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2018 State of Software Development Survey



SUMMARY → DESIGN SURVEY → PREVIEW & SCORE → COLLECT RESPONSES →

[ANALYZE RESULTS](#) → PRESENT RESULTS **NEW!**

CURRENT VIEW ? ^

RESPONDENTS: 162 of 162

SAVE A

+ FILTER + COMPARE + SHOW

[QUESTION SUMMARIES](#) DATA TRENDS INDIVIDUAL RESPONSES

No rules applied ?

Rules allow you to **FILTER**, **COMPARE** and **SHOW** results to see trends and patterns.

[Learn more »](#)

All Pages ▾

Page 2: Your Most Recent Software Development Experience

SAVED VIEWS (1) ? ▾

Q1

EXPORTS (1) ? ^

[CHART TYPE](#) DISPLAY OPTIONS COLORS LABELS

↓ XLS: Data_All_181220.zip ...



+ New Export

Apply to all (Some may not change) ?

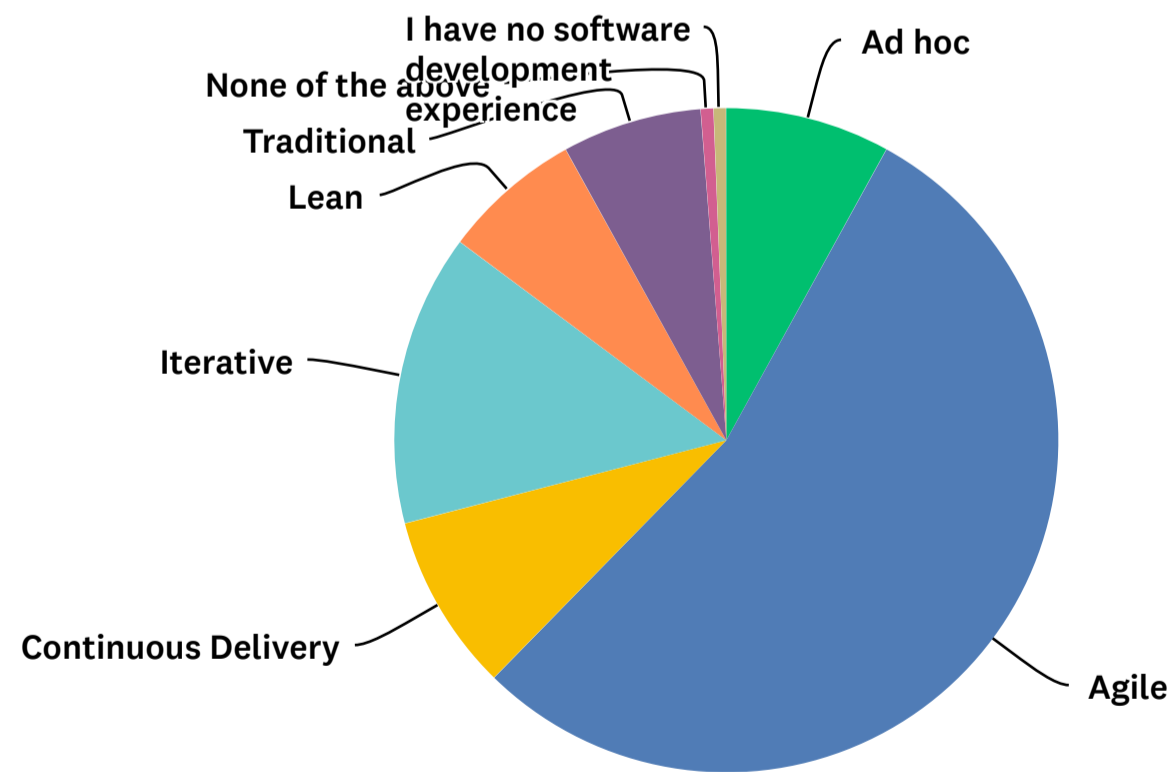
CANCEL

SAVE

SHARED DATA ? ▾

I will be answering this survey from the point of view of a team where we mostly took the following approach:

Answered: 162 Skipped: 0



ANSWER CHOICES ▾

RESPONSES

| | | |
|---|--------|----|
| Ad hoc | 8.02% | 13 |
| Agile | 54.32% | 88 |
| Continuous Delivery | 8.64% | 14 |
| Iterative | 14.20% | 23 |
| Lean | 6.79% | 11 |
| Traditional | 6.79% | 11 |
| None of the above | 0.62% | 1 |
| I have no software development experience | 0.62% | 1 |



Page 3: Your Most Recent Software Development Team

Q2

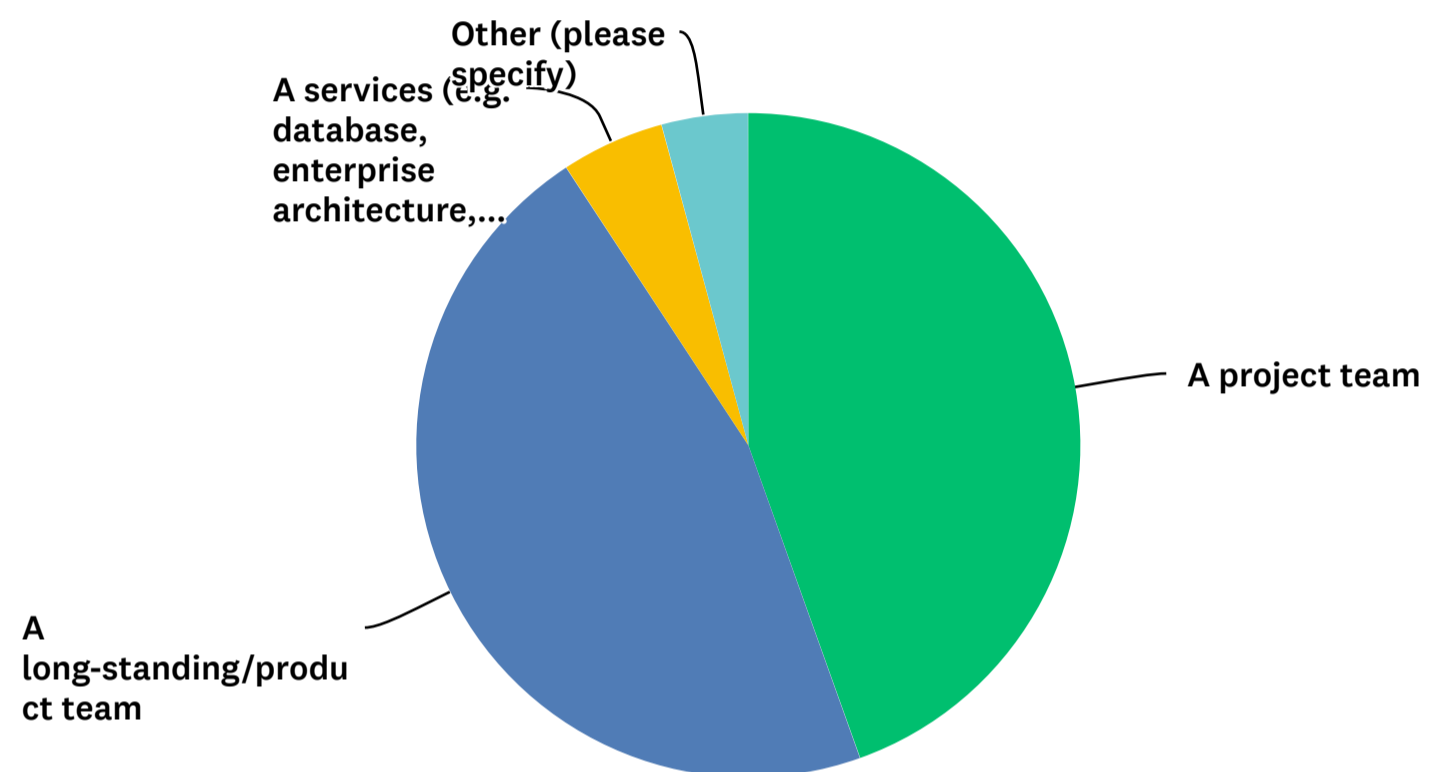
[CHART TYPE](#) DISPLAY OPTIONS COLORS LABELS
 Apply to all (Some may not change) [?](#)

CANCEL

SAVE

I would characterize my team as:

Answered: 119 Skipped: 43



ANSWER CHOICES

RESPONSES

| | | |
|---|-----------------|----|
| ▼ A project team | 44.54% | 53 |
| ▼ A long-standing/product team | 46.22% | 55 |
| ▼ A services (e.g. database, enterprise architecture, operations, ...) team | 5.04% | 6 |
| ▼ Other (please specify) | Responses 4.20% | 5 |

TOTAL

119

Q3

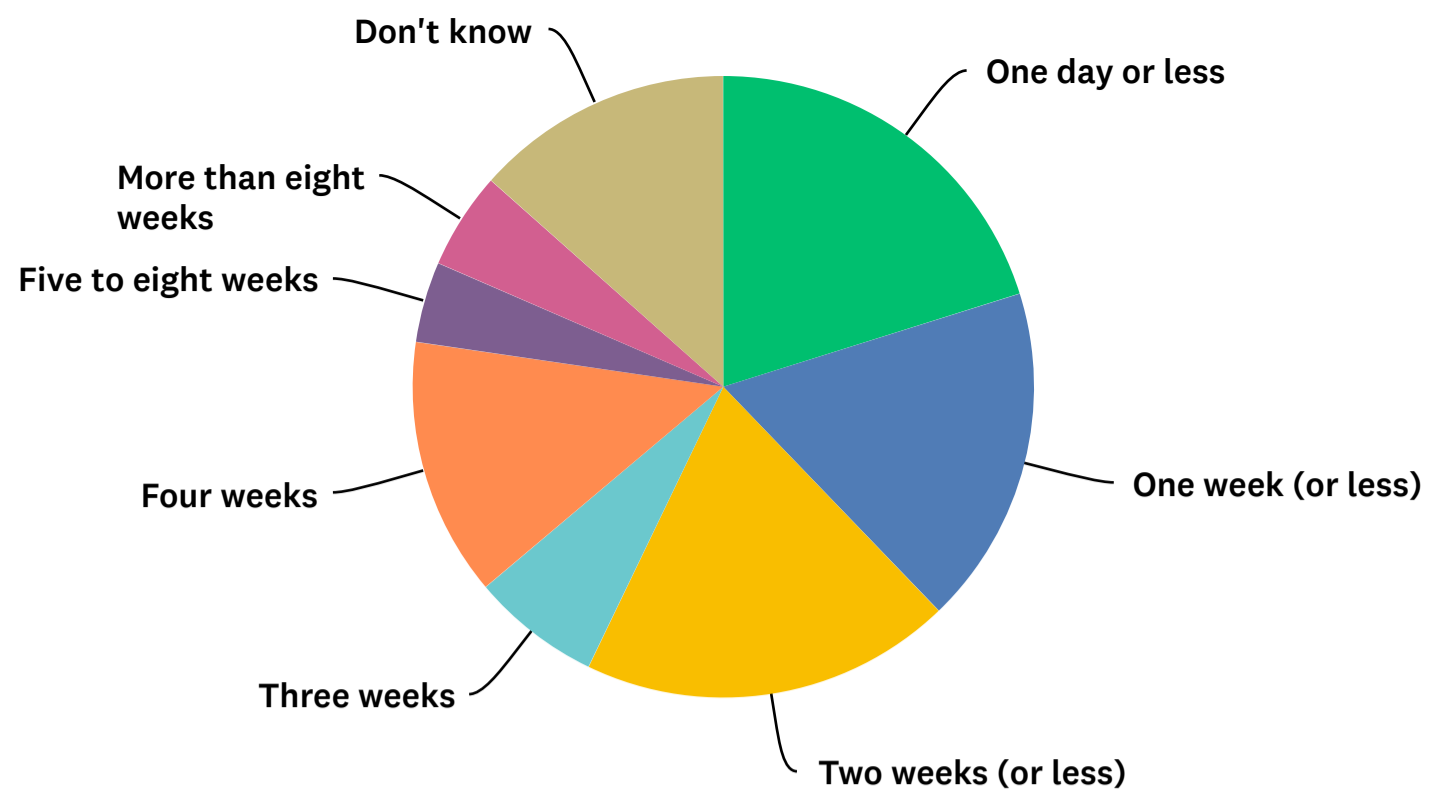
[CHART TYPE](#) DISPLAY OPTIONS COLORS LABELS
 Apply to all (Some may not change) [?](#)

CANCEL

SAVE

The amount of time the team invested to initiate ("start up" or "perform sprint 0") the team was:

Answered: 119 Skipped: 43



| ANSWER CHOICES | RESPONSES | |
|-------------------------|-----------|------------|
| ▼ One day or less | 20.17% | 24 |
| ▼ One week (or less) | 17.65% | 21 |
| ▼ Two weeks (or less) | 19.33% | 23 |
| ▼ Three weeks | 6.72% | 8 |
| ▼ Four weeks | 13.45% | 16 |
| ▼ Five to eight weeks | 4.20% | 5 |
| ▼ More than eight weeks | 5.04% | 6 |
| ▼ Don't know | 13.45% | 16 |
| TOTAL | | 119 |

Q4

CHART TYPE DISPLAY OPTIONS COLORS LABELS

The length of our sprints/iterations/timeboxes:

We don't work in sprints/iterations/timeboxes

One day (or less)

One week

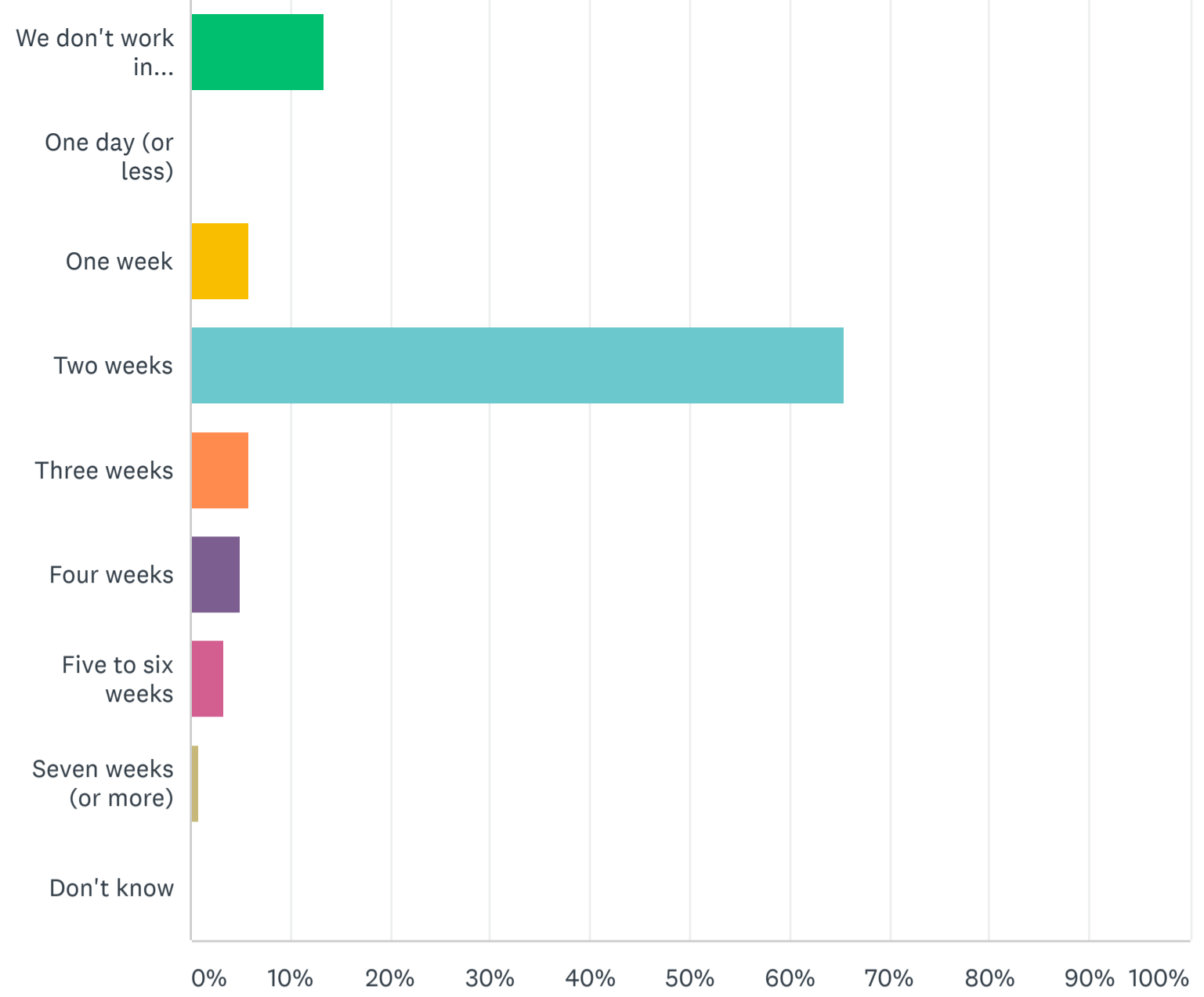
Apply to all (Some may not change) ?

CANCEL

SAVE

The length of our sprints/iterations/timeboxes:

Answered: 119 Skipped: 43



| ANSWER CHOICES | RESPONSES | |
|---|-----------|------------|
| ▼ We don't work in sprints/iterations/timeboxes | 13.45% | 16 |
| ▼ One day (or less) | 0.00% | 0 |
| ▼ One week | 5.88% | 7 |
| ▼ Two weeks | 65.55% | 78 |
| ▼ Three weeks | 5.88% | 7 |
| ▼ Four weeks | 5.04% | 6 |
| ▼ Five to six weeks | 3.36% | 4 |
| ▼ Seven weeks (or more) | 0.84% | 1 |
| ▼ Don't know | 0.00% | 0 |
| TOTAL | | 119 |

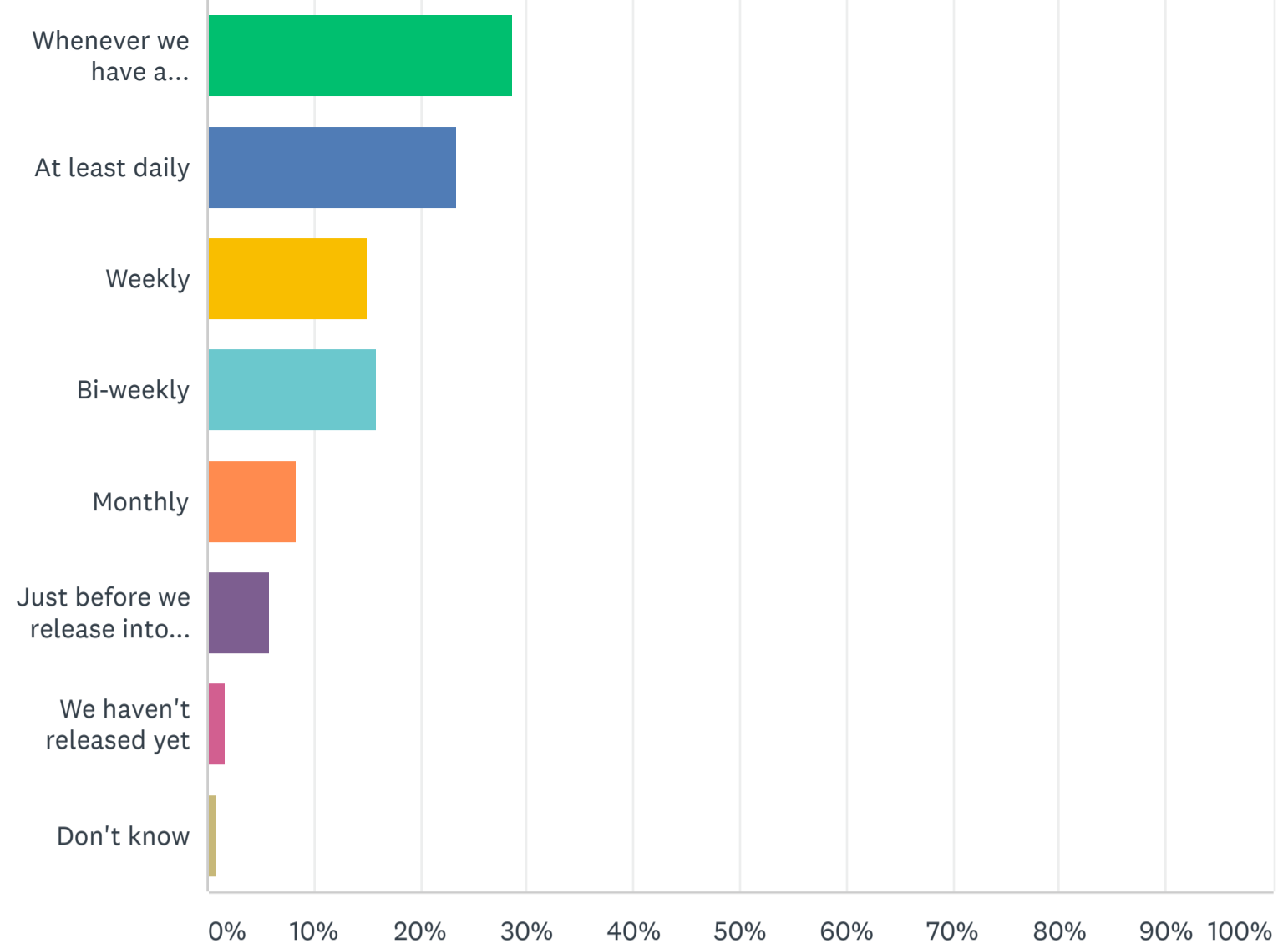
Q5

Customize

Save As

We release internally (into testing or demo environments):

Answered: 119 Skipped: 43



| ANSWER CHOICES | RESPONSES | |
|--|-----------|------------|
| ▼ Whenever we have a successful build | 28.57% | 34 |
| ▼ At least daily | 23.53% | 28 |
| ▼ Weekly | 15.13% | 18 |
| ▼ Bi-weekly | 15.97% | 19 |
| ▼ Monthly | 8.40% | 10 |
| ▼ Just before we release into production | 5.88% | 7 |
| ▼ We haven't released yet | 1.68% | 2 |
| ▼ Don't know | 0.84% | 1 |
| TOTAL | | 119 |

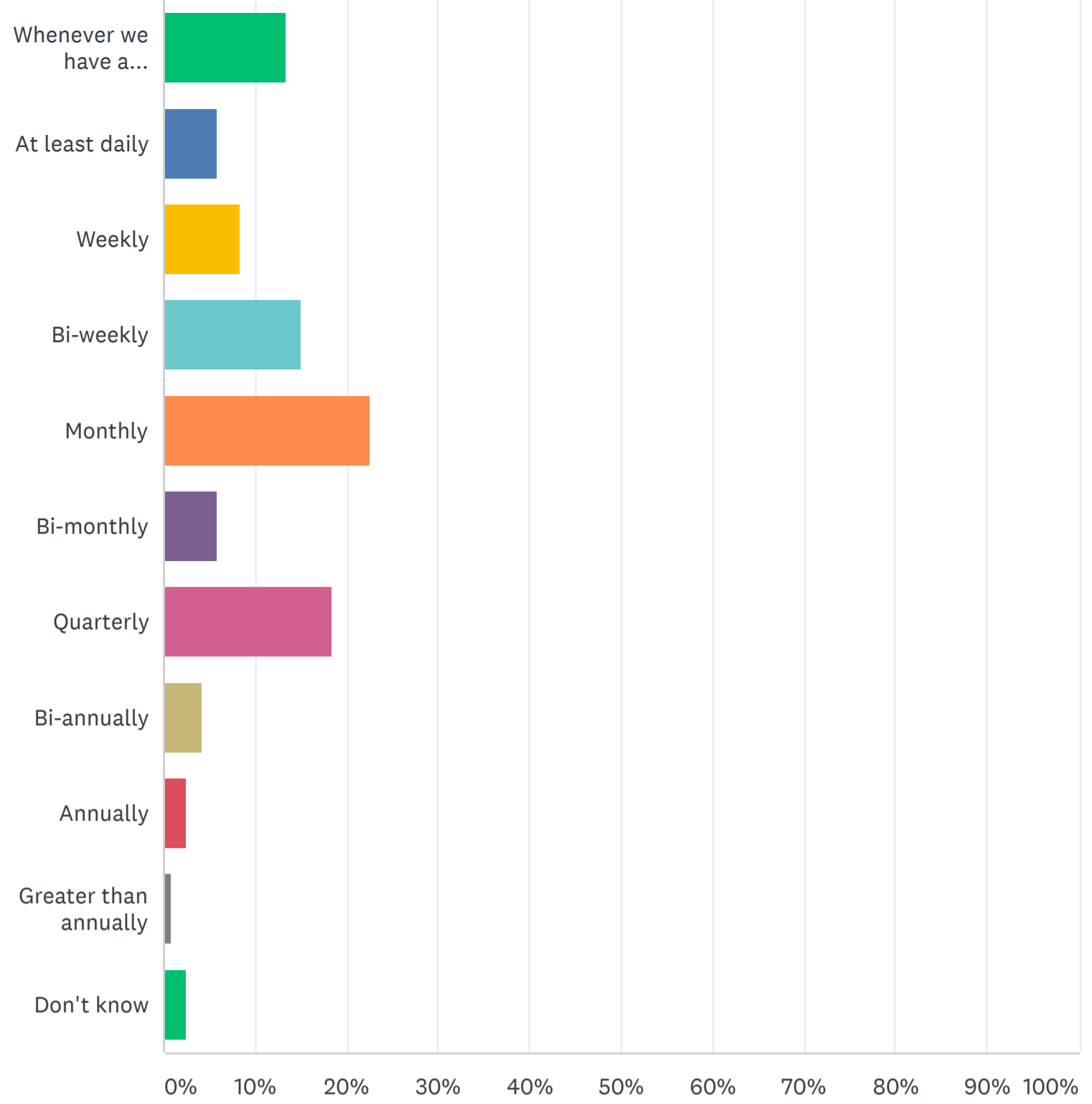
Q6

Customize

Save As

We release into production (or the marketplace):

Answered: 119 Skipped: 43



| ANSWER CHOICES | RESPONSES | |
|---------------------------------------|-----------|------------|
| ▼ Whenever we have a successful build | 13.45% | 16 |
| ▼ At least daily | 5.88% | 7 |
| ▼ Weekly | 8.40% | 10 |
| ▼ Bi-weekly | 15.13% | 18 |
| ▼ Monthly | 22.69% | 27 |
| ▼ Bi-monthly | 5.88% | 7 |
| ▼ Quarterly | 18.49% | 22 |
| ▼ Bi-annually | 4.20% | 5 |
| ▼ Annually | 2.52% | 3 |
| ▼ Greater than annually | 0.84% | 1 |
| ▼ Don't know | 2.52% | 3 |
| TOTAL | | 119 |

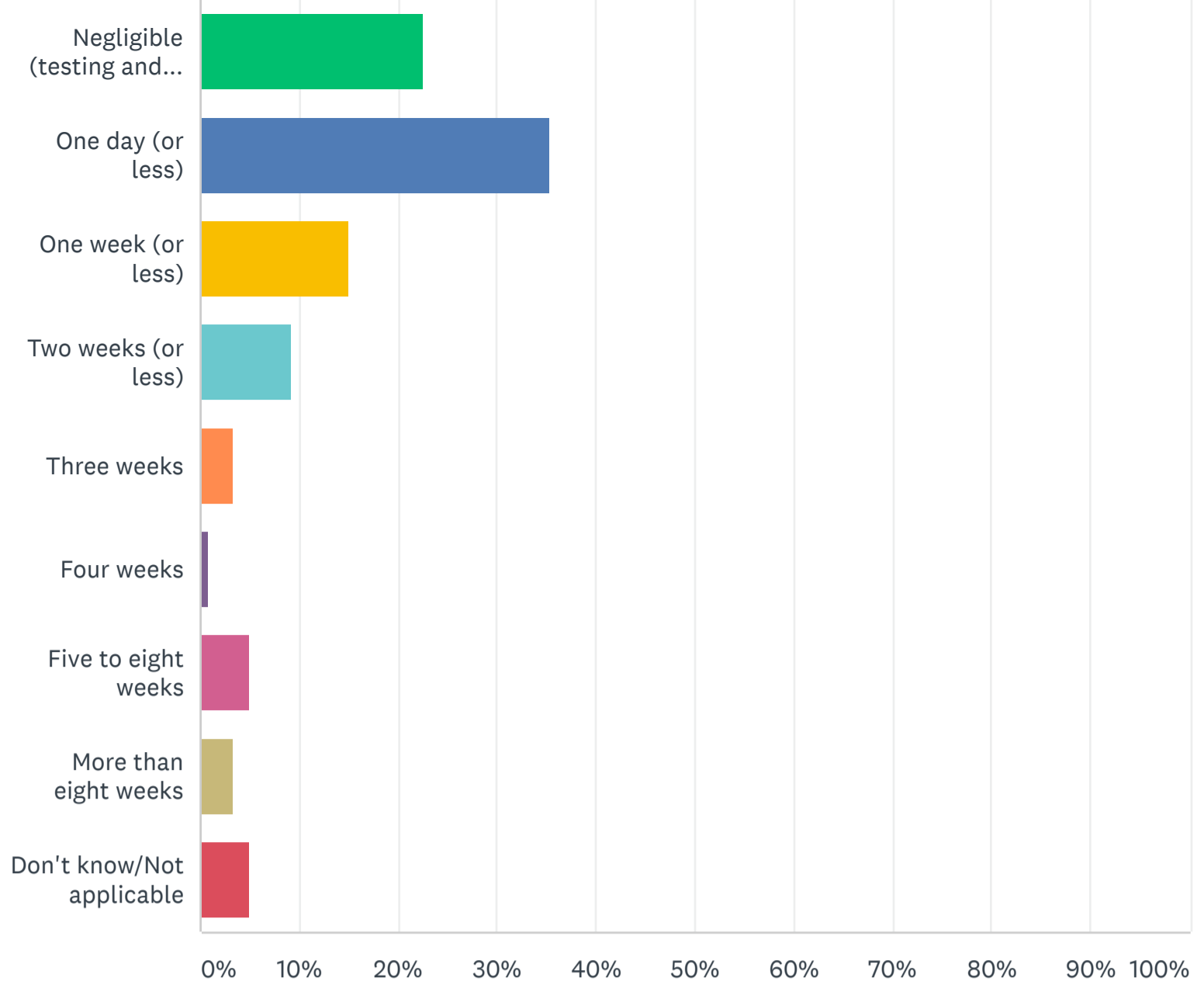
Q7

Customize

Save As

The last time this team released into production, the amount of time taken was:

Answered: 119 Skipped: 43



| ANSWER CHOICES | RESPONSES | |
|--|-----------|------------|
| ▼ Negligible (testing and deployment is fully automated) | 22.69% | 27 |
| ▼ One day (or less) | 35.29% | 42 |
| ▼ One week (or less) | 15.13% | 18 |
| ▼ Two weeks (or less) | 9.24% | 11 |
| ▼ Three weeks | 3.36% | 4 |
| ▼ Four weeks | 0.84% | 1 |
| ▼ Five to eight weeks | 5.04% | 6 |
| ▼ More than eight weeks | 3.36% | 4 |
| ▼ Don't know/Not applicable | 5.04% | 6 |
| TOTAL | | 119 |

Page 4: Governance

Q8

CHART TYPE DISPLAY OPTIONS COLORS LABELS



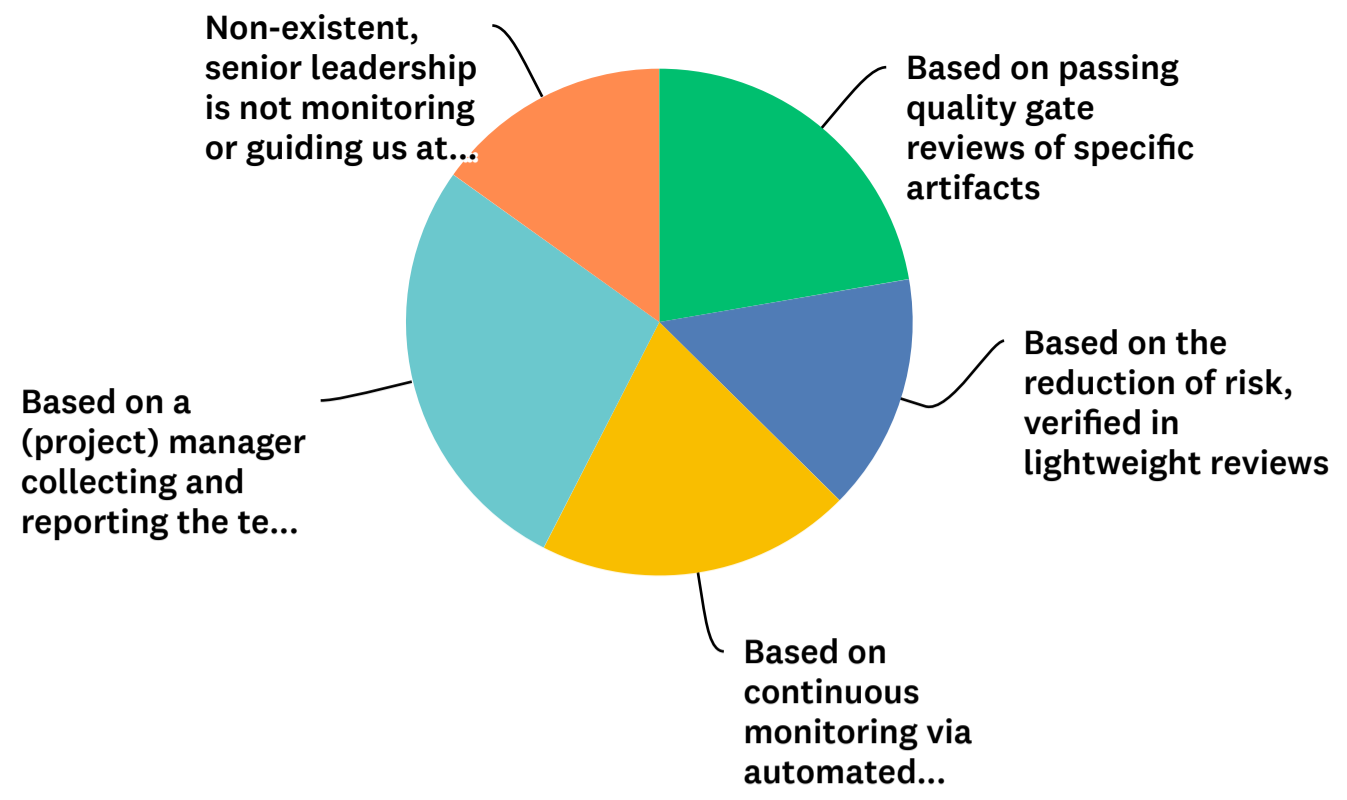
Apply to all (Some may not change) ?

CANCEL

SAVE

I would characterize how the team is/was governed as:

Answered: 139 Skipped: 23



| ANSWER CHOICES | RESPONSES |
|---|------------|
| Based on passing quality gate reviews of specific artifacts | 22.30% 31 |
| Based on the reduction of risk, verified in lightweight reviews | 15.11% 21 |
| Based on continuous monitoring via automated dashboards and collaboration with the team | 20.14% 28 |
| Based on a (project) manager collecting and reporting the team status | 27.34% 38 |
| Non-existent, senior leadership is not monitoring or guiding us at all | 15.11% 21 |
| TOTAL | 139 |

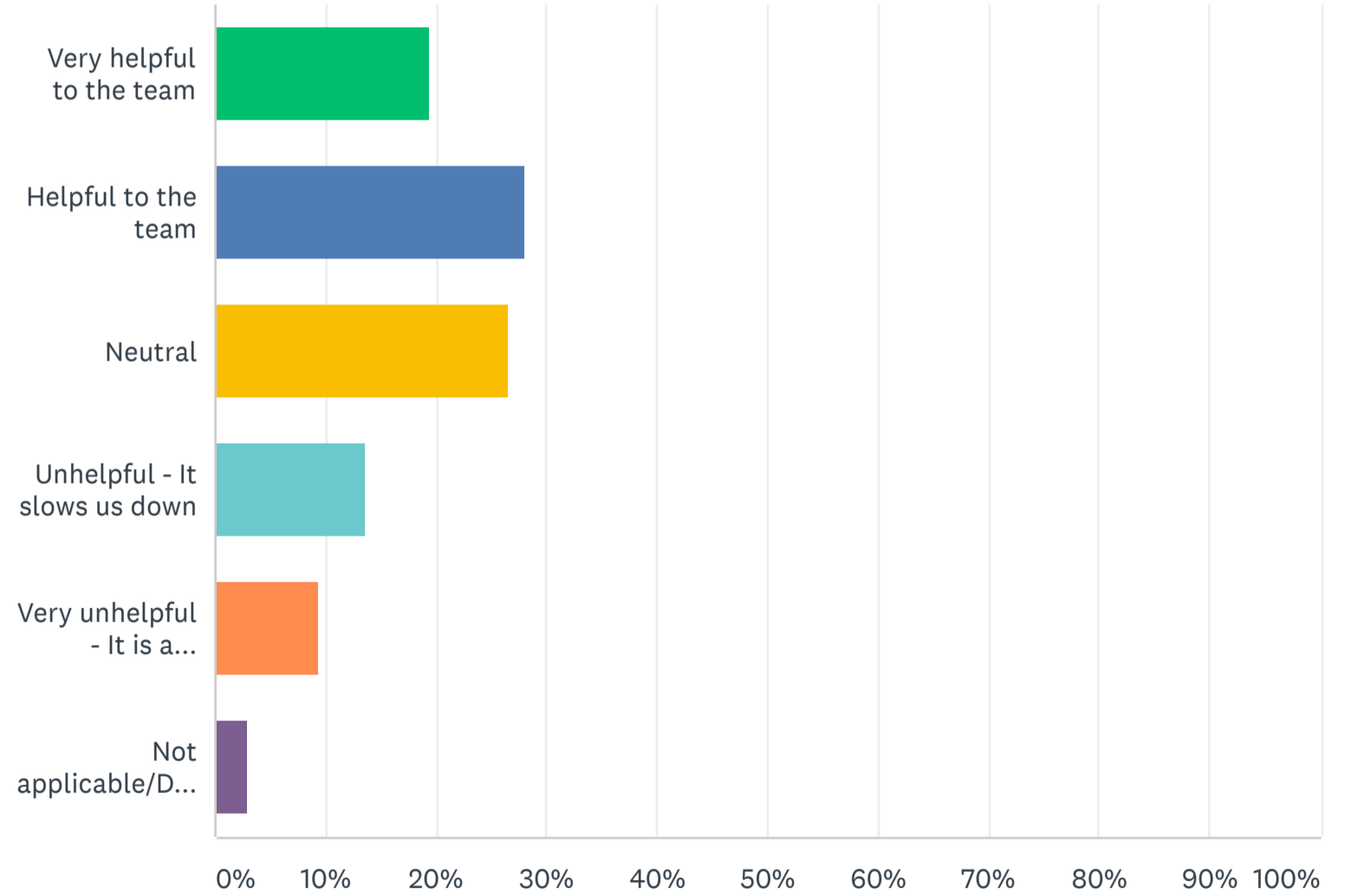
Q9

Customize

Save As

I would rate the effectiveness of the governance strategy as:

Answered: 139 Skipped: 23



| ANSWER CHOICES | RESPONSES |
|---|------------|
| Very helpful to the team | 19.42% 27 |
| Helpful to the team | 28.06% 39 |
| Neutral | 26.62% 37 |
| Unhelpful - It slows us down | 13.67% 19 |
| Very unhelpful - It is a significant overhead | 9.35% 13 |
| Not applicable/Don't know | 2.88% 4 |
| TOTAL | 139 |

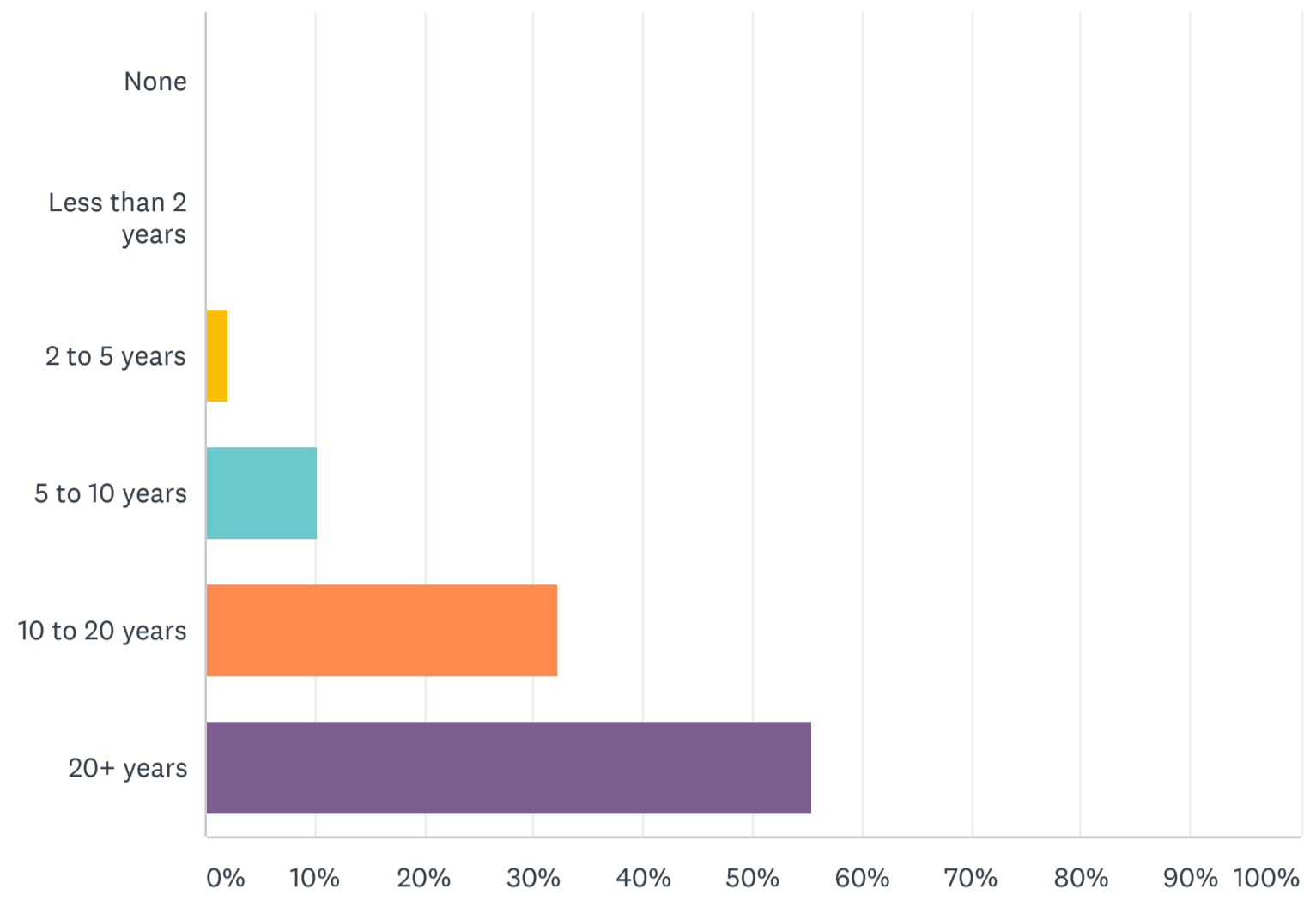
Q10

Customize

Save As

How many years of work experience do you have?

Answered: 137 Skipped: 25



| ANSWER CHOICES | RESPONSES |
|-------------------|------------|
| None | 0.00% 0 |
| Less than 2 years | 0.00% 0 |
| 2 to 5 years | 2.19% 3 |
| 5 to 10 years | 10.22% 14 |
| 10 to 20 years | 32.12% 44 |
| 20+ years | 55.47% 76 |
| TOTAL | 137 |

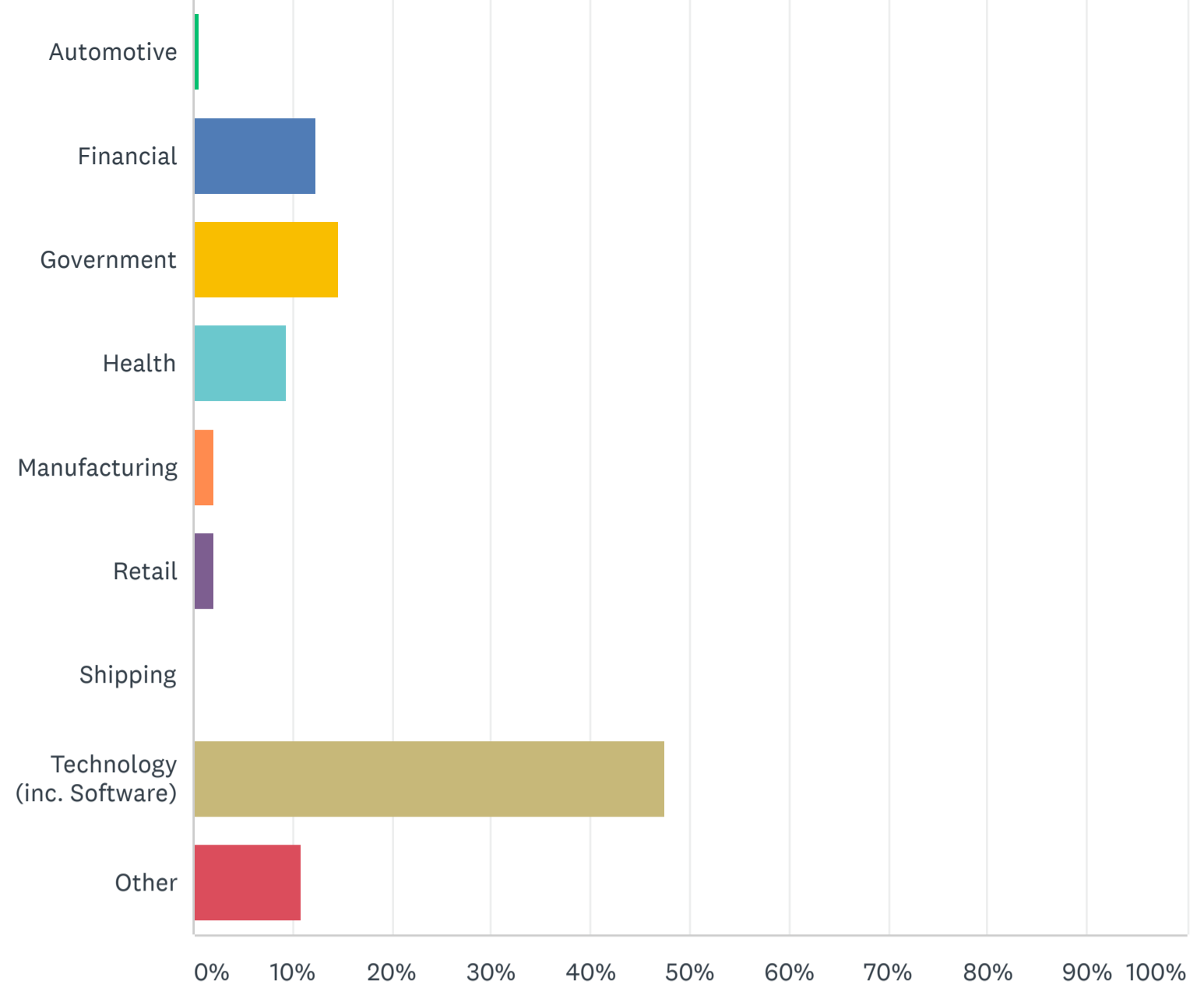
Q11

Customize

Save As

Which sector is your organization primarily in?

Answered: 137 Skipped: 25



| ANSWER CHOICES | RESPONSES | |
|------------------------------|-----------|------------|
| ▼ Automotive | 0.73% | 1 |
| ▼ Financial | 12.41% | 17 |
| ▼ Government | 14.60% | 20 |
| ▼ Health | 9.49% | 13 |
| ▼ Manufacturing | 2.19% | 3 |
| ▼ Retail | 2.19% | 3 |
| ▼ Shipping | 0.00% | 0 |
| ▼ Technology (inc. Software) | 47.45% | 65 |
| ▼ Other | 10.95% | 15 |
| TOTAL | | 137 |

Q12

Customize

Save As

Where are you located?

Answered: 137 Skipped: 25

