The Future of Language, Architecture, and Toolchains

Saturday, September 08, 2018

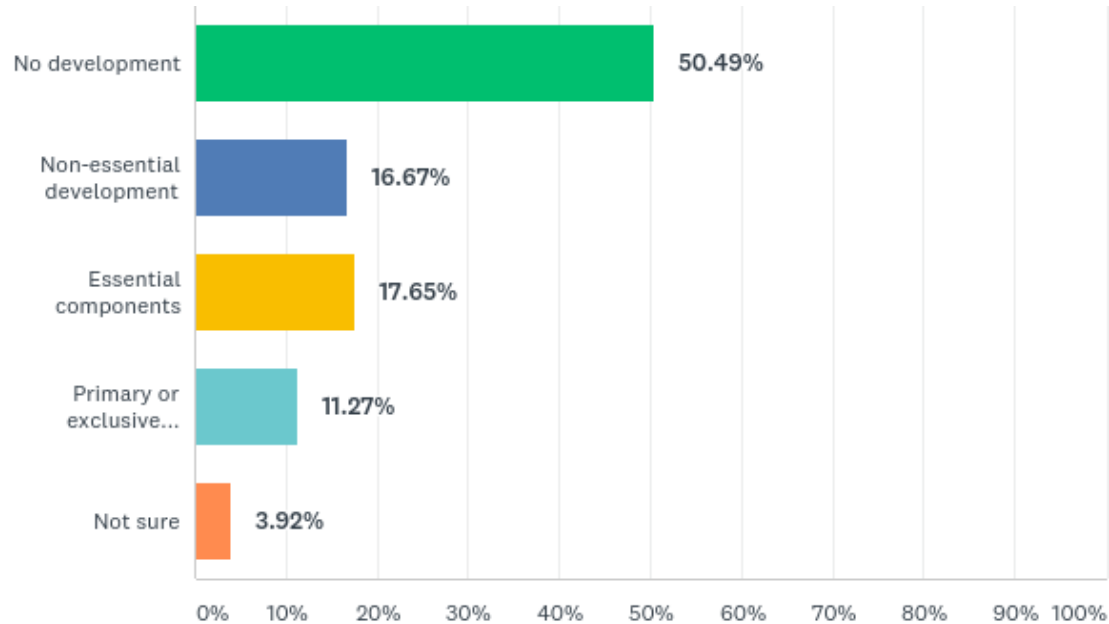**209**

Total Responses

Date Created: Monday, December 11, 2017

Complete Responses: 193

Q2: Does your organization currently develop Java (non-Android) applications?
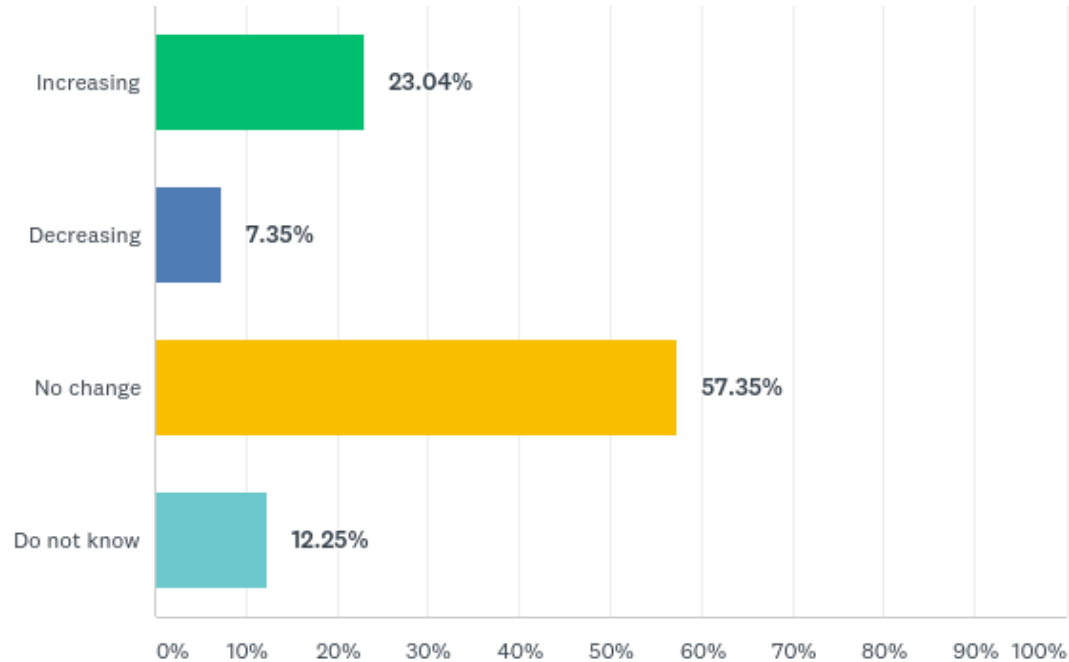
Answered: 204   Skipped: 5

Q2: Does your organization currently develop Java (non-Android) applications?

Answered: 204   Skipped: 5

ANSWER CHOICES	RESPONSES	
No development	50.49%	103
Non-essential development	16.67%	34
Essential components	17.65%	36
Primary or exclusive development language	11.27%	23
Not sure	3.92%	8
TOTAL		204

Q3: What is the organization's anticipated level of Java (non-Android) development in the next 24 months?

Answered: 204   Skipped: 5

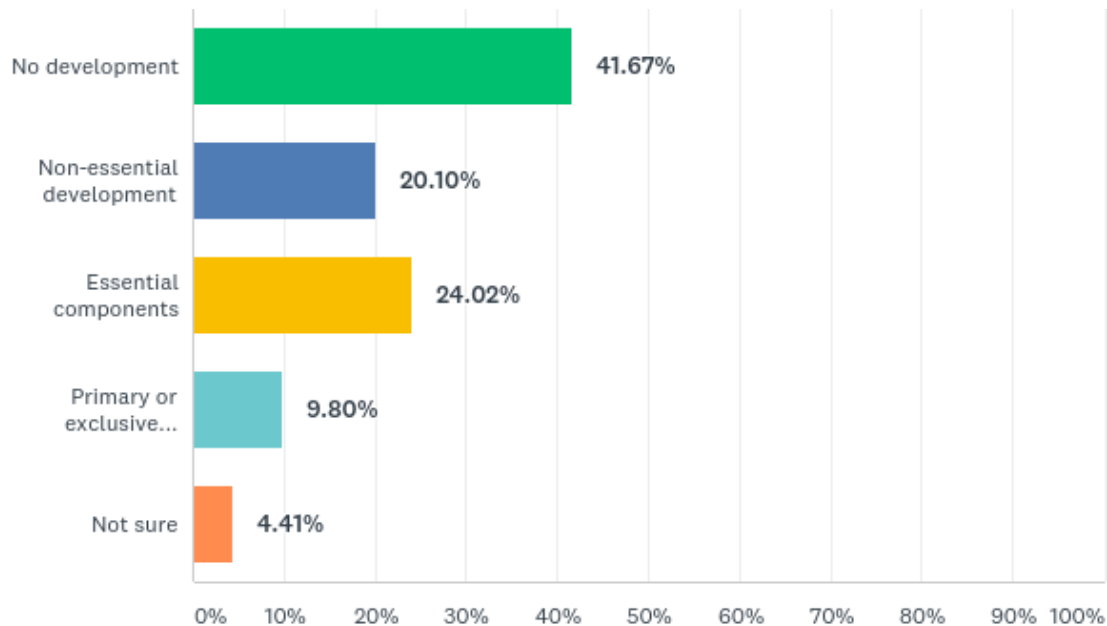| Category	Percentage
Increasing	23.04%
Decreasing	7.35%
No change	57.35%
Do not know	12.25%

Q3: What is the organization's anticipated level of Java (non-Android) development in the next 24 months?

Answered: 204   Skipped: 5

ANSWER CHOICES	RESPONSES	
Increasing	23.04%	47
Decreasing	7.35%	15
No change	57.35%	117
Do not know	12.25%	25
TOTAL		204

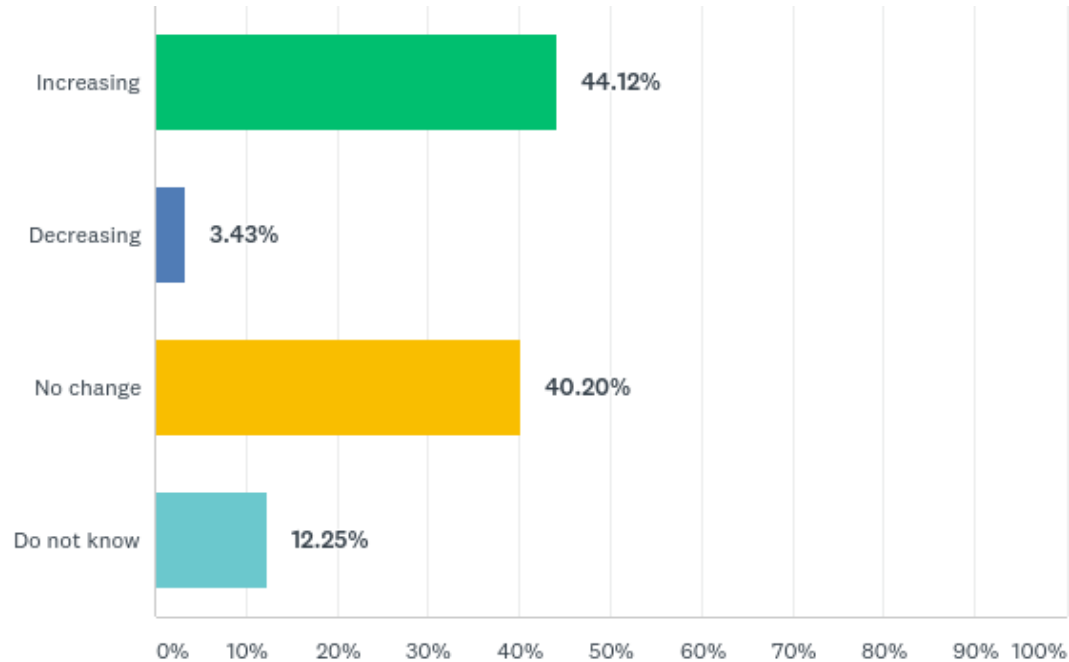# Q4: Does your organization currently develop Android applications?

Answered: 204   Skipped: 5

Q4: Does your organization currently develop Android applications?

Answered: 204   Skipped: 5

ANSWER CHOICES	RESPONSES	
No development	41.67%	85
Non-essential development	20.10%	41
Essential components	24.02%	49
Primary or exclusive development language	9.80%	20
Not sure	4.41%	9
TOTAL		204

Q5: What is the organization's anticipated level of Android development in the next 24 months?

Answered: 204   Skipped: 5

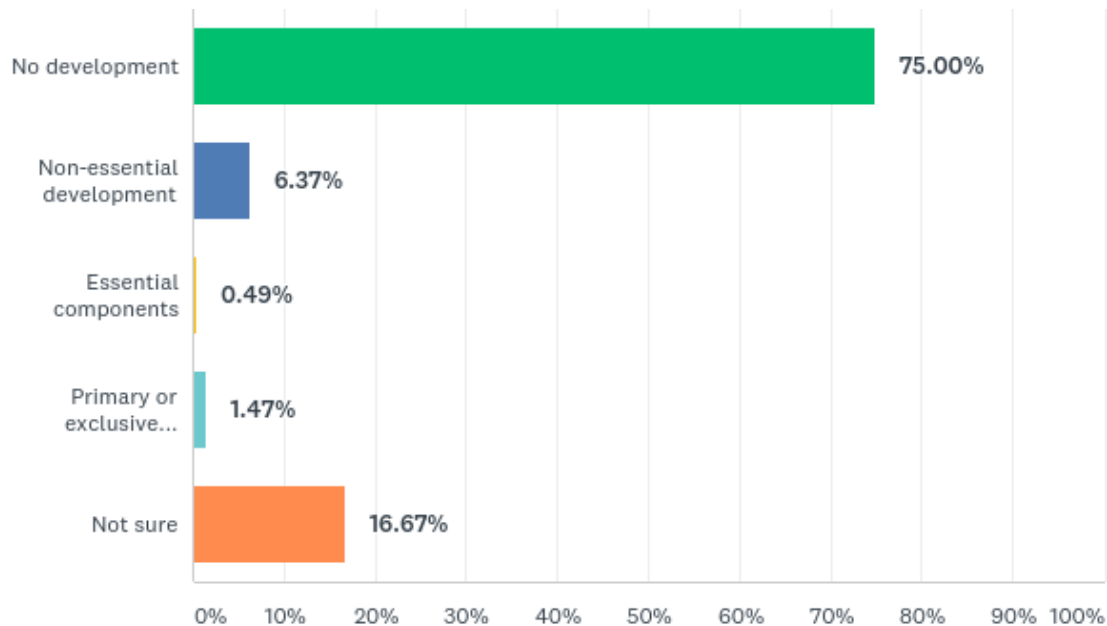| Category	Percentage
Increasing	44.12%
Decreasing	3.43%
No change	40.20%
Do not know	12.25%

Q5: What is the organization's anticipated level of Android development in the next 24 months?

Answered: 204   Skipped: 5

ANSWER CHOICES	RESPONSES	
Increasing	44.12%	90
Decreasing	3.43%	7
No change	40.20%	82
Do not know	12.25%	25
TOTAL		204

Q6: Does your organization currently develop Kotlin applications?

Answered: 204   Skipped: 5

Category	Percentage
No development	75.00%
Non-essential development	6.37%
Essential components	0.49%
Primary or exclusive...	1.47%
Not sure	16.67%

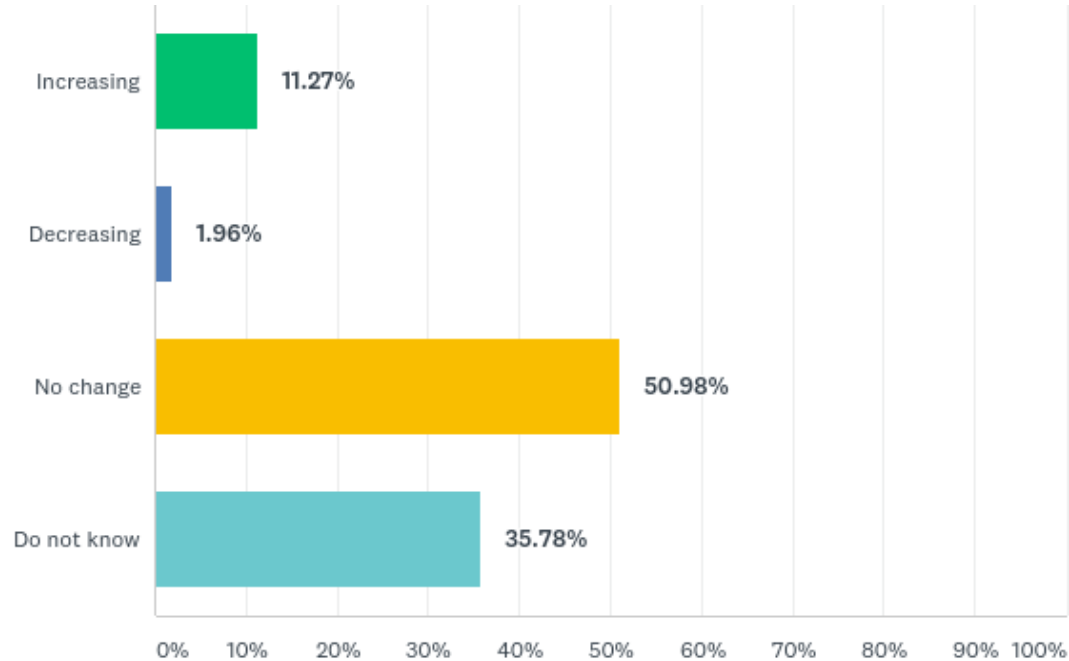# Q6: Does your organization currently develop Kotlin applications?

Answered: 204   Skipped: 5

ANSWER CHOICES	RESPONSES	
No development	75.00%	153
Non-essential development	6.37%	13
Essential components	0.49%	1
Primary or exclusive development language	1.47%	3
Not sure	16.67%	34
TOTAL		204

Q7: What is the organization's anticipated level of Kotlin development in the next 24 months?

Answered: 204   Skipped: 5

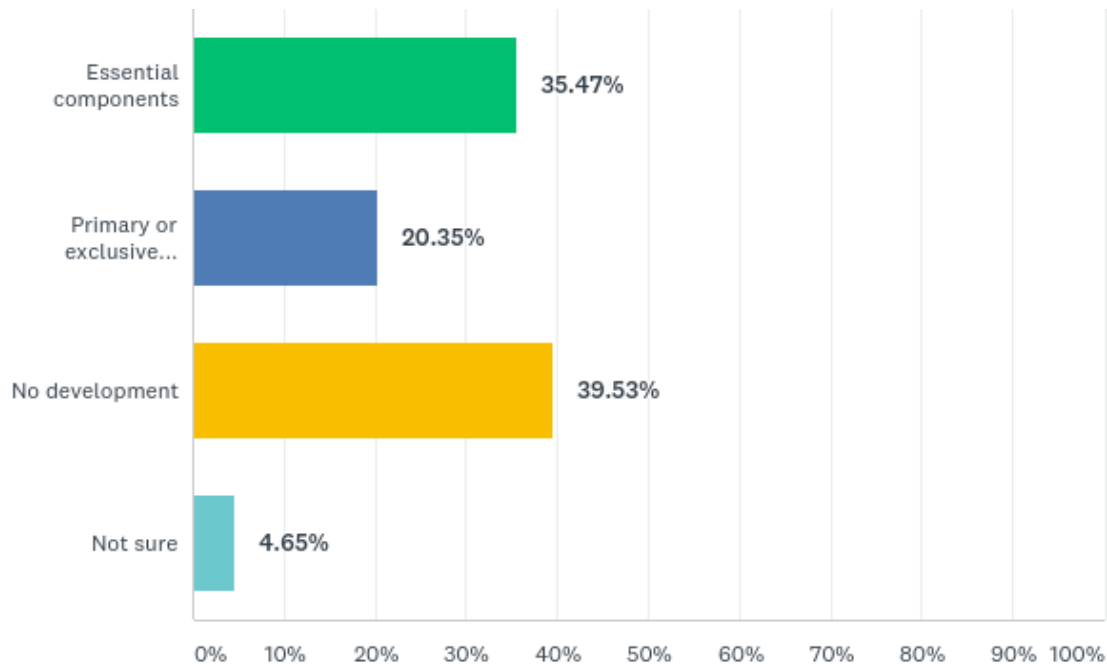| Category	Percentage
Increasing	11.27%
Decreasing	1.96%
No change	50.98%
Do not know	35.78%

Q7: What is the organization's anticipated level of Kotlin development in the next 24 months?

Answered: 204   Skipped: 5

ANSWER CHOICES	RESPONSES	
Increasing	11.27%	23
Decreasing	1.96%	4
No change	50.98%	104
Do not know	35.78%	73
TOTAL		204

Q8: Does your organization currently develop C/C++ applications?
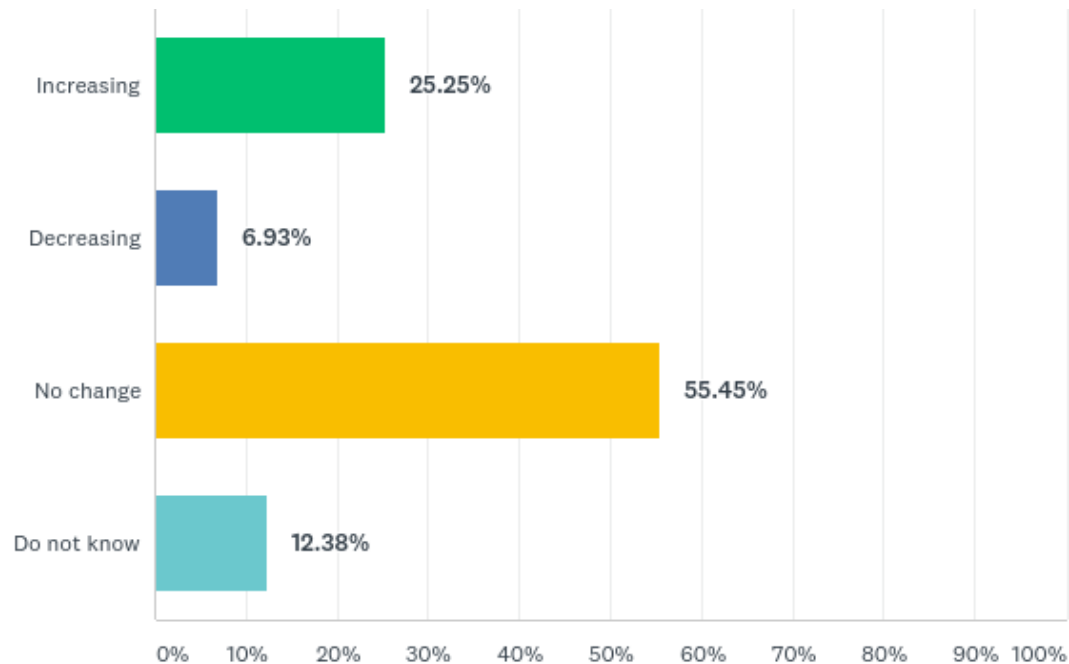
Answered: 202   Skipped: 7

Q8: Does your organization currently develop C/C++ applications?

Answered: 202   Skipped: 7

ANSWER CHOICES	RESPONSES	
Essential components	35.47%	61
Primary or exclusive development language	20.35%	35
No development	39.53%	68
Not sure	4.65%	8
TOTAL		172

Q9: What is the organization's anticipated level of C/C++ development in the next 24 months?
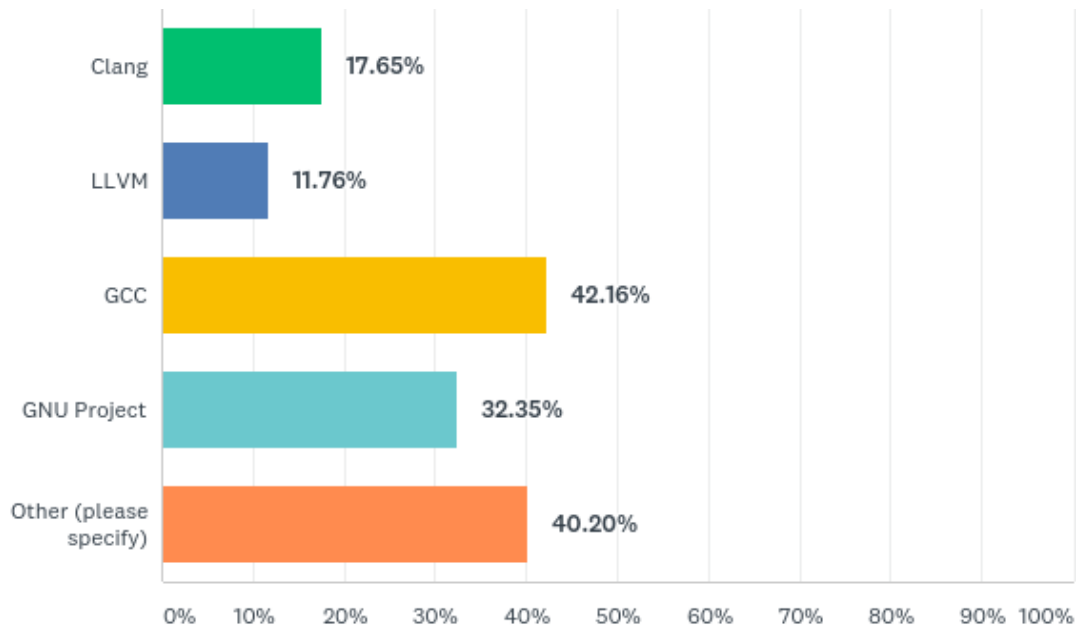
Answered: 202   Skipped: 7

Q9: What is the organization's anticipated level of C/C++ development in the next 24 months?

Answered: 202   Skipped: 7

ANSWER CHOICES	RESPONSES	
Increasing	25.25%	51
Decreasing	6.93%	14
No change	55.45%	112
Do not know	12.38%	25
TOTAL		202

Q10: Which Toolchain(s) are you using for C/C++ development?Select all that apply.

Answered: 102   Skipped: 107

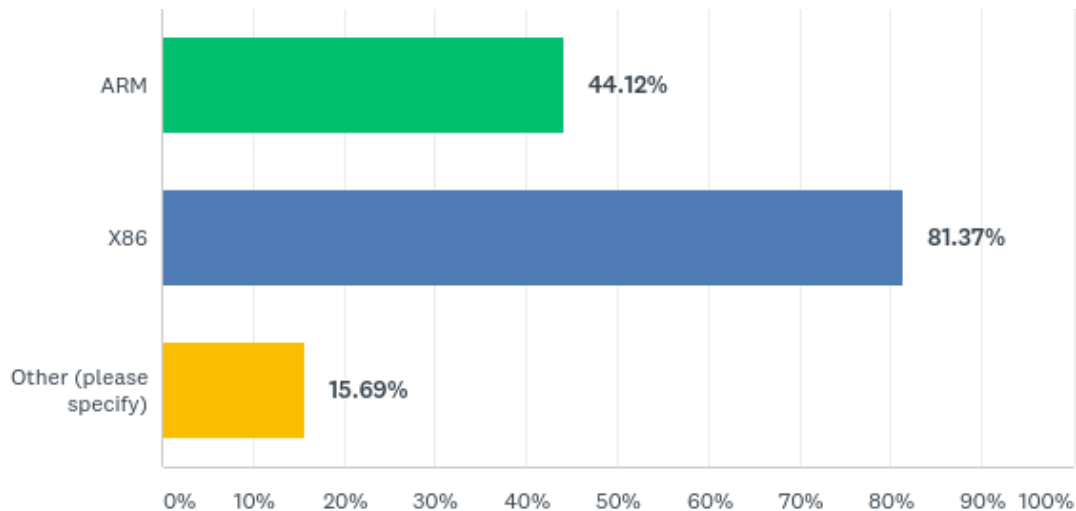| Toolchain	Percentage
Clang	17.65%
LLVM	11.76%
GCC	42.16%
GNU Project	32.35%
Other (please specify)	40.20%

Q10: Which Toolchain(s) are you using for C/C++ development?Select all that apply.

Answered: 102   Skipped: 107

ANSWER CHOICES	RESPONSES	
Clang	17.65%	18
LLVM	11.76%	12
GCC	42.16%	43
GNU Project	32.35%	33
Other (please specify)	40.20%	41
Total Respondents: 102		

Q11: What are the target architecture(s) for your C/C++ applications?Select all that apply.
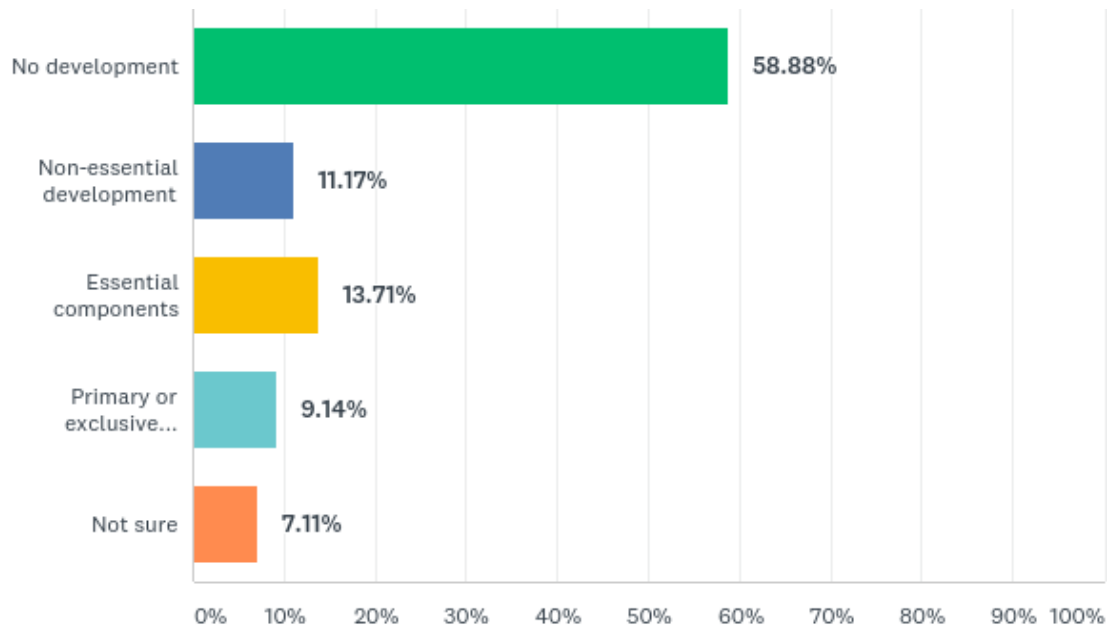
Answered: 102   Skipped: 107

Q11: What are the target architecture(s) for your C/C++ applications?Select all that apply.

Answered: 102   Skipped: 107

ANSWER CHOICES	RESPONSES	
ARM	44.12%	45
X86	81.37%	83
Other (please specify)	15.69%	16
Total Respondents: 102		

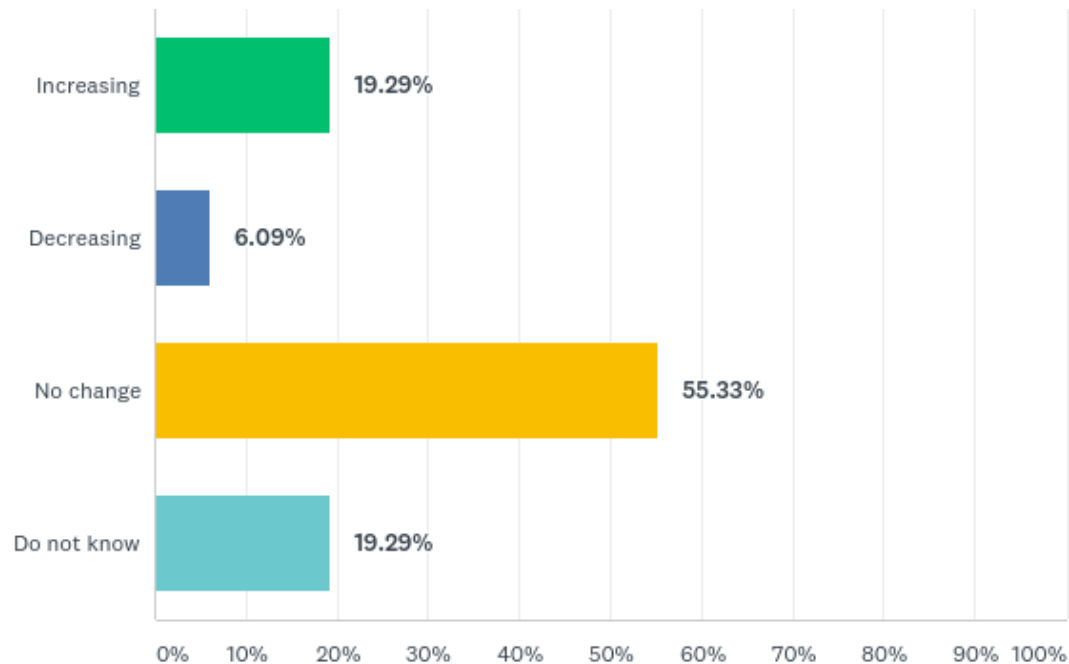# Q12: Does your organization currently develop Objective C applications?

Answered: 197   Skipped: 12

Q12: Does your organization currently develop Objective C applications?

Answered: 197   Skipped: 12

ANSWER CHOICES	RESPONSES	
No development	58.88%	116
Non-essential development	11.17%	22
Essential components	13.71%	27
Primary or exclusive development language	9.14%	18
Not sure	7.11%	14
TOTAL		197

Q13: What is the organization's anticipated level of Objective C development in the next 24 months?
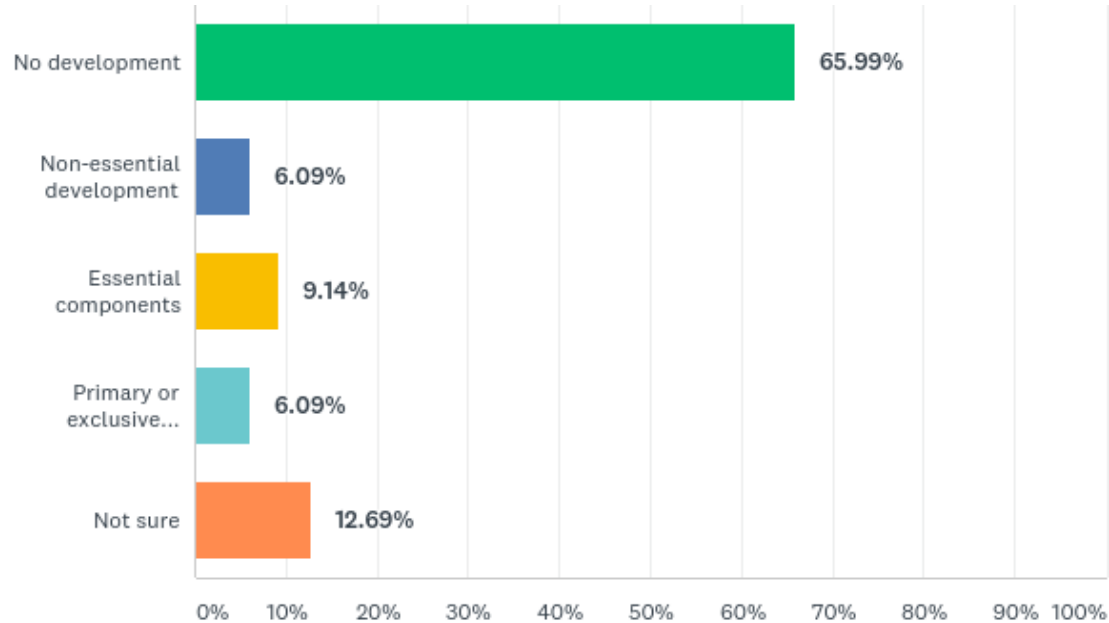
Answered: 197   Skipped: 12

Q13: What is the organization's anticipated level of Objective C development in the next 24 months?

Answered: 197   Skipped: 12

ANSWER CHOICES	RESPONSES	
Increasing	19.29%	38
Decreasing	6.09%	12
No change	55.33%	109
Do not know	19.29%	38
TOTAL		197

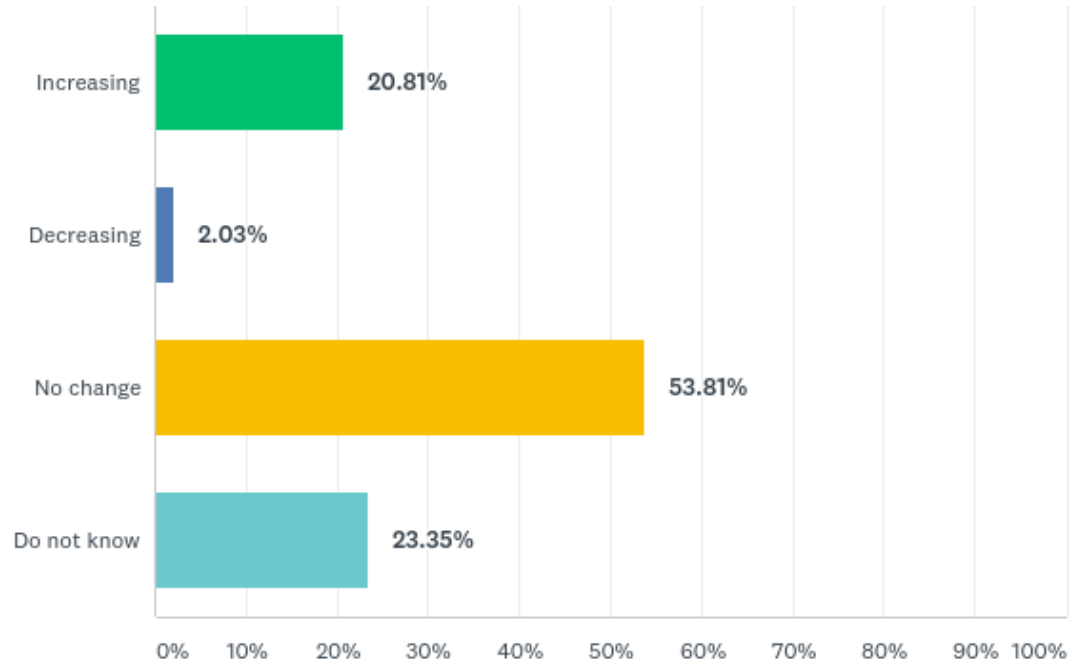# Q14: Does your organization currently develop Swift applications?

Answered: 197   Skipped: 12

Q14: Does your organization currently develop Swift applications?

Answered: 197   Skipped: 12

ANSWER CHOICES	RESPONSES	
No development	65.99%	130
Non-essential development	6.09%	12
Essential components	9.14%	18
Primary or exclusive development language	6.09%	12
Not sure	12.69%	25
TOTAL		197

Q15: What is the organization's anticipated level of Swift development in the next 24 months?

Answered: 197   Skipped: 12

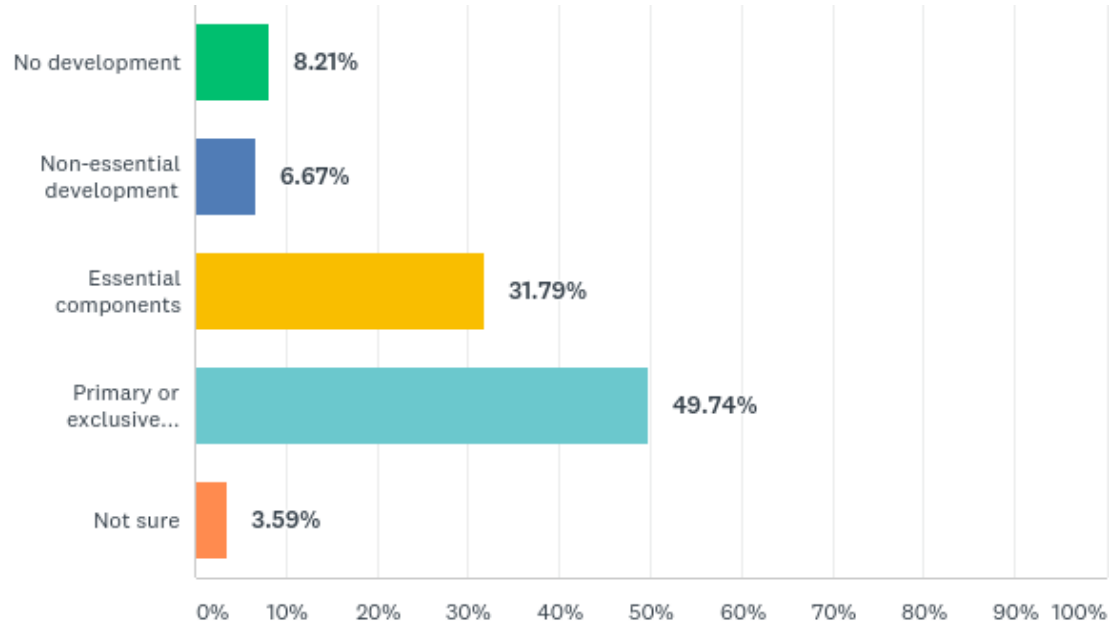# Q15: What is the organization's anticipated level of Swift development in the next 24 months?

Answered: 197   Skipped: 12

ANSWER CHOICES	RESPONSES	
Increasing	20.81%	41
Decreasing	2.03%	4
No change	53.81%	106
Do not know	23.35%	46
TOTAL		197

Q16: Does your organization currently develop .NET Framework Classic applications?

Answered: 195   Skipped: 14

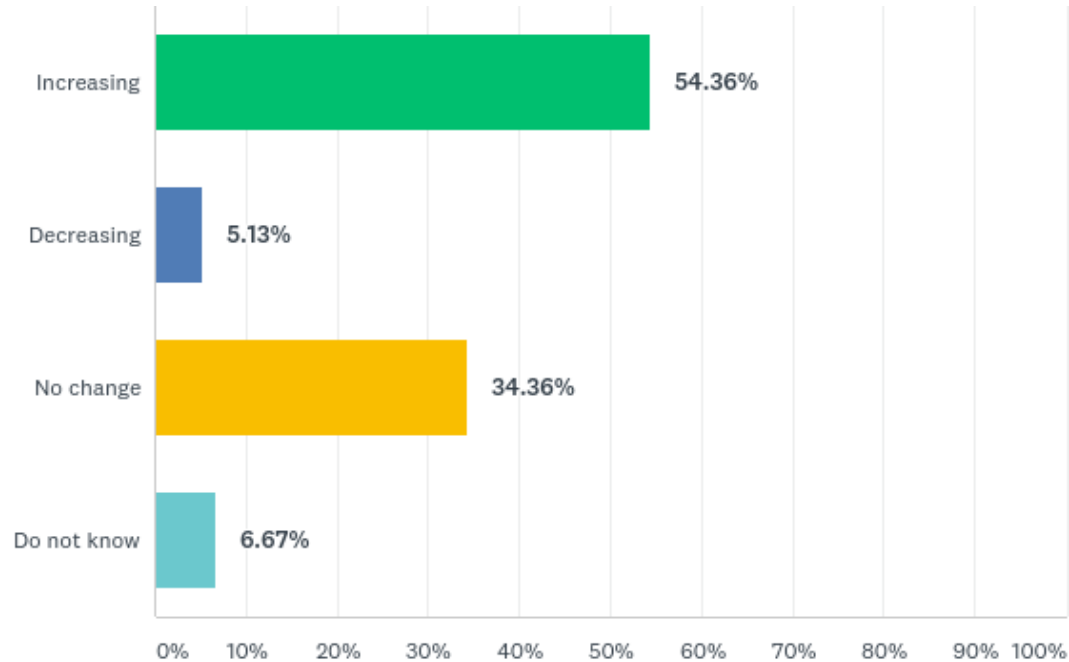| Category	Percentage
No development	8.21%
Non-essential development	6.67%
Essential components	31.79%
Primary or exclusive...	49.74%
Not sure	3.59%

Q16: Does your organization currently develop .NET Framework Classic applications?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
No development	8.21%	16
Non-essential development	6.67%	13
Essential components	31.79%	62
Primary or exclusive development language	49.74%	97
Not sure	3.59%	7
TOTAL		195

Q17: What is the organization's anticipated level of .NET Framework Classic development in the next 24 months?

Answered: 195   Skipped: 14

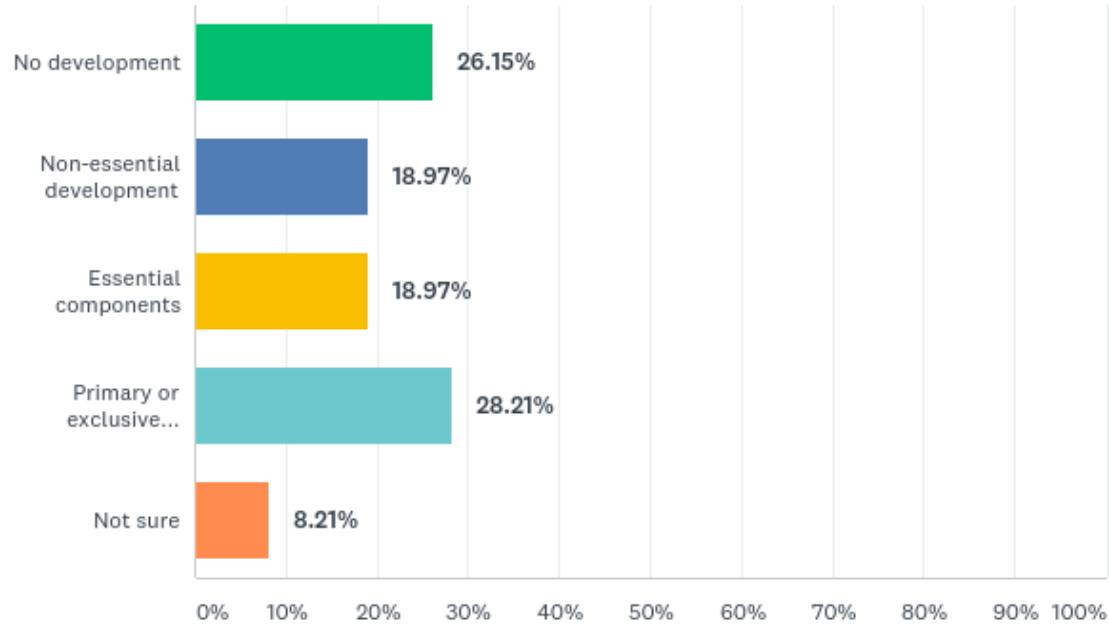| Category	Percentage
Increasing	54.36%
Decreasing	5.13%
No change	34.36%
Do not know	6.67%

Q17: What is the organization's anticipated level of .NET Framework Classic development in the next 24 months?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
Increasing	54.36%	106
Decreasing	5.13%	10
No change	34.36%	67
Do not know	6.67%	13
TOTAL		195

Q18: Does your organization currently develop .NET Core applications?

Answered: 195   Skipped: 14

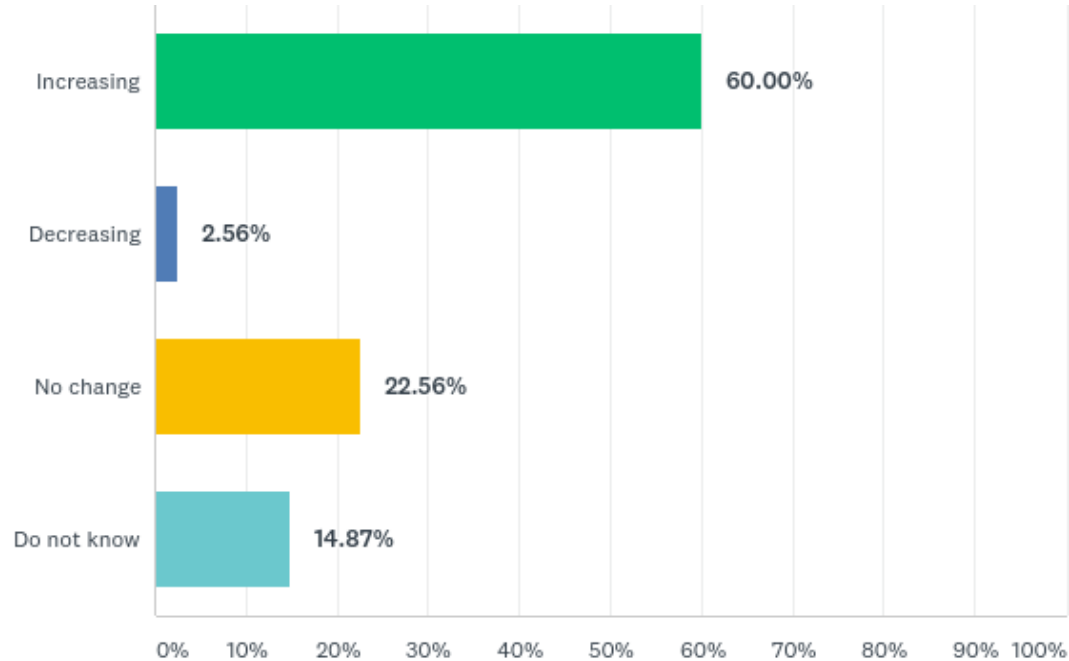| Category	Percentage
No development	26.15%
Non-essential development	18.97%
Essential components	18.97%
Primary or exclusive...	28.21%
Not sure	8.21%

Q18: Does your organization currently develop .NET Core applications?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
No development	26.15%	51
Non-essential development	18.97%	37
Essential components	18.97%	37
Primary or exclusive development language	28.21%	55
Not sure	8.21%	16
TOTAL		195

Q19: What is the organization's anticipated level of .NET Core development in the next 24 months?
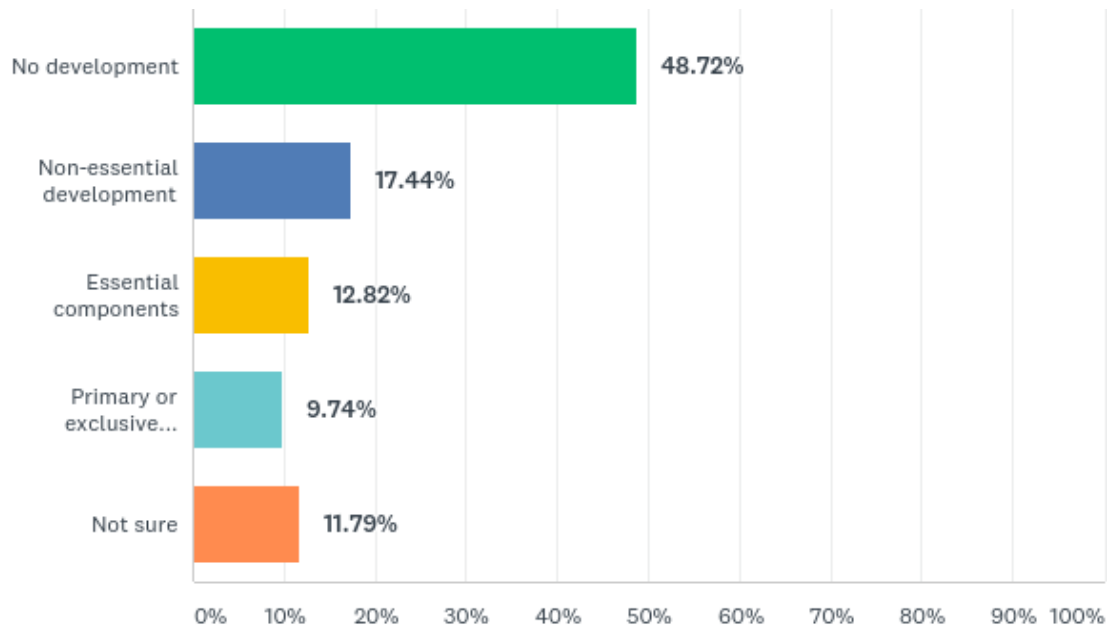
Answered: 195   Skipped: 14

Q19: What is the organization's anticipated level of .NET Core development in the next 24 months?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
Increasing	60.00%	117
Decreasing	2.56%	5
No change	22.56%	44
Do not know	14.87%	29
TOTAL		195

Q20: Does your organization currently develop Xamarin applications?

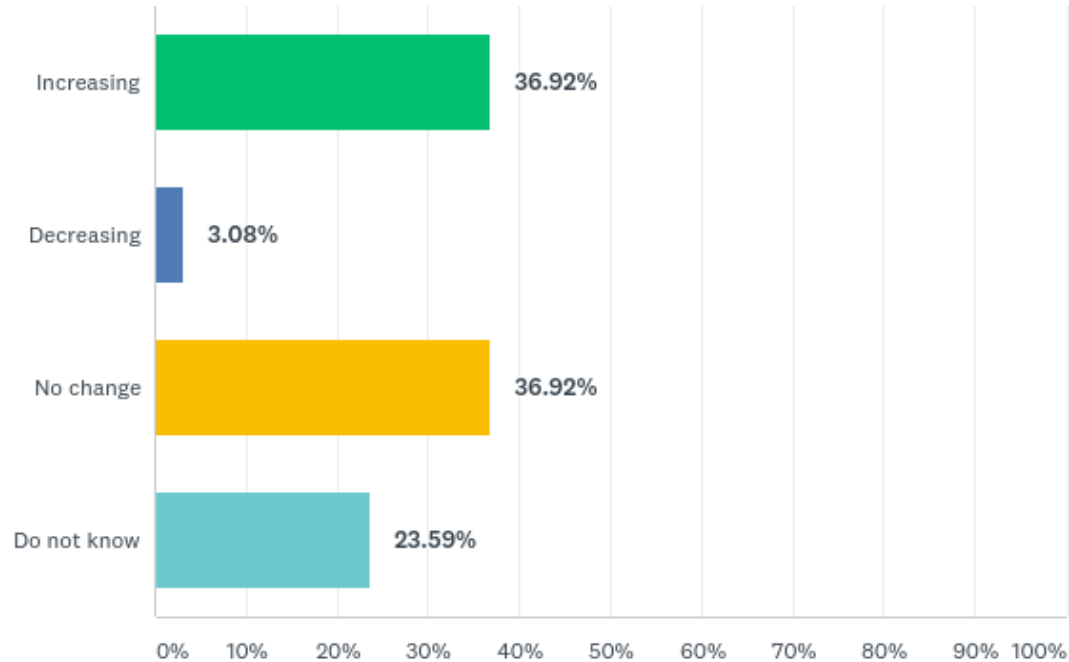| Answer	Percentage
No development	48.72%
Non-essential development	17.44%
Essential components	12.82%
Primary or exclusive...	9.74%
Not sure	11.79%

Q20: Does your organization currently develop Xamarin applications?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
No development	48.72%	95
Non-essential development	17.44%	34
Essential components	12.82%	25
Primary or exclusive development language	9.74%	19
Not sure	11.79%	23
TOTAL		195

Q21: What is the organization's anticipated level of Xamarin development in the next 24 months?
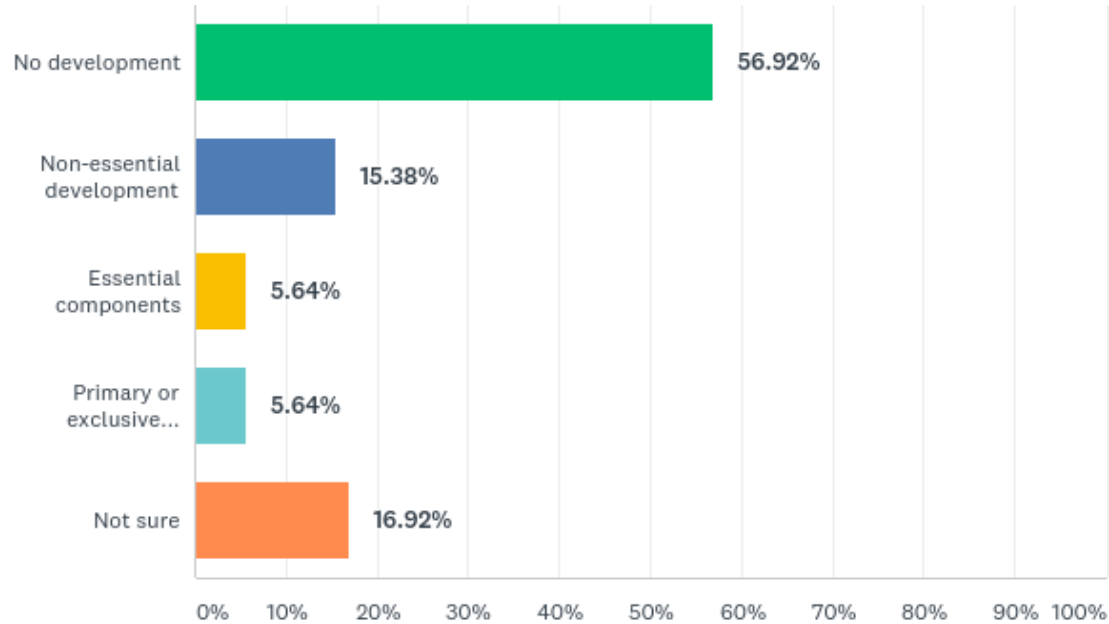
Answered: 195   Skipped: 14

Q21: What is the organization's anticipated level of Xamarin development in the next 24 months?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
Increasing	36.92%	72
Decreasing	3.08%	6
No change	36.92%	72
Do not know	23.59%	46
TOTAL		195

Q22: Does your organization currently develop UWP applications?

Answered: 195   Skipped: 14

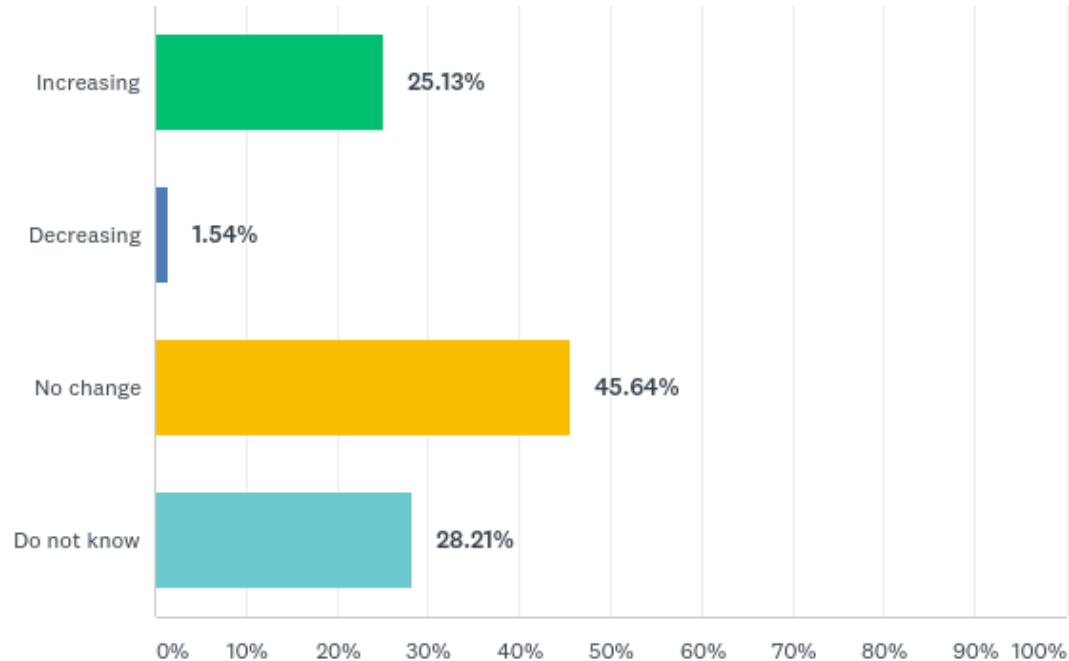| Category	Percentage
No development	56.92%
Non-essential development	15.38%
Essential components	5.64%
Primary or exclusive...	5.64%
Not sure	16.92%

Q22: Does your organization currently develop UWP applications?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
No development	56.92%	111
Non-essential development	15.38%	30
Essential components	5.64%	11
Primary or exclusive development language	5.64%	11
Not sure	16.92%	33
TOTAL		195

Q23: What is the organization's anticipated level of UWP development in the next 24 months?
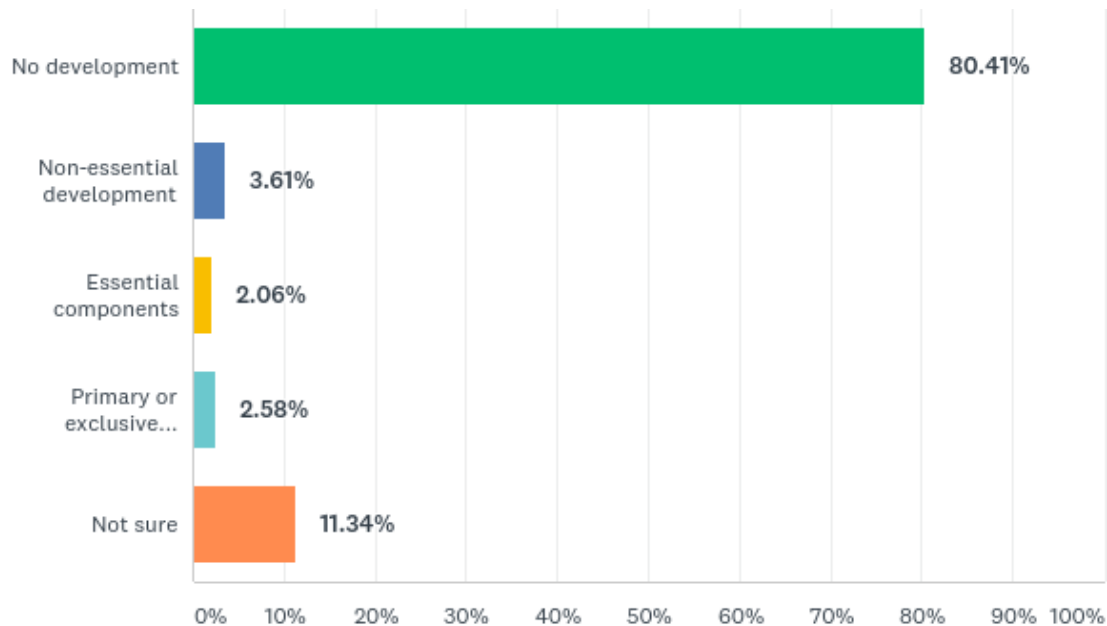
Answered: 195   Skipped: 14

Q23: What is the organization's anticipated level of UWP development in the next 24 months?

Answered: 195   Skipped: 14

ANSWER CHOICES	RESPONSES	
Increasing	25.13%	49
Decreasing	1.54%	3
No change	45.64%	89
Do not know	28.21%	55
TOTAL		195

Q24: Does your organization currently develop F# applications?
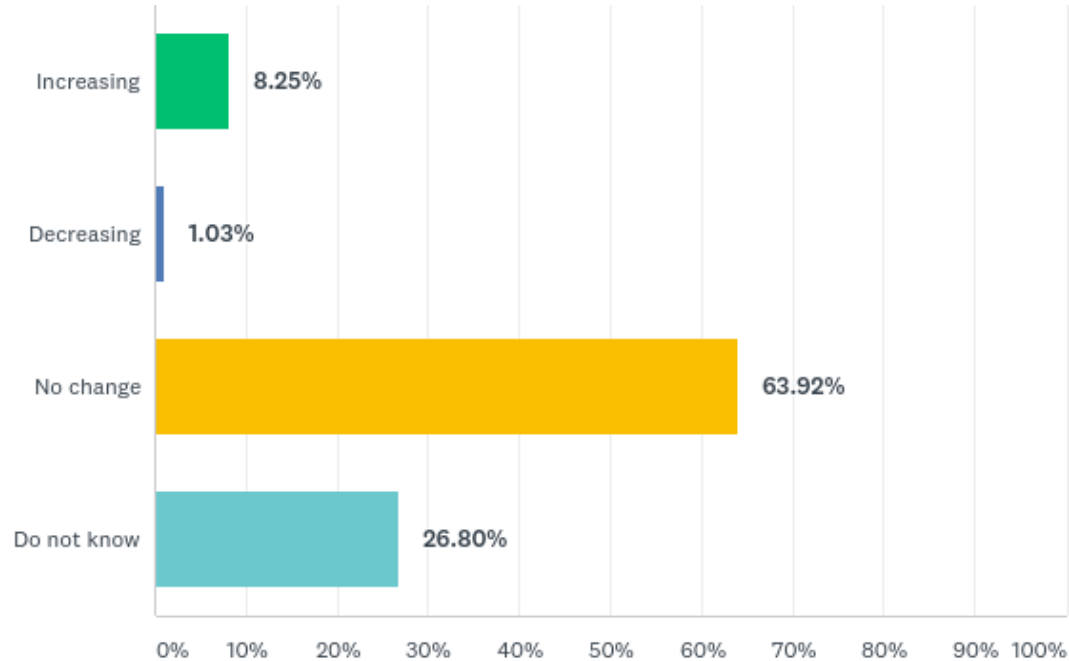
Answered: 194   Skipped: 15

No development	80.41%
Non-essential development	3.61%
Essential components	2.06%
Primary or exclusive...	2.58%
Not sure	11.34%

Q24: Does your organization currently develop F# applications?

Answered: 194   Skipped: 15

ANSWER CHOICES	RESPONSES	
No development	80.41%	156
Non-essential development	3.61%	7
Essential components	2.06%	4
Primary or exclusive development language	2.58%	5
Not sure	11.34%	22
TOTAL		194

Q25: What is the organization's anticipated level of F# development in the next 24 months?
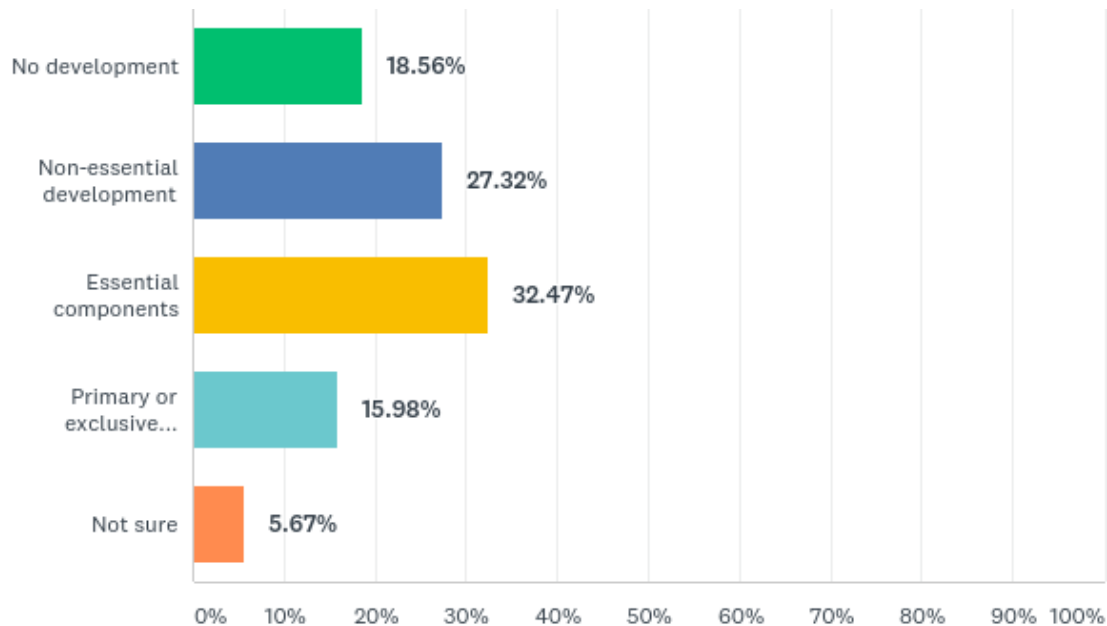
Answered: 194   Skipped: 15

Q25: What is the organization's anticipated level of F# development in the next 24 months?

Answered: 194   Skipped: 15

ANSWER CHOICES	RESPONSES	
Increasing	8.25%	16
Decreasing	1.03%	2
No change	63.92%	124
Do not know	26.80%	52
TOTAL		194

Q20. Does your organization currently develop Interpreted Languages (e.g.JavaScript, Perl, PHP, Python, Ruby, R) applications?

Answered: 194   Skipped: 15

Answer	Percentage
No development	18.56%
Non-essential development	27.32%
Essential components	32.47%
Primary or exclusive...	15.98%
Not sure	5.67%

Q26. Does your organization currently develop Interpreted Languages (e.g.JavaScript, Perl, PHP, Python, Ruby, R) applications?
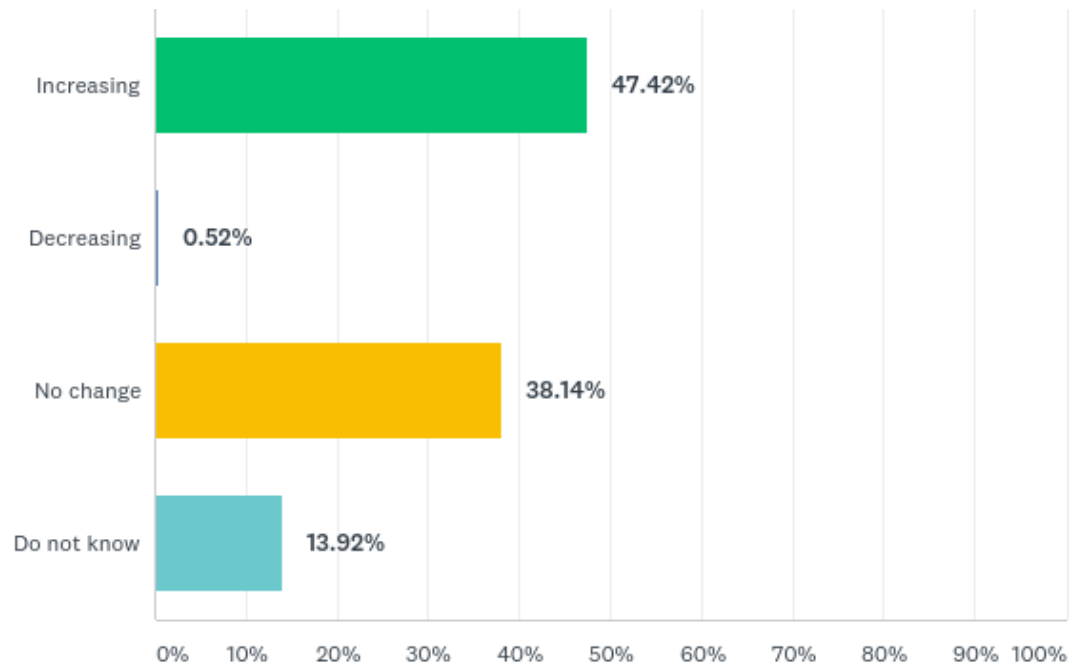
Answered: 194   Skipped: 15

ANSWER CHOICES	RESPONSES	
No development	18.56%	36
Non-essential development	27.32%	53
Essential components	32.47%	63
Primary or exclusive development language	15.98%	31
Not sure	5.67%	11
TOTAL		194

Q21: What is the organization's anticipated level of (e.g.JavaScript, Perl, PHP, Python, Ruby, R) development in the next 24 months?

Answered: 194   Skipped: 15

Q21. What is the organization's anticipated level of (e.g.JavaScript, Perl, PHP, Python, Ruby, R) development in the next 24 months?

Answered: 194   Skipped: 15

ANSWER CHOICES	RESPONSES	
Increasing	47.42%	92
Decreasing	0.52%	1
No change	38.14%	74
Do not know	13.92%	27
TOTAL		194