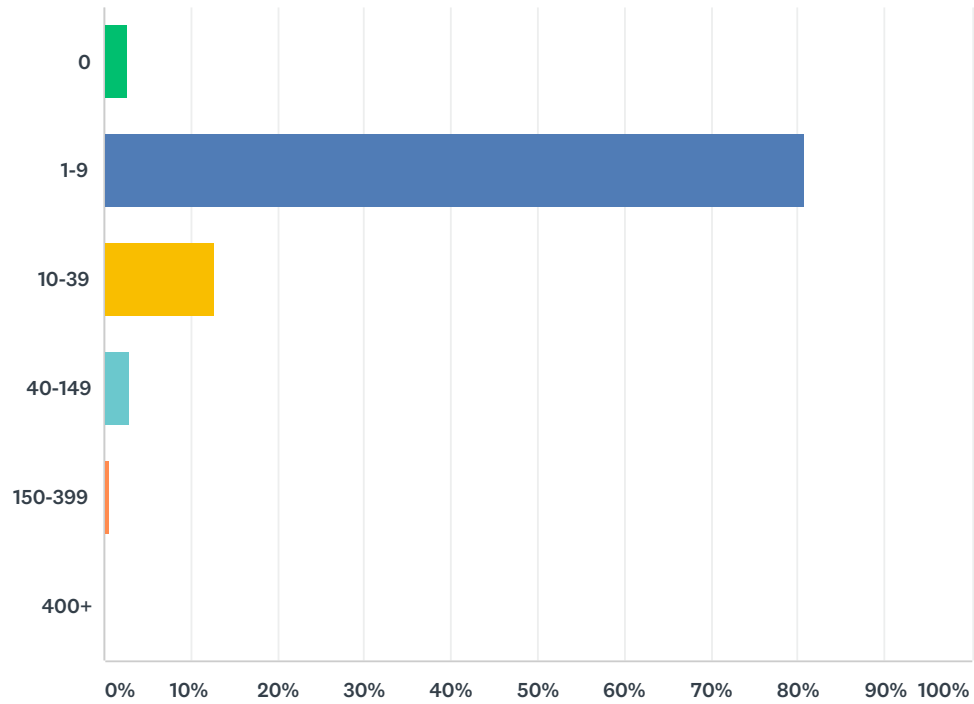


Q1 In total, how many colonies do you currently own?

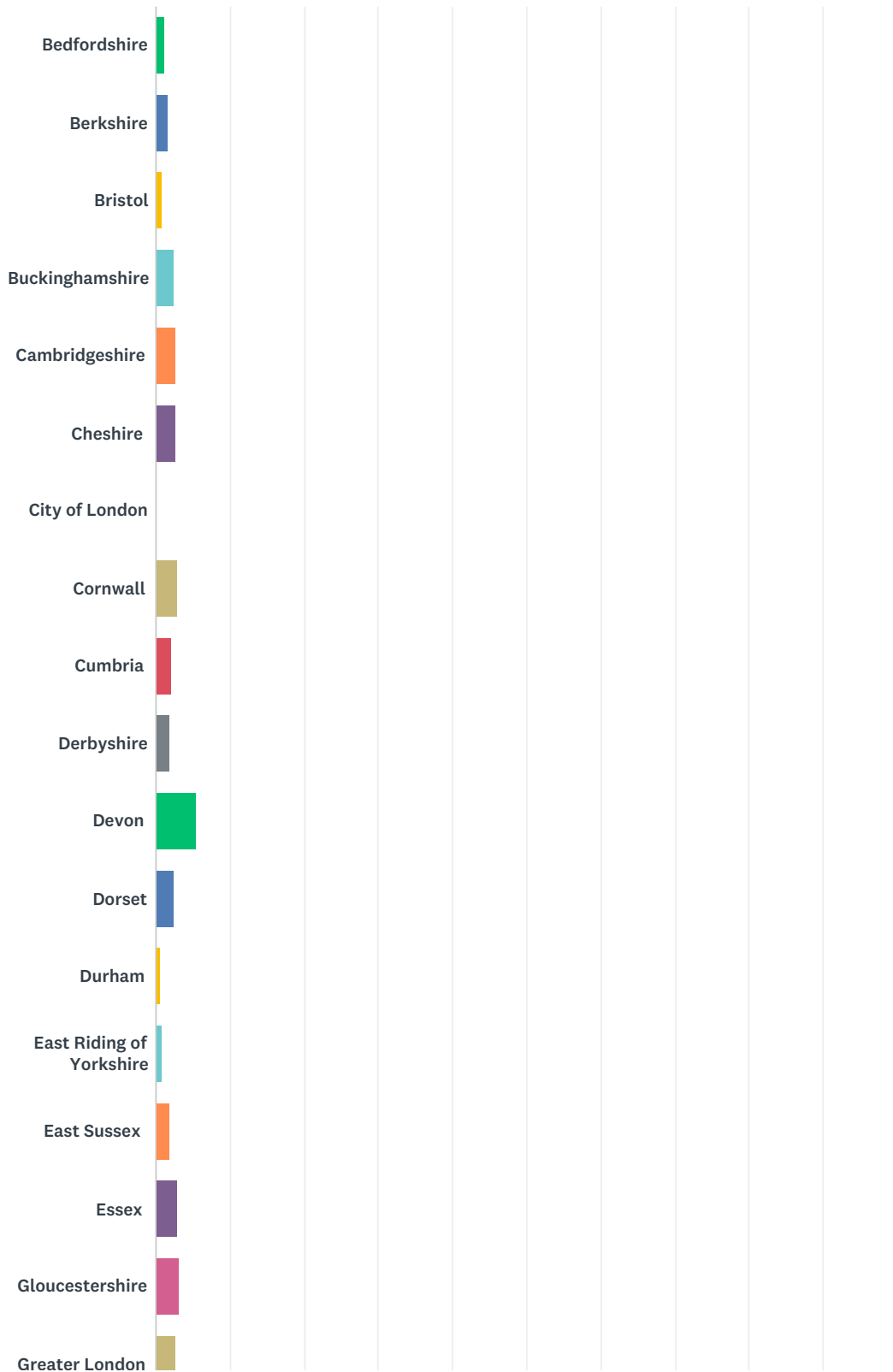
Answered: 4,713 Skipped: 50



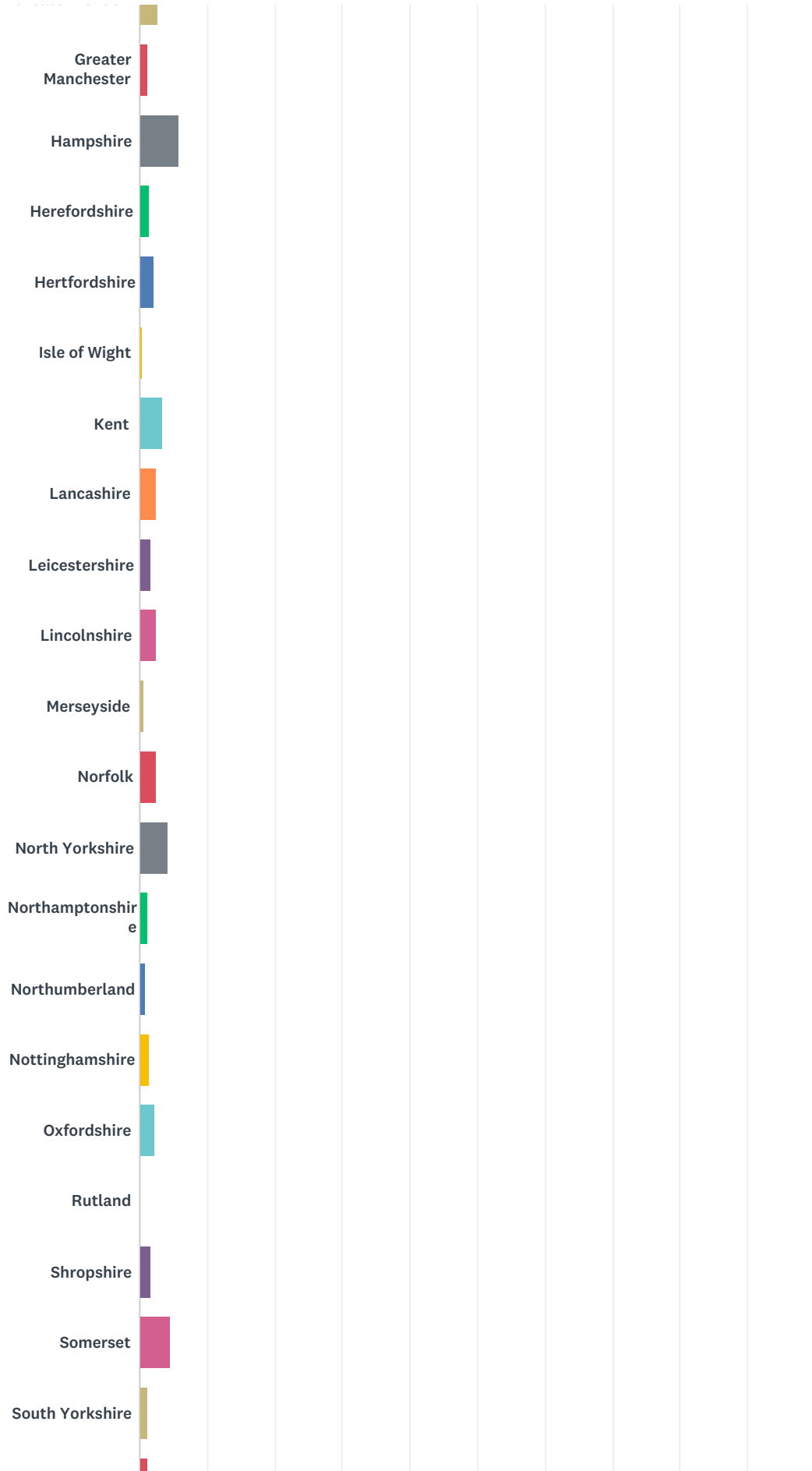
ANSWER CHOICES	RESPONSES
0	2.74% 129
1-9	80.73% 3,805
10-39	12.71% 599
40-149	2.93% 138
150-399	0.72% 34
400+	0.17% 8
TOTAL	4,713

Q2 In which county are all, or most of your bees kept? (you can select more than one box where you have an even split of bees in different counties)

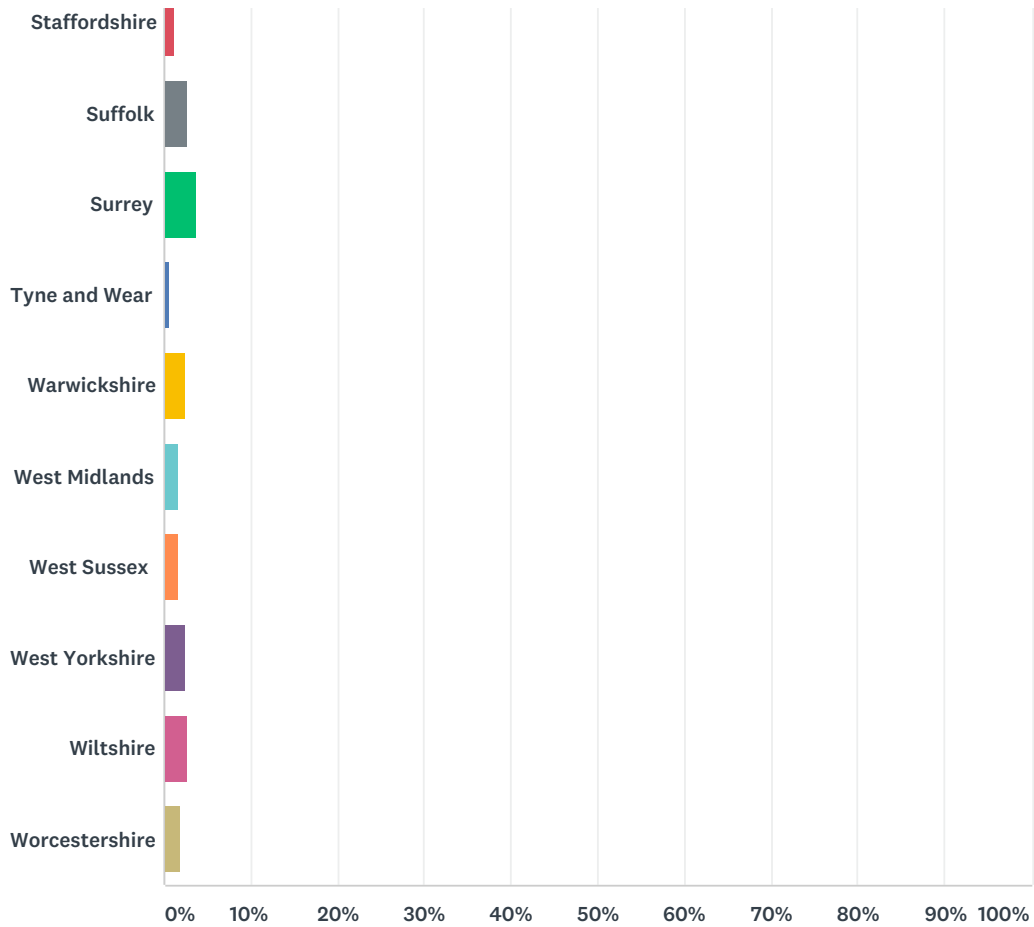
Answered: 4,687 Skipped: 76



Defra - Survey 2018 - Queen Replacement Practices



Defra - Survey 2018 - Queen Replacement Practices



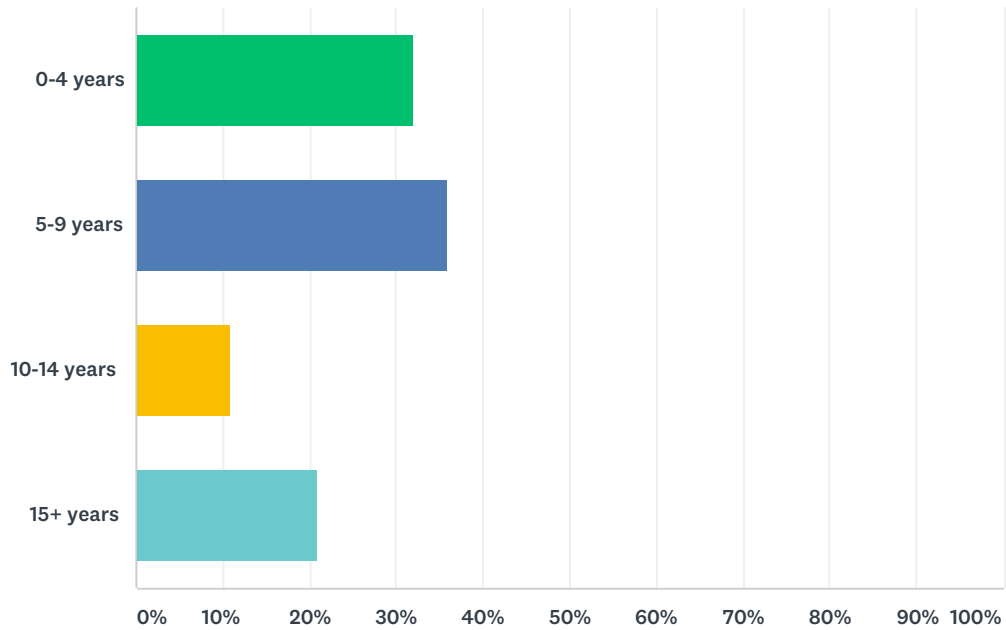
ANSWER CHOICES	RESPONSES	
Bedfordshire	1.28%	60
Berkshire	1.62%	76
Bristol	0.83%	39
Buckinghamshire	2.50%	117
Cambridgeshire	2.71%	127
Cheshire	2.62%	123
City of London	0.26%	12
Cornwall	2.92%	137
Cumbria	2.13%	100
Derbyshire	1.92%	90
Devon	5.48%	257
Dorset	2.56%	120
Durham	0.66%	31
East Riding of Yorkshire	0.81%	38
East Sussex	1.96%	92
Essex	2.94%	138

Defra - Survey 2018 - Queen Replacement Practices

Gloucestershire	3.18%	149
Greater London	2.73%	128
Greater Manchester	1.19%	56
Hampshire	5.87%	275
Herefordshire	1.54%	72
Hertfordshire	2.07%	97
Isle of Wight	0.32%	15
Kent	3.37%	158
Lancashire	2.50%	117
Leicestershire	1.66%	78
Lincolnshire	2.47%	116
Merseyside	0.73%	34
Norfolk	2.54%	119
North Yorkshire	4.29%	201
Northamptonshire	1.34%	63
Northumberland	0.94%	44
Nottinghamshire	1.37%	64
Oxfordshire	2.39%	112
Rutland	0.26%	12
Shropshire	1.64%	77
Somerset	4.61%	216
South Yorkshire	1.32%	62
Staffordshire	1.24%	58
Suffolk	2.79%	131
Surrey	3.67%	172
Tyne and Wear	0.70%	33
Warwickshire	2.52%	118
West Midlands	1.66%	78
West Sussex	1.77%	83
West Yorkshire	2.60%	122
Wiltshire	2.71%	127
Worcestershire	1.83%	86
Total Respondents: 4,687		

Q3 How long have you been keeping bees?

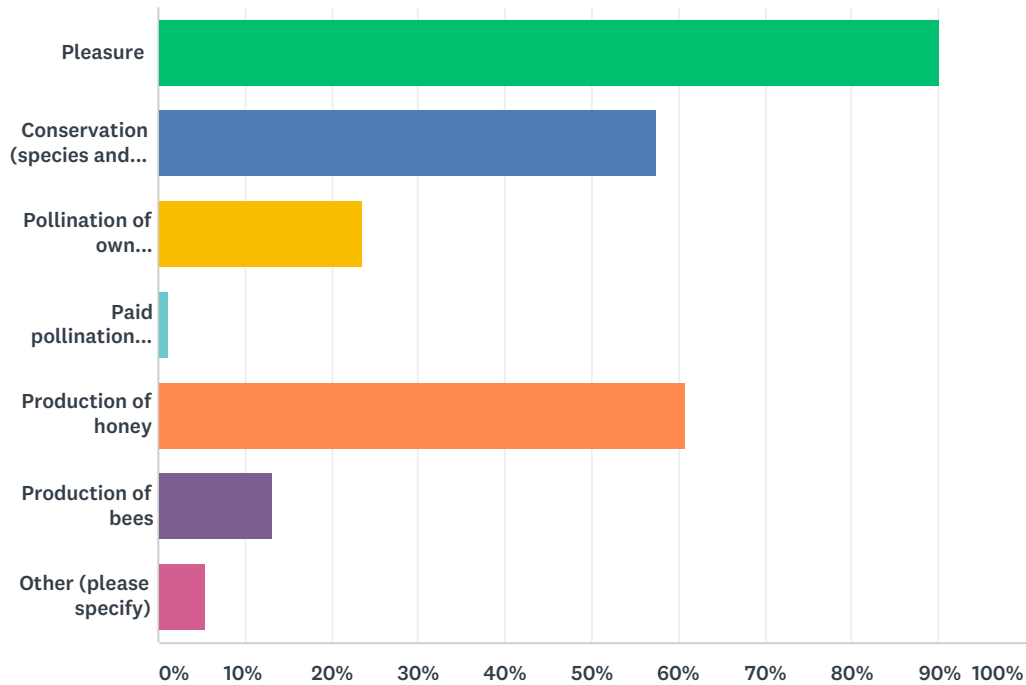
Answered: 4,625 Skipped: 138



ANSWER CHOICES	RESPONSES	
0-4 years	32.11%	1,485
5-9 years	36.09%	1,669
10-14 years	10.96%	507
15+ years	20.84%	964
TOTAL		4,625

Q4 What are your reasons for keeping bees? (Tick all that apply)

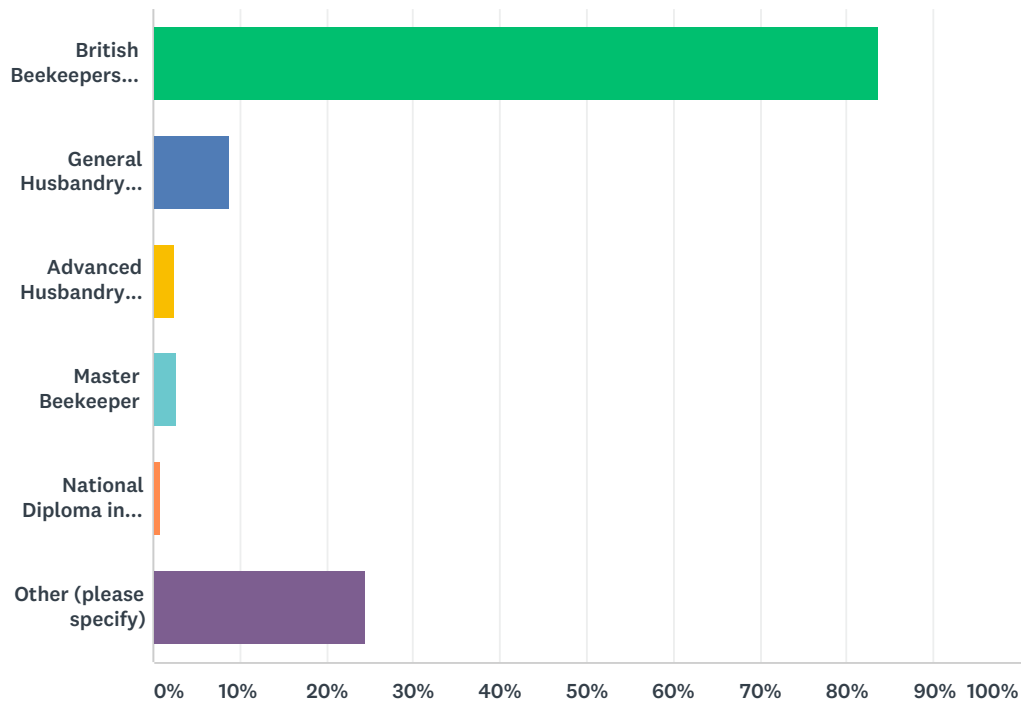
Answered: 4,712 Skipped: 51



ANSWER CHOICES	RESPONSES	
Pleasure	90.07%	4,244
Conservation (species and environment)	57.49%	2,709
Pollination of own plants/crops	23.71%	1,117
Paid pollination services	1.29%	61
Production of honey	60.78%	2,864
Production of bees	13.16%	620
Other (please specify)	5.50%	259
Total Respondents: 4,712		

Q5 Have you attained any of the following qualifications in beekeeping? (Tick all that apply)

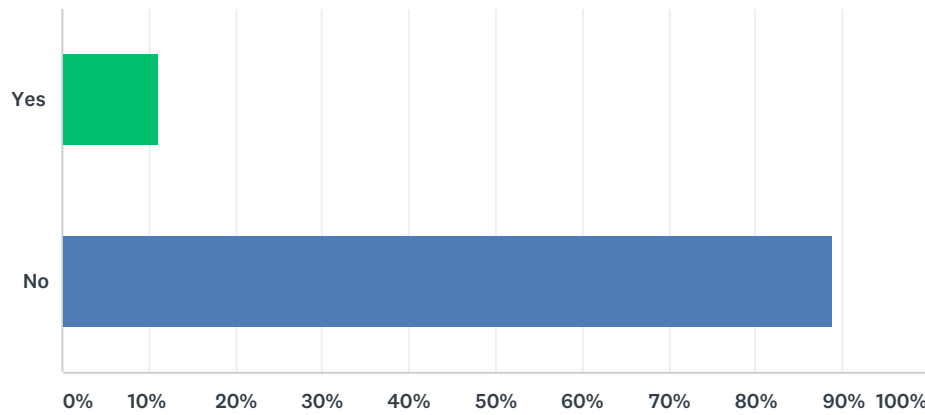
Answered: 2,376 Skipped: 2,387



ANSWER CHOICES	RESPONSES	
British Beekeepers Association Basic Certificate	83.59%	1,986
General Husbandry Certificate	8.71%	207
Advanced Husbandry Certificate	2.44%	58
Master Beekeeper	2.82%	67
National Diploma in Beekeeping	0.88%	21
Other (please specify)	24.49%	582
Total Respondents: 2,376		

Q6 When you come to re-queen any, or all of your hives, do you tend to do it in the same month each time?

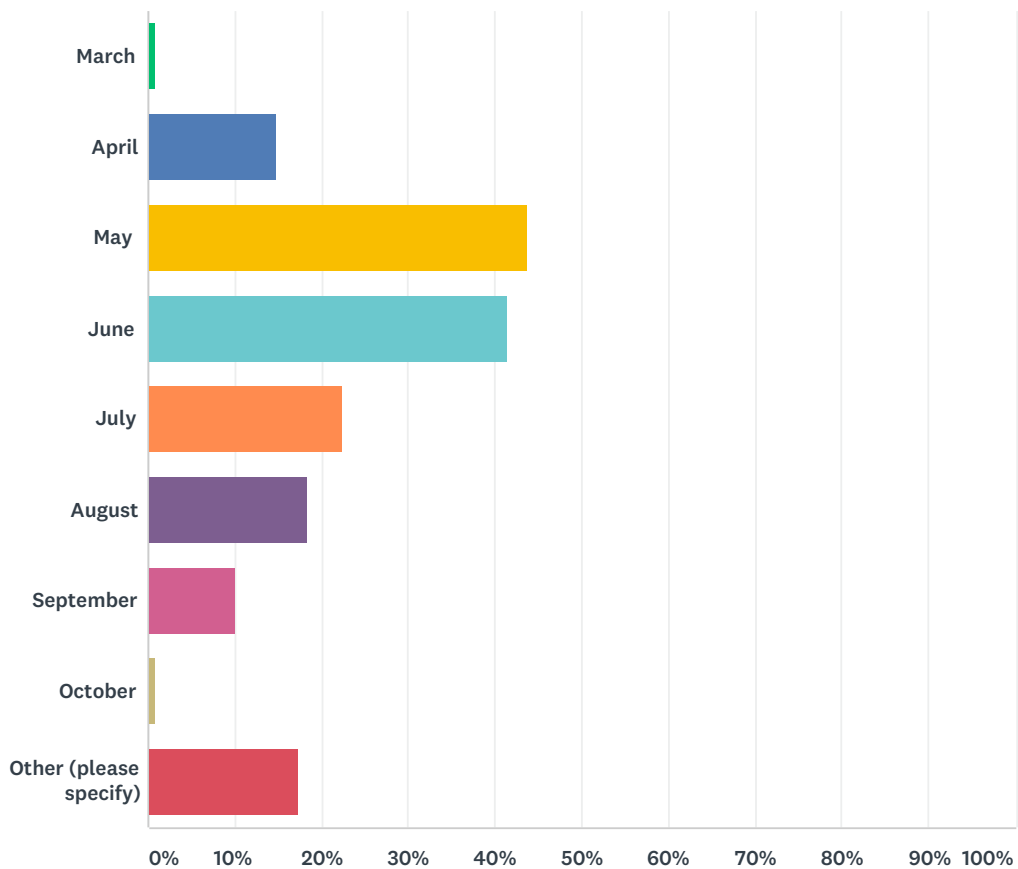
Answered: 4,402 Skipped: 361



ANSWER CHOICES	RESPONSES	
Yes	11.06%	487
No	88.94%	3,915
TOTAL		4,402

Q7 If you answered yes to Q6, in what months do you typically re-queen your hives (tick all that apply)?

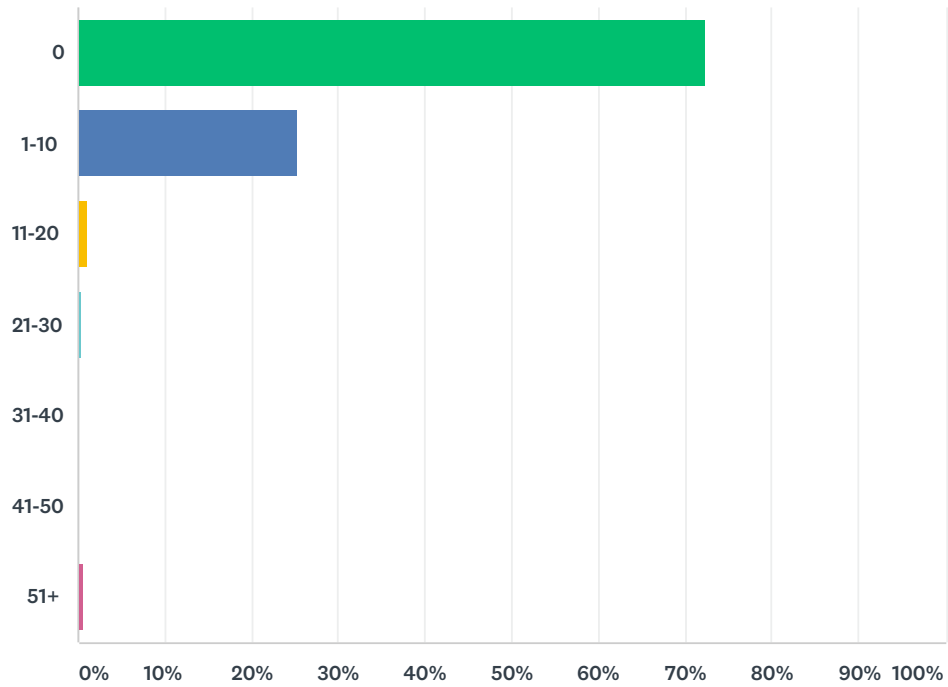
Answered: 852 Skipped: 3,911



ANSWER CHOICES	RESPONSES	
March	0.94%	8
April	14.91%	127
May	43.66%	372
June	41.43%	353
July	22.42%	191
August	18.31%	156
September	9.98%	85
October	0.82%	7
Other (please specify)	17.37%	148
Total Respondents: 852		

Q8 How many honey bee queens did you purchase in 2017?

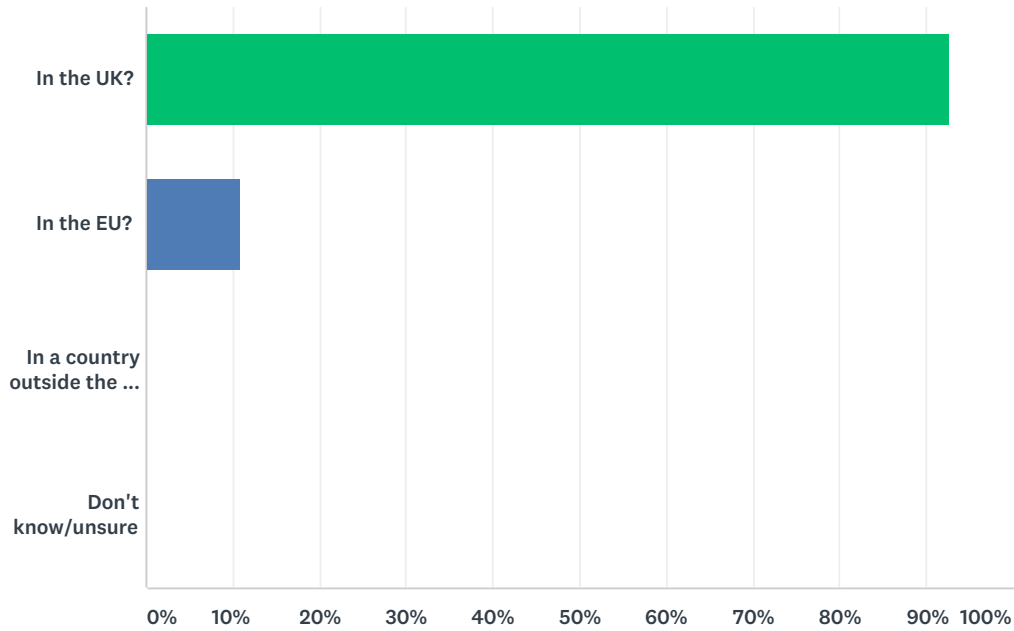
Answered: 4,691 Skipped: 72



ANSWER CHOICES	RESPONSES	
0	72.31%	3,392
1-10	25.39%	1,191
11-20	0.96%	45
21-30	0.47%	22
31-40	0.19%	9
41-50	0.11%	5
51+	0.58%	27
TOTAL		4,691

Q9 Where were the suppliers from whom you bought your queens based? (Tick all that apply)

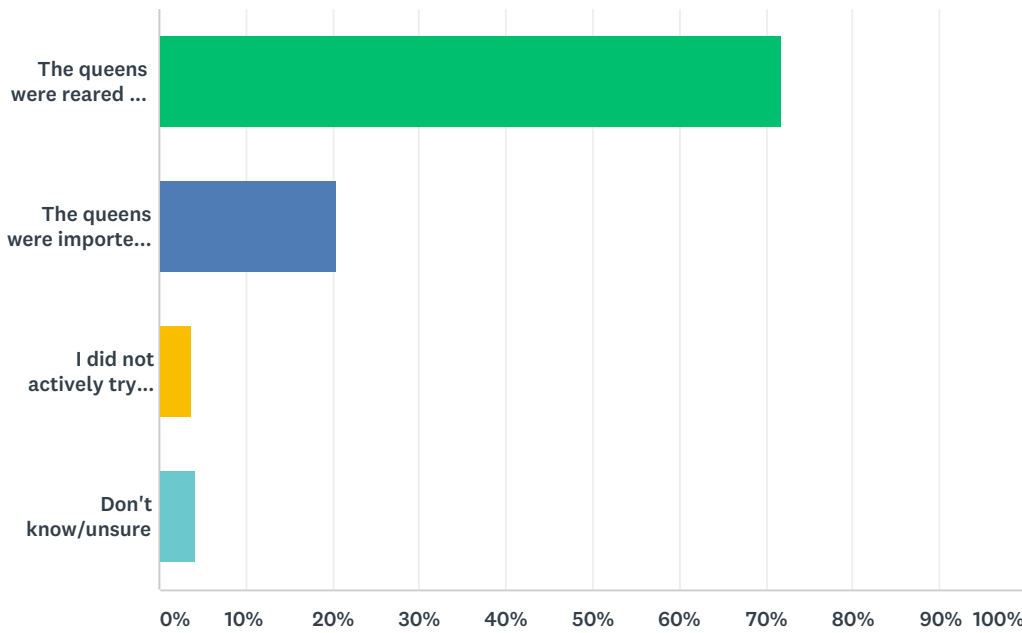
Answered: 1,291 Skipped: 3,472



ANSWER CHOICES	RESPONSES	
In the UK?	92.72%	1,197
In the EU?	10.84%	140
In a country outside the UK and the EU?	0.31%	4
Don't know/unsure	0.23%	3
Total Respondents: 1,291		

Q10 If you purchased queens from a UK supplier, tick which of the following applies

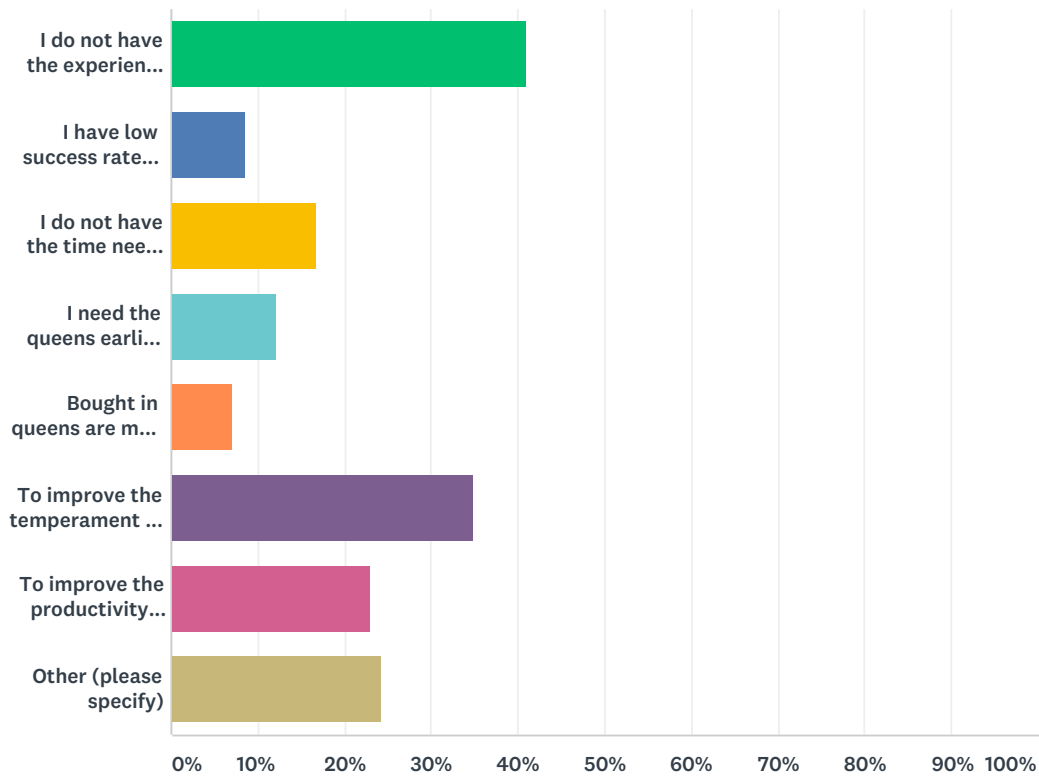
Answered: 1,225 Skipped: 3,538



ANSWER CHOICES	RESPONSES	
The queens were reared in the UK	71.67%	878
The queens were imported to the UK as adult queens	20.49%	251
I did not actively try to find out the heritage of the queens	3.76%	46
Don't know/unsure	4.08%	50
TOTAL		1,225

Q11 Why did you purchase queens instead of rearing them yourself? (tick all that apply)

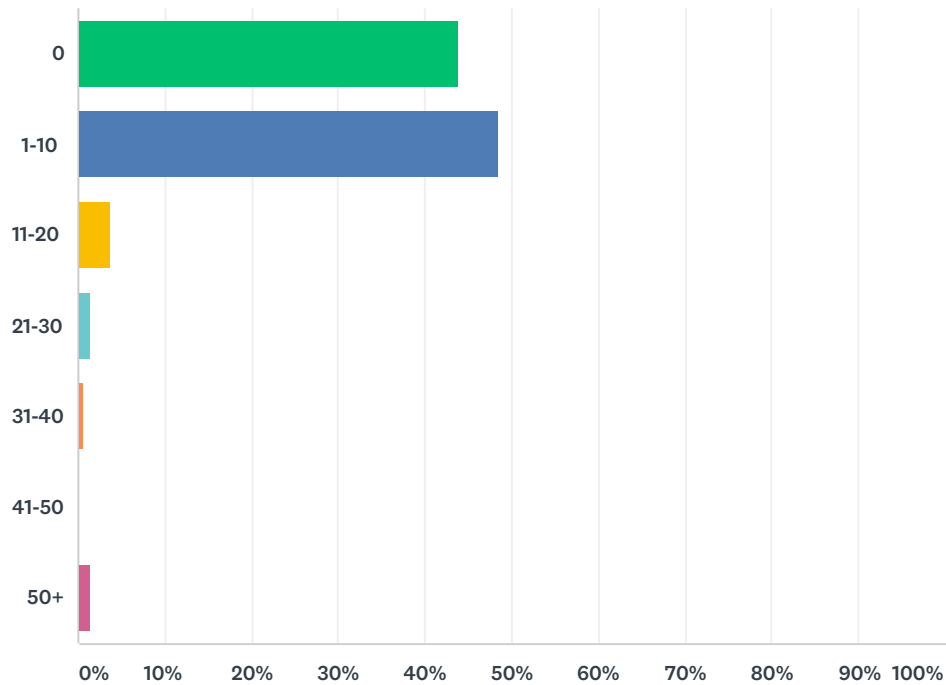
Answered: 1,277 Skipped: 3,486



ANSWER CHOICES	RESPONSES	
I do not have the experience to raise my own queens	40.96%	523
I have low success rate when raising my own queens	8.54%	109
I do not have the time needed to raise queens	16.76%	214
I need the queens earlier in the season than I can produce them	12.22%	156
Bought in queens are more cost effective	7.05%	90
To improve the temperament of the colony	35.00%	447
To improve the productivity of the colony	22.94%	293
Other (please specify)	24.35%	311
Total Respondents: 1,277		

Q12 How many queens did you rear yourself in 2017? Please indicate the number of queens that you intentionally raised e.g. any you grafted or raised naturally through the colony. Please do not include unplanned queens e.g. those lost through a swarm.

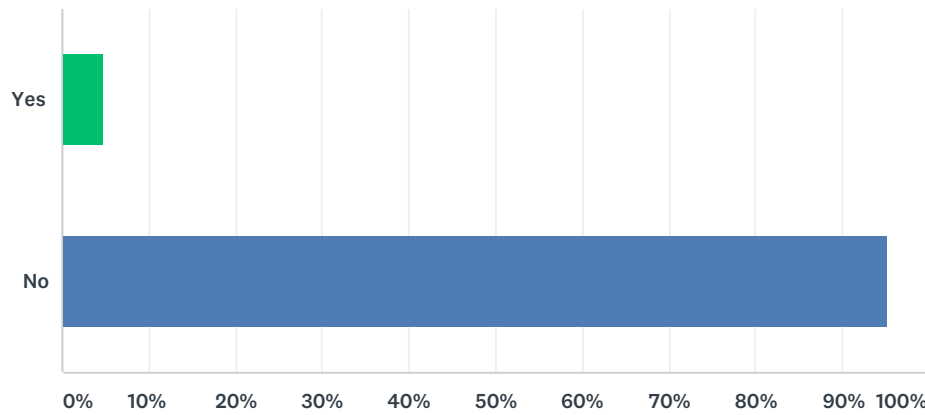
Answered: 4,632 Skipped: 131



ANSWER CHOICES	RESPONSES	
0	43.93%	2,035
1-10	48.64%	2,253
11-20	3.82%	177
21-30	1.45%	67
31-40	0.54%	25
41-50	0.22%	10
50+	1.40%	65
TOTAL		4,632

Q13 Were these queens raised using genetic material (queens, eggs, semen) you imported to the UK in the last two years?

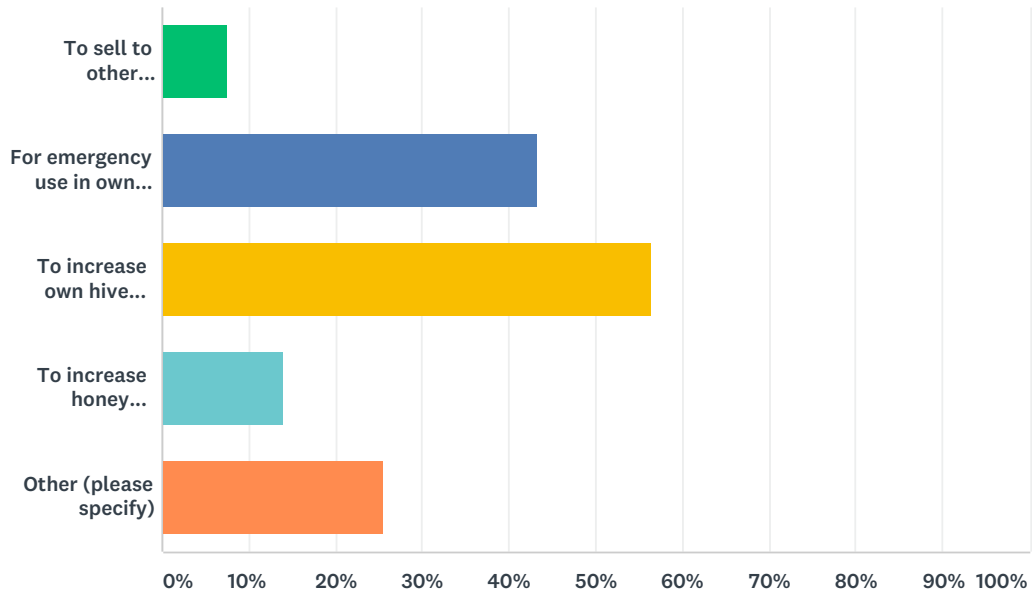
Answered: 2,573 Skipped: 2,190



ANSWER CHOICES	RESPONSES	
Yes	4.78%	123
No	95.22%	2,450
TOTAL		2,573

Q14 For what purpose did you rear the queens? (Tick all that apply)

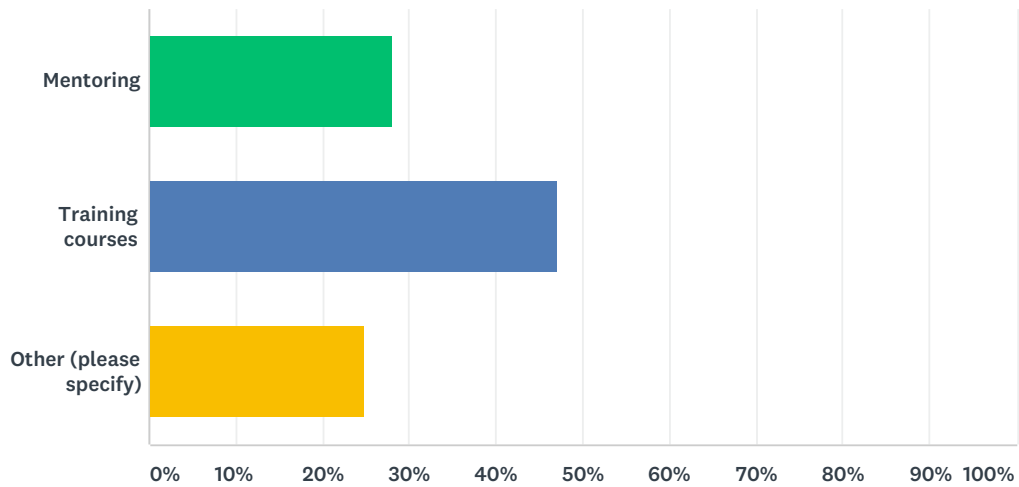
Answered: 2,579 Skipped: 2,184



ANSWER CHOICES	RESPONSES	
To sell to other beekeepers	7.44%	192
For emergency use in own colonies	43.31%	1,117
To increase own hive numbers	56.57%	1,459
To increase honey production	13.92%	359
Other (please specify)	25.59%	660
Total Respondents: 2,579		

Q15 What form of assistance would help you to increase the number of queens you rear in future?

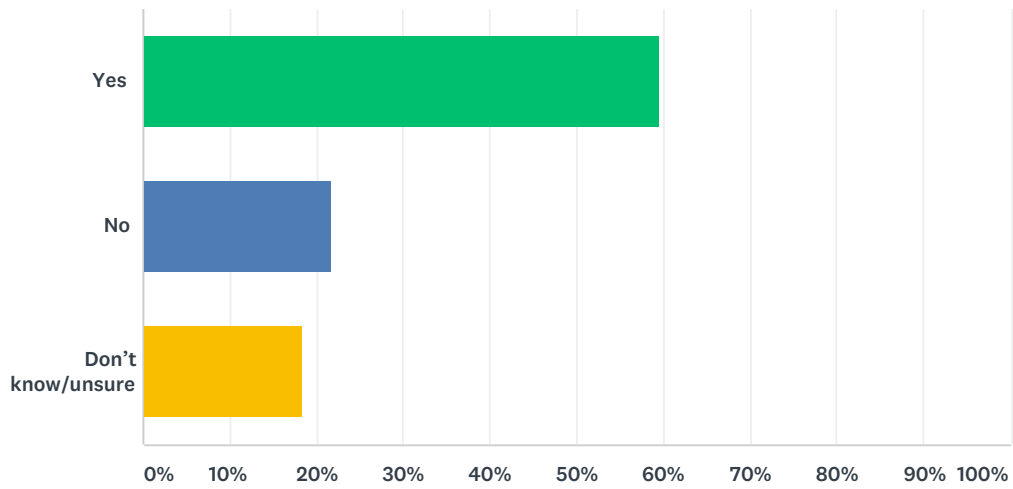
Answered: 2,088 Skipped: 2,675



ANSWER CHOICES	RESPONSES	
Mentoring	28.07%	586
Training courses	47.13%	984
Other (please specify)	24.81%	518
TOTAL		2,088

Q16 Would you be interested in attending a course that will help you improve your queen rearing skills?

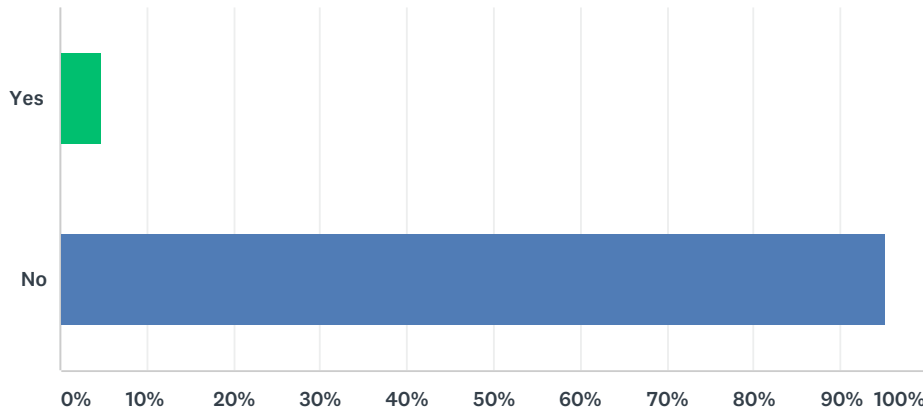
Answered: 2,599 Skipped: 2,164



ANSWER CHOICES	RESPONSES	
Yes	59.64%	1,550
No	21.85%	568
Don't know/unsure	18.51%	481
TOTAL		2,599

Q17 Are you part of a bee breeding/improvement programme?

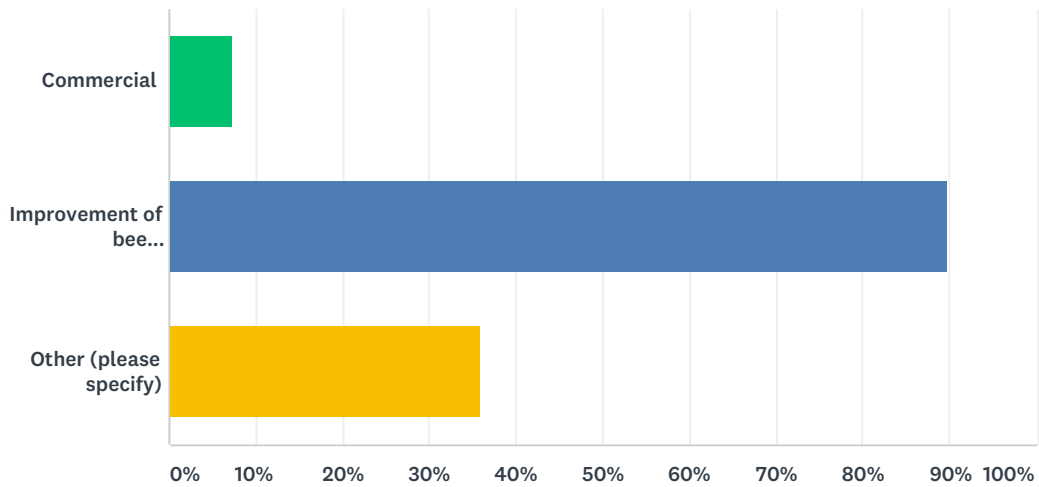
Answered: 4,630 Skipped: 133



ANSWER CHOICES	RESPONSES	
Yes	4.73%	219
No	95.27%	4,411
TOTAL		4,630

Q18 What is its purpose of your bee breeding/improvement programme? (Tick all that apply)

Answered: 244 Skipped: 4,519



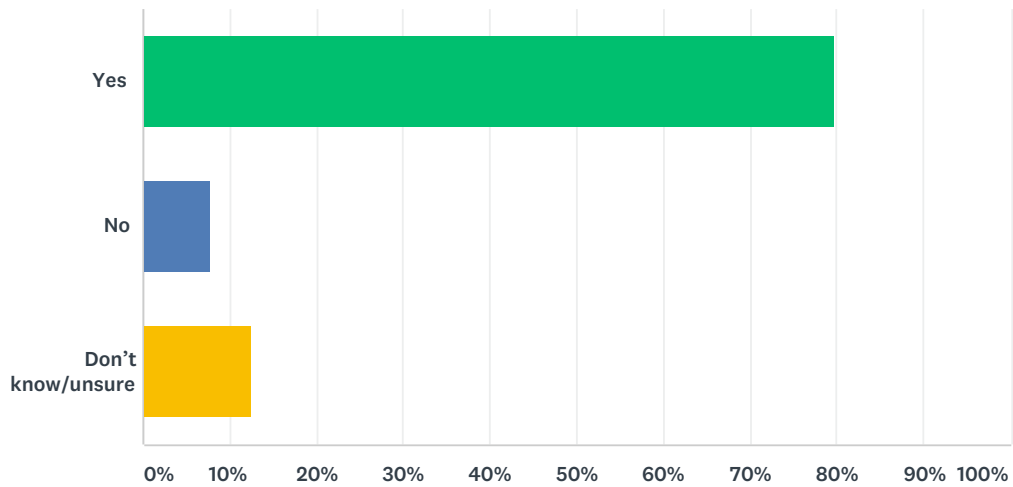
ANSWER CHOICES	RESPONSES	
Commercial	7.38%	18
Improvement of bee characteristics	89.75%	219
Other (please specify)	36.07%	88
Total Respondents: 244		

Q19 What is the name and/or location of your bee breeding/improvement programme?

Answered: 206 Skipped: 4,557

Q20 Are you, or would you be, interested in knowing the heritage of your queens before purchase?

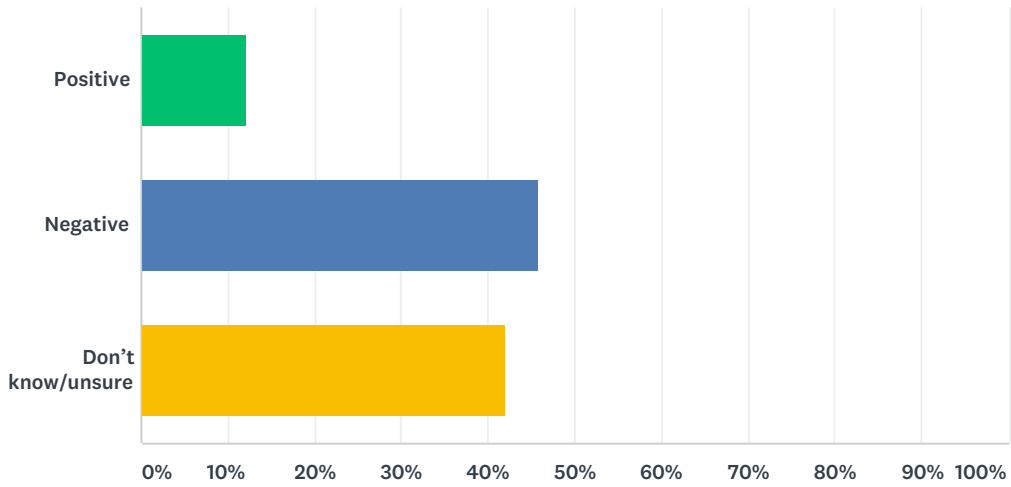
Answered: 4,444 Skipped: 319



ANSWER CHOICES	RESPONSES	
Yes	79.79%	3,546
No	7.74%	344
Don't know/unsure	12.47%	554
TOTAL		4,444

Q21 Do you think the mixing of native and imported honeybee strains is?

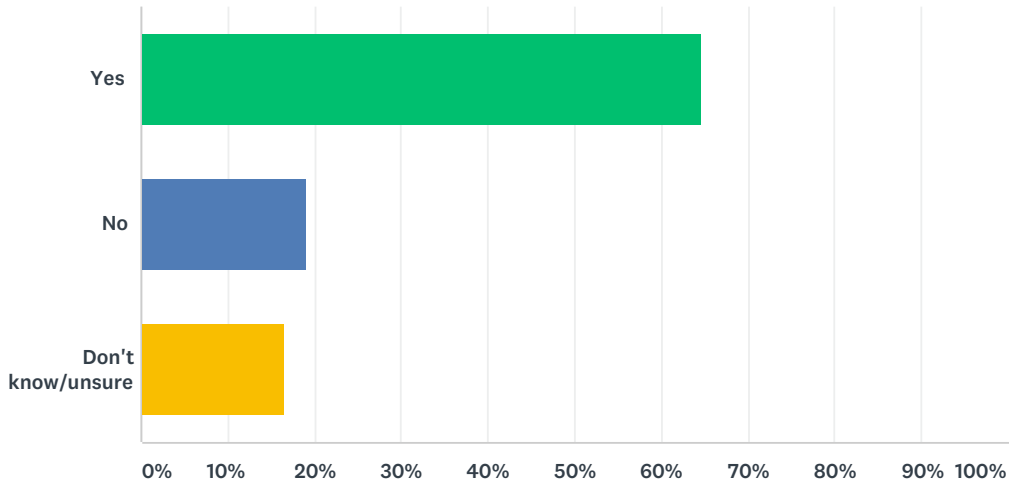
Answered: 4,517 Skipped: 246



ANSWER CHOICES	RESPONSES	
Positive	12.11%	547
Negative	45.85%	2,071
Don't know/unsure	42.04%	1,899
TOTAL		4,517

Q22 Would you be interested in buying queens from an accredited UK source? There is currently no government accreditation scheme for rearing honey bee queens. An accredited supplier could be one who met specific criteria on training, pest/disease prevalence and bee heritage and listed by government/beekeeping associations as meeting these requirements.

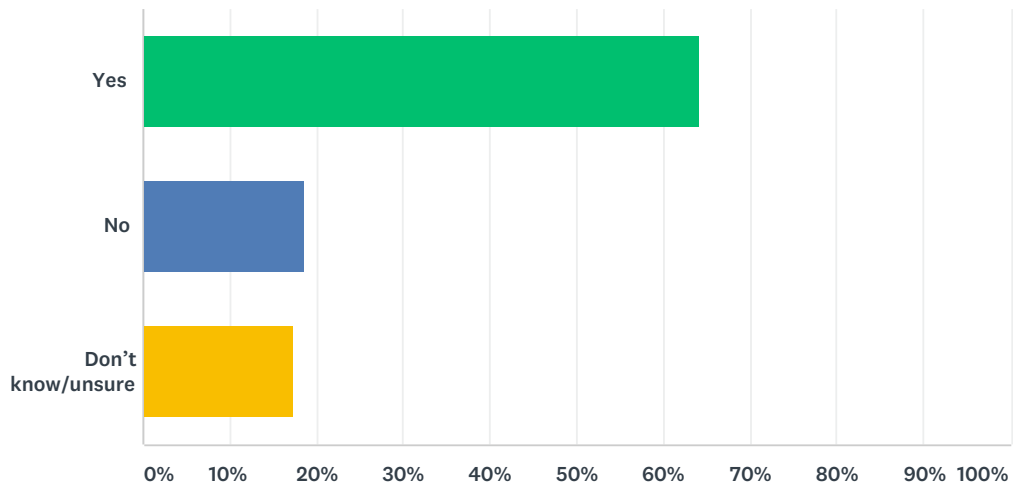
Answered: 4,551 Skipped: 212



ANSWER CHOICES	RESPONSES	
Yes	64.56%	2,938
No	18.94%	862
Don't know/unsure	16.50%	751
TOTAL		4,551

Q23 In theory, would you be willing to pay more for queens from an accredited supplier than a non-accredited supplier?

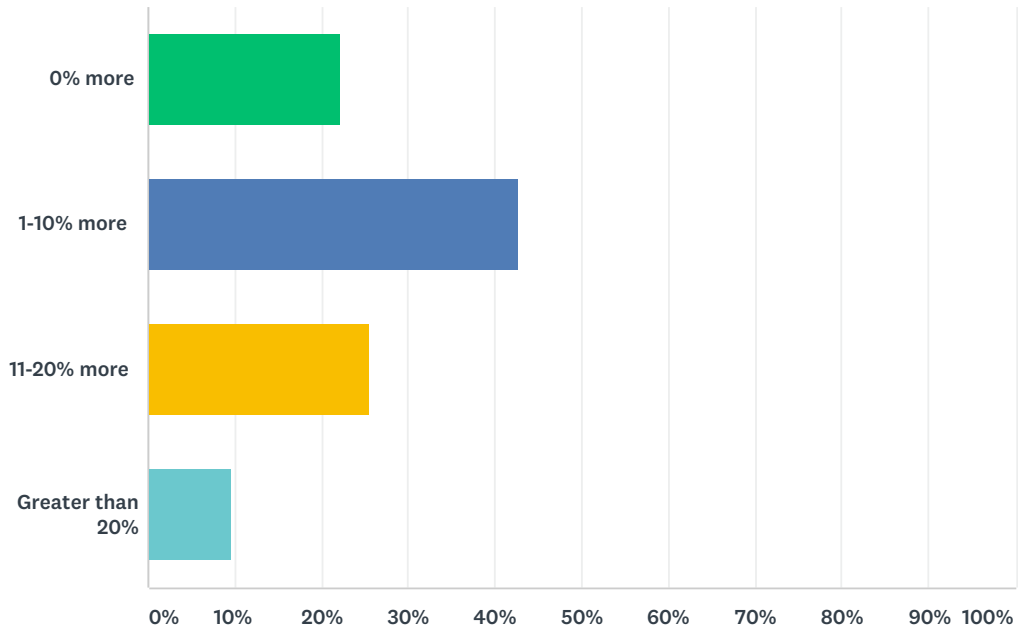
Answered: 4,499 Skipped: 264



ANSWER CHOICES	RESPONSES	
Yes	64.15%	2,886
No	18.54%	834
Don't know/unsure	17.31%	779
TOTAL		4,499

Q24 How much more do you think you'd be willing to pay for an accredited queen?

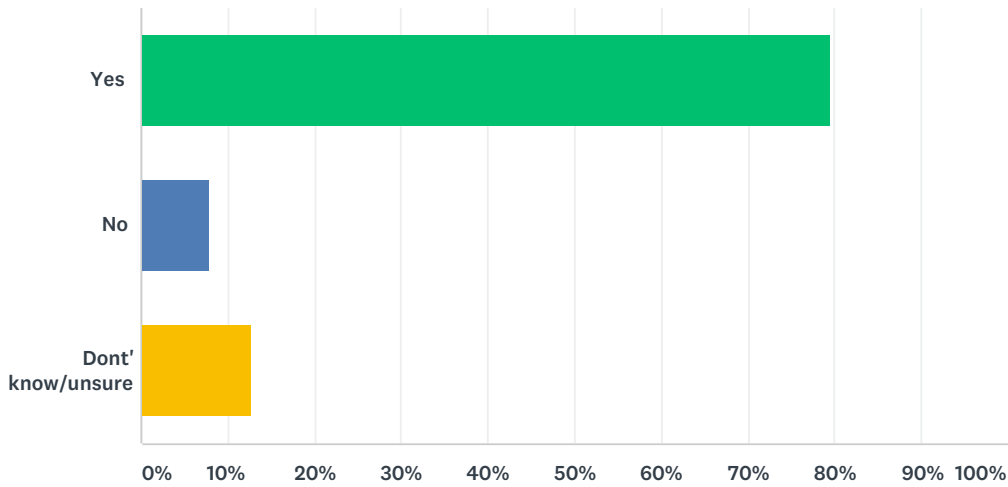
Answered: 4,085 Skipped: 678



ANSWER CHOICES	RESPONSES	
0% more	22.25%	909
1-10% more	42.62%	1,741
11-20% more	25.56%	1,044
Greater than 20%	9.57%	391
TOTAL		4,085

Q25 Would you be in favour of a national breeding programme for England based on the native/near-native sub-species, *Apis mellifera mellifera*? A national breeding programme would concentrate on propagating native or near-native honey bees whilst reducing contact with imported bees

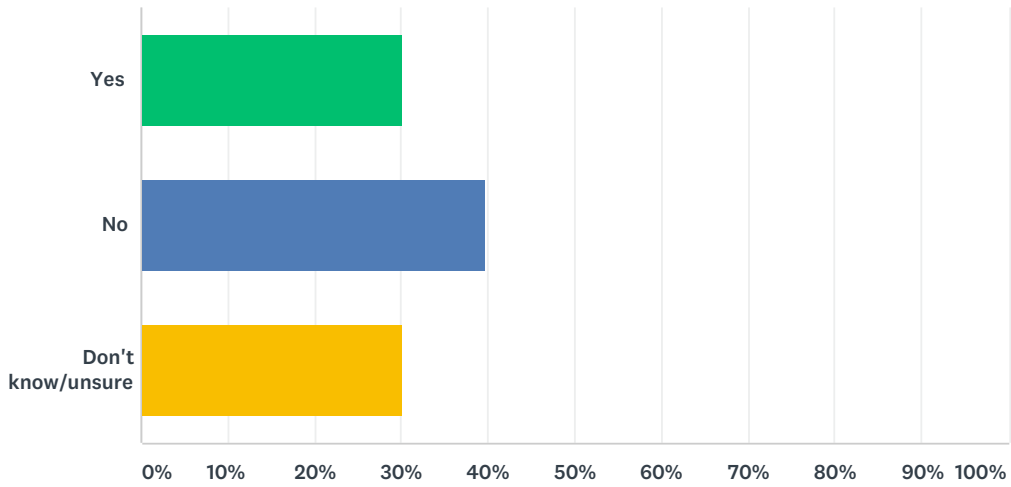
Answered: 4,549 Skipped: 214



ANSWER CHOICES	RESPONSES	
Yes	79.45%	3,614
No	7.89%	359
Dont' know/unsure	12.66%	576
TOTAL		4,549

Q26 If yes, would you wish to rear queens as part of this programme?

Answered: 4,221 Skipped: 542



ANSWER CHOICES	RESPONSES	
Yes	30.16%	1,273
No	39.66%	1,674
Don't know/unsure	30.18%	1,274
TOTAL		4,221