?\***

- ☐ None
- ☐ PyCharm Professional Edition
- ☐ PyCharm Community Edition
- ☐ Sublime Text
- ☐ Vim
- ☐ Atom
- ☐ VS Code
- ☐ Eclipse + Pydev
- ☐ JupyterLab
- ☐ Jupyter Notebook
- ☐ IntelliJ IDEA
- ☐ NotePad++
- ☐ IDLE
- ☐ Emacs
- ☐ Python Tools for Visual Studio (PTVS)
- ☐ Spyder
- ☐ Neovim
- ☐ Nano
- ☐ Wing IDE
- ☐ Other – Write In:: \_\_\_\_\_\*

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## IDE / editors

**Logic: Hidden unless: #28 Question "What is the main editor you use for your current Python development?" is not one of the following answers ("None")**

**Piping: Piped Values From Question 28. (What is the main editor you use for your current Python development?)**

**What editors/IDEs do you use for Python development in addition to [question('value'), id='298']?\***

☐ None

☐ Other – Write In:: \_\_\_\_\_\*

**Do you regularly work on multiple projects at the same time?\***

☐ No, I only work on one project

☐ Yes, I work on one main and several side projects

☐ Yes, I work on many different projects

**Logic: Hidden unless: IsMobile**

**When developing in Python, how often do you ...? (Optional)**

	<b>Often</b>	<b>From time to time</b>	<b>Never or Almost never</b>
use autocompletion in your editor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use a debugger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
refactor your code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

use Version Control Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use code linting (programs that analyze code for potential errors)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use Python virtual environments for your projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use SQL databases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use NoSQL databases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
run / debug or edit code on remote machines (remote hosts, VMs, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use a Python profiler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
write tests for your code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use code coverage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use optional type hinting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

use Continuous Integration tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
use Issue Trackers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Logic: Show/hide trigger exists.**

**How likely is it that you would recommend [question('value'), id='298'] to a friend or colleague?**

Not at all likely

☐ 0   ☐ 1   ☐ 2   ☐ 3   ☐ 4   ☐ 5   ☐ 6   ☐ 7   ☐ 8   ☐ 9   ☐ 10

Extremely likely

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## Python Packaging

**The following questions will help the PSF's Packaging Working Group and Packaging Project Manager gauge use cases and identify user personas, which will support future initiatives.**

**Which of the following tools do you use to isolate Python environments between projects?\***

☐ virtualenv

☐ venv

☐ virtualenvwrapper

☐ hatch

☐ Poetry

☐ pipenv

☐ Conda



☐ I do not use any tools to isolate Python environments

☐ Other - Write In: \_\_\_\_\_

**Do you use a virtual environment (e.g. virtualenv) in containers (e.g. Docker)? \***

☐ Yes, I use a virtual environment in containers

☐ No, I do not use a virtual environment in containers

☐ No, I do not use containers

**Do you use the standard library (Python 3.3+) module venv?\***

☐ I use venv directly

☐ I use it via Poetry

☐ I use it via Pipenv

☐ I use it via virtualenv

☐ I use it via tox

☐ I don't know

☐ No, I do not use venv

☐ Other – Write In:: \_\_\_\_\_

**Which tools related to Python packaging do you use directly? \***

☐ None / I'm not sure

☐ pip

☐ Conda

☐ pipenv

☐ Poetry

☐ venv (standard library)

☐ virtualenv

☐ flit

☐ tox

☐ PDM

- ☐ twine
- ☐ Containers (eg: via Docker)
- ☐ Virtual machines
- ☐ Workplace specific proprietary solution
- ☐ Other – Write In:: \_\_\_\_\_

**Logic: Show/hide trigger exists.**

**Do you use any tools for managing precise/exact versions (version pinning) of application dependencies?\***

- ☐ Yes
- ☐ No

**Logic: Hidden unless: #39 Question "Do you use any tools for managing precise/exact versions (version pinning) of application dependencies?" is one of the following answers ("Yes")**

**What format(s) is your application dependency information stored in?\***

- ☐ None
- ☐ requirements.txt
- ☐ pyproject.toml
- ☐ pipfile.lock
- ☐ poetry.lock
- ☐ Conda environment.yml
- ☐ pip constraints.txt
- ☐ Other – Write In:: \_\_\_\_\_

**Logic: Hidden unless: #39 Question "Do you use any tools for managing precise/exact versions (version pinning) of application dependencies?" is one of the following answers ("Yes")**

**Which of the following tools do you use for application dependency management?\***

☐ None

☐ pipenv

☐ poetry

☐ pip-tools

☐ Other – Write In:: \_\_\_\_\_

**Do you use any of the following automated services to update the versions of application dependencies?\***

☐ None

☐ Dependabot

☐ PyUp

☐ Custom tools, e.g. a cron job or scheduled CI task

☐ No, my application dependencies are updated manually

☐ Other – Write In:: \_\_\_\_\_

**Which of the following tools do you use for installing packages?\***

☐ None

☐ pip

☐ easy\_install

☐ Conda

☐ Poetry

☐ pip-sync

☐ pipx

☐ Other – Write In:: \_\_\_\_\_

**Where do you install packages from? \***

☐ I'm not sure

☐ PyPI

- ☐ Local source
  - ☐ Internal mirror of PyPI
  - ☐ Private Python Package Index
  - ☐ Anaconda
  - ☐ Default Conda channel
  - ☐ conda-forge Conda channel
  - ☐ Other Conda channel
  - ☐ GitHub
  - ☐ Artifactory
  - ☐ GitLab
  - ☐ From Linux distribution
  - ☐ Other – Write In:: \_\_\_\_\_
- 

## Python Packaging 2

**Logic: Show/hide trigger exists.**

**Do you develop applications?\***

- ☐ Yes
- ☐ No

**Logic: Hidden unless: #45 Question "Do you develop applications?" is one of the following answers ("Yes")**

**Which tool(s) do you use to develop Python applications?\***

- ☐ None / I'm not sure
- ☐ Setuptools
- ☐ build
- ☐ Wheel

- ☐ Enscons
- ☐ pex
- ☐ Flit
- ☐ Poetry
- ☐ conda-build
- ☐ maturin
- ☐ PDM-PEP517
- ☐ Other – Write In:: \_\_\_\_\_

**Logic: Show/hide trigger exists.**

**Have you packaged and published a Python application that you developed to a package repository?\***

- ☐ Yes
- ☐ No

**Logic: Hidden unless: #47 Question "Have you packaged and published a Python application that you developed to a package repository?" is one of the following answers ("Yes")**

**Where did you publish your Python application packages?\***

- ☐ PyPI
- ☐ Private Python Package Index
- ☐ Internal mirror of PyPI
- ☐ conda-forge
- ☐ Other – Write In:: \_\_\_\_\_

**Logic: Show/hide trigger exists.**

**Do you develop and package Python libraries?\***

- ☐ Yes  
☐ No

**Logic: Hidden unless: #49 Question "Do you develop and package Python libraries?" is one of the following answers ("Yes")**

**Which tools do you use to create packages of your Python libraries? \***

- ☐ Setuptools  
☐ build  
☐ Wheel  
☐ Enscons  
☐ pex  
☐ Flit  
☐ Poetry  
☐ conda-build  
☐ maturin  
☐ PDM-PEP517  
☐ Other – Write In:: \_\_\_\_\_

**Logic: Show/hide trigger exists.**

**Have you packaged and published a Python library to a package repository? \***

- ☐ Yes  
☐ No

**Logic: Hidden unless: #51 Question "Have you packaged and published a Python library to a package repository?" is one of the following answers ("Yes")**

**Where have you published your packaged Python libraries?\***

- ☐ PyPI

☐ Private Python Package Index

☐ Internal mirror of PyPI

☐ conda-forge

☐ Other – Write In:: \_\_\_\_\_

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## Demographics

**Logic: Show/hide trigger exists.**

**Most of the time, do you ...? \***

☐ Work in a team

☐ Work on your own project(s) independently

☐ Work as an external consultant or trainer

**Logic: Hidden unless: #53 Question "Most of the time, do you ...? " is one of the following answers ("Work in a team")**

**How many people are in your project team?\***

☐ 2-7 people

☐ 8-12 people

☐ 13-20 people

☐ 21-40 people

☐ More than 40 people

**Logic: Show/hide trigger exists.**

**What is your employment status?\***

☐ Fully employed by a company / organization

- ☐ Partially employed by a company / organization
- ☐ Self-employed (*a person earning income directly from one's own business, trade, or profession*)
- ☐ Freelancer (*a person pursuing a profession without a long-term commitment to any one employer*)
- ☐ Working student
- ☐ Student
- ☐ Retired
- ☐ Other – Write In:: \_\_\_\_\_ \*

**Logic: Hidden unless: #55 Question "What is your employment status?" is one of the following answers ("Fully employed by a company / organization", "Partially employed by a company / organization", "Self-employed (*a person earning income directly from one's own business, trade, or profession*)", "Working student")**

**How many people work for your company / organization?\***

- ☐ Just me
- ☐ 2–10
- ☐ 11–50
- ☐ 51–500
- ☐ 501–1,000
- ☐ 1,001–5,000
- ☐ More than 5,000
- ☐ Not sure

**Logic: Hidden unless: #55 Question "What is your employment status?" is one of the following answers ("Fully employed by a company / organization", "Partially employed by a company / organization", "Self-employed (*a person earning income directly from one's own business, trade, or profession*)", "Working student")**

**Which of the following industries best describes your company's business?**

**Logic: Show/hide trigger exists.**



**Choose one from the list:\***

- ☐ Accounting / Finance / Insurance
- ☐ Administration / Management
- ☐ Banking / Real Estate / Mortgage Financing
- ☐ Business / Strategic Management
- ☐ Construction / Architecture
- ☐ Customer Support
- ☐ Design
- ☐ Education / Training
- ☐ Human Resources
- ☐ Information Technology / Software Development
- ☐ Law
- ☐ Logistics/ Transportation
- ☐ Machinery
- ☐ Manufacturing
- ☐ Marketing
- ☐ Medicine / Health
- ☐ Non-profit
- ☐ Publishing
- ☐ Restaurants / Hospitality
- ☐ Sales / Distribution / Business Development
- ☐ Science
- ☐ Security
- ☐ Service/ Maintenance
- ☐ Other

**Logic: Hidden unless: Question "Choose one from the list:" is one of the following answers ("Other")**

**Other - Write In::** \_\_\_\_\_

**Logic: Hidden unless: (#55 Question "What is your employment status?" is one of the following answers ("Fully employed by a company / organization", "Partially employed by a company / organization", "Self-employed (*a person earning income directly from one's own***

*business, trade, or profession*)", "Working student") AND Question "Choose one from the list:" is one of the following answers ("Information Technology / Software Development"))

**Which of the following industries do you develop for?**

**Logic: Show/hide trigger exists.**

**Choose one from the list:\***

- ☐ Accounting / Finance / Insurance
- ☐ Administration / Management
- ☐ Banking / Real Estate / Mortgage Financing
- ☐ Business / Strategic Management
- ☐ Construction / Architecture
- ☐ Customer Support
- ☐ Design
- ☐ Education / Training
- ☐ Human Resources
- ☐ Information Technology / Software Development
- ☐ Law
- ☐ Logistics/ Transportation
- ☐ Machinery
- ☐ Manufacturing
- ☐ Marketing
- ☐ Medicine / Health
- ☐ Non-profit
- ☐ Publishing
- ☐ Restaurants / Hospitality
- ☐ Sales / Distribution / Business Development
- ☐ Science
- ☐ Security
- ☐ Service/ Maintenance
- ☐ Other

**Logic: Hidden unless: Question "Choose one from the list:" is one of the following answers ("Other")**

**Other - Write In:\*** \_\_\_\_\_

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## Demographics

**Logic: Hidden unless: #55 Question "What is your employment status?" is one of the following answers ("Fully employed by a company / organization", "Partially employed by a company / organization", "Self-employed (*a person earning income directly from one's own business, trade, or profession*)", "Freelancer (*a person pursuing a profession without a long-term commitment to any one employer*)")**

**Which of the following best describes your job role(s)?\***

- ☐ DBA
- ☐ Architect
- ☐ QA engineer
- ☐ Developer / Programmer
- ☐ Technical writer
- ☐ Technical support
- ☐ Data analyst
- ☐ Business analyst
- ☐ Team lead
- ☐ Product manager
- ☐ CIO / CEO / CTO
- ☐ Systems analyst
- ☐ Other – Write In: \_\_\_\_\_\*

**Could you tell us your age range?\***

- ☐ 17 or younger
- ☐ 18–20

- ☐ 21–29
- ☐ 30–39
- ☐ 40–49
- ☐ 50–59
- ☐ 60 or older

**Gender: (Optional)**

- ☐ Male
- ☐ Female
- ☐ Non-binary, genderqueer, or gender non-conforming
- ☐ Prefer not to say
- ☐ Other, please specify: \_\_\_\_\_

**What is your country or region?\***

- ☐ Afghanistan
- ☐ Albania
- ☐ Algeria
- ☐ American Samoa
- ☐ Andorra
- ☐ Angola
- ☐ Anguilla
- ☐ Antarctica
- ☐ Antigua and Barbuda
- ☐ Argentina
- ☐ Armenia
- ☐ Aruba
- ☐ Australia
- ☐ Austria
- ☐ Azerbaijan
- ☐ Bahamas

- ☐ Bahrain
- ☐ Bangladesh
- ☐ Barbados
- ☐ Belarus
- ☐ Belgium
- ☐ Belize
- ☐ Benin
- ☐ Bermuda
- ☐ Bhutan
- ☐ Bolivia
- ☐ Bosnia and Herzegovina
- ☐ Botswana
- ☐ Brazil
- ☐ British Indian Ocean Territory
- ☐ Brunei
- ☐ Bulgaria
- ☐ Burkina Faso
- ☐ Burundi
- ☐ Cambodia
- ☐ Cameroon
- ☐ Canada
- ☐ Cape Verde
- ☐ Cayman Islands
- ☐ Central African Republic
- ☐ Chad
- ☐ Chile
- ☐ China Mainland
- ☐ Christmas Island
- ☐ Cocos (Keeling) Islands
- ☐ Colombia
- ☐ Comoros
- ☐ Congo, Democratic Republic of the
- ☐ Cook Islands

- ☐ Costa Rica
- ☐ Cote d'Ivoire
- ☐ Croatia
- ☐ Cuba
- ☐ Curacao
- ☐ Cyprus
- ☐ Czech Republic
- ☐ Denmark
- ☐ Djibouti
- ☐ Dominica
- ☐ Dominican Republic
- ☐ Ecuador
- ☐ Egypt
- ☐ El Salvador
- ☐ Equatorial Guinea
- ☐ Eritrea
- ☐ Estonia
- ☐ Ethiopia
- ☐ Falkland Islands (Malvinas)
- ☐ Faroe Islands
- ☐ Fiji
- ☐ Finland
- ☐ Finland: Aland Islands
- ☐ France
- ☐ French Guiana
- ☐ French Polynesia
- ☐ French Southern Territories
- ☐ Gabon
- ☐ Gambia
- ☐ Georgia
- ☐ Germany
- ☐ Ghana
- ☐ Gibraltar

- ☐ Greece
- ☐ Greenland
- ☐ Grenada
- ☐ Guadeloupe
- ☐ Guam
- ☐ Guatemala
- ☐ Guernsey
- ☐ Guinea
- ☐ Guinea-Bissau
- ☐ Guyana
- ☐ Haiti
- ☐ Holy See (Vatican City State)
- ☐ Honduras
- ☐ Hong Kong
- ☐ Hungary
- ☐ Iceland
- ☐ India
- ☐ Indonesia
- ☐ Iran
- ☐ Iraq
- ☐ Ireland
- ☐ Isle of Man
- ☐ Israel
- ☐ Italy
- ☐ Jamaica
- ☐ Japan
- ☐ Jersey
- ☐ Jordan
- ☐ Kazakhstan
- ☐ Kenya
- ☐ Kiribati
- ☐ Kosovo
- ☐ Kuwait

- ☐ Kyrgyzstan
- ☐ Lao People's Democratic Republic
- ☐ Latvia
- ☐ Lebanon
- ☐ Lesotho
- ☐ Liberia
- ☐ Libya
- ☐ Liechtenstein
- ☐ Lithuania
- ☐ Luxembourg
- ☐ Macedonia
- ☐ Macao
- ☐ Madagascar
- ☐ Malawi
- ☐ Malaysia
- ☐ Maldives
- ☐ Mali
- ☐ Malta
- ☐ Marshall Islands
- ☐ Martinique
- ☐ Mauritania
- ☐ Mauritius
- ☐ Mayotte
- ☐ Mexico
- ☐ Micronesia
- ☐ Moldova
- ☐ Monaco
- ☐ Mongolia
- ☐ Montenegro
- ☐ Montserrat
- ☐ Morocco
- ☐ Mozambique
- ☐ Myanmar



- ☐ Namibia
- ☐ Nauru
- ☐ Nepal
- ☐ Netherlands
- ☐ Netherlands Antilles
- ☐ New Caledonia
- ☐ New Zealand
- ☐ Nicaragua
- ☐ Niger
- ☐ Nigeria
- ☐ Niue
- ☐ Norfolk Island
- ☐ North Korea
- ☐ North Macedonia
- ☐ Northern Mariana Islands
- ☐ Norway
- ☐ Oman
- ☐ Pakistan
- ☐ Palau
- ☐ Palestinian Territories
- ☐ Panama
- ☐ Papua New Guinea
- ☐ Paraguay
- ☐ Peru
- ☐ Philippines
- ☐ Pitcairn
- ☐ Poland
- ☐ Portugal
- ☐ Puerto Rico
- ☐ Qatar
- ☐ Reunion
- ☐ Romania
- ☐ Russian Federation

- ☐ Rwanda
- ☐ Saint Helena
- ☐ Saint Kitts and Nevis
- ☐ Saint Lucia
- ☐ Saint Pierre and Miquelon
- ☐ Saint Vincent and the Grenadines
- ☐ Samoa
- ☐ San Marino
- ☐ Sao Tome and Principe
- ☐ Saudi Arabia
- ☐ Senegal
- ☐ Serbia
- ☐ Seychelles
- ☐ Sierra Leone
- ☐ Singapore
- ☐ Slovakia
- ☐ Slovenia
- ☐ Solomon Islands
- ☐ Somalia
- ☐ South Africa
- ☐ South Georgia and the South Sandwich Islands
- ☐ South Korea
- ☐ South Sudan
- ☐ Spain
- ☐ Spain: Canary Islands
- ☐ Sri Lanka
- ☐ Sudan
- ☐ Suriname
- ☐ Svalbard and Jan Mayen
- ☐ Swaziland
- ☐ Sweden
- ☐ Switzerland
- ☐ Syria

- ☐ Taiwan
- ☐ Tajikistan
- ☐ Tanzania
- ☐ Thailand
- ☐ Timor-Leste
- ☐ Togo
- ☐ Tokelau
- ☐ Tonga
- ☐ Trinidad and Tobago
- ☐ Tunisia
- ☐ Turkey
- ☐ Turkmenistan
- ☐ Turks and Caicos Islands
- ☐ Tuvalu
- ☐ Uganda
- ☐ Ukraine
- ☐ United Arab Emirates
- ☐ United Kingdom
- ☐ United States
- ☐ Uruguay
- ☐ Uzbekistan
- ☐ Vanuatu
- ☐ Venezuela
- ☐ Vietnam
- ☐ Virgin Islands, British
- ☐ Virgin Islands, U.s.
- ☐ Wallis and Futuna
- ☐ Western Sahara
- ☐ Yemen
- ☐ Zambia
- ☐ Zimbabwe

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