# INMAN SELECT

### **SPECIAL REPORT**

HOW TO DELIVER TECHNOLOGY AGENTS NEED

Real estate is a tech-heavy business. More than half of agents who completed an Inman survey ticked off nearly a dozen tech tools they use in the course of their work. The vast majority considered the multiple listing service to be their most important tool.



But in a world where new tools are constantly being launched, what agents need most in the tech realm is a way to sift through the noise, the survey found.



Brokers, tech companies and real estate associations can help by providing information and support that would help agents choose and use tech tools that will most benefit their business.



Agents called for resources that would make technologies easier to understand, such as more or better training, plain-language product descriptions and user-friendly interfaces. They also asked for tech-savvy support staff, either from their broker or tech companies themselves.



In addition, agents expressed a keen desire for a neutral, third-party website offering tech reviews and comparisons, including rankings of products' return on investment.



Quality is key. Given the common complaint that "everyone has their hand in the agent's pocket," agents are a tough sell when it comes to the tools they are willing to pay for and use.



Among agents who opted not to use a tool provided by their broker, nearly 4 out of 10 said, "I didn't see the value," and another 3 in 10 said their business was "doing just fine without them."



Many agents felt the tools chosen by their broker lacked quality and chose to pay for their own. Several agents noted that they would like all of their tech products to interoperate, as many products did not.



Although half of agents said they did not measure return on investment for tech products, those who did most often said they considered how that product contributed to closed deals and time saved.

Money is pouring into real estate technology, and the sheer number of products available to agents has risen exponentially in recent years.

Whatever the merits of that increase, on a practical level this means that real estate agents are often bombarded by solicitations from tech companies peddling the next big thing.

In that environment, what agents want from the brokers, tech companies and associations surrounding them is help in choosing and using tech tools that will most benefit their business, according to an Inman survey.

"The tech market in real estate is extremely saturated. The biggest obstacle I have is sifting through all of the crap companies to find the ones that actually provide value-added services," one agent said.

"Reduce the noise, separate yourself from the competition. I get 15-plus emails/calls daily," said another.

Agents are particularly hungry for more and better training; tech-savvy brokerage support staff; a neutral, third-party source of tech reviews and comparisons; and more integration between tools.

#### MLS VOTED MOST IMPORTANT TECH TOOL

Despite what some may think, agents are not a tech-phobic bunch. More than half of agents who completed the survey ticked off nearly a dozen tech tools they use in their business. Not surprisingly, the multiple listing service was at the top of the list, followed closely by an agent website, smartphone or tablet, electronic forms and signatures, and a comparative market analysis (CMA) tool.

More than half of agents also said they used a broker website; email marketing; a property search mobile app; advertising on one or more of the three biggest portals (Zillow, Trulia, realtor.com); a customer relationship management platform (CRM); and social media management tools.

When it came to picking the top three most important tech tools in their business, agents overwhelmingly chose one that has been around longer than most, if not all, of the others: the MLS, followed somewhat distantly by mobile devices, a CRM platform, and electronic forms and signatures.

Still, some agents noted that most of their leads did not come from tech tools, but rather from referrals and personal contact.

"Face-to-face interaction with client via door knocking and open houses," said one agent.

#### **RETURN ON INVESTMENT**

Four in 10 agents surveyed said their biggest technology investment was their website, while just over a quarter said it was their CRM. Under "Other," many cited online lead generation from third-party websites.

Agents spent an average of about \$5,600 per year on their biggest tech investment.

About half of agent respondents said they did not measure ROI on the tech products they use. Among those who did, the most commonly cited measurement was the number of closed deals the tool produced. Time saved also counted.

"Tech either has to save time, provide incredible client value, or directly support lead gen or conversion," one agent said.

When asked what the ROI on their tech investments was, most did not know or did not have a specific number, though some were able to give a percentage.

"There are too many variables in building a relationship. The tools are necessary. A carpenter cannot estimate the return on investment of a hammer," said one agent who doesn't measure ROI.

Another agent remarked on the difficulty of estimating ROI when the tech tool is not for lead generation.

"Unless the client responsible for a commission can be tied to a specific tech product, it is difficult to measure," the agent said.

At least one broker used more qualitative methods to measure ROI.

"I wish I could say I spend hours and hours analyzing every dollar spent, but I don't. If something takes too long to master (Contactually, anyone?) or it's not that fun after all (BoomBoom) or the response from our clients is mostly negative (Happy Grasshopper), I make sure to cancel before it's renewed," the broker said.

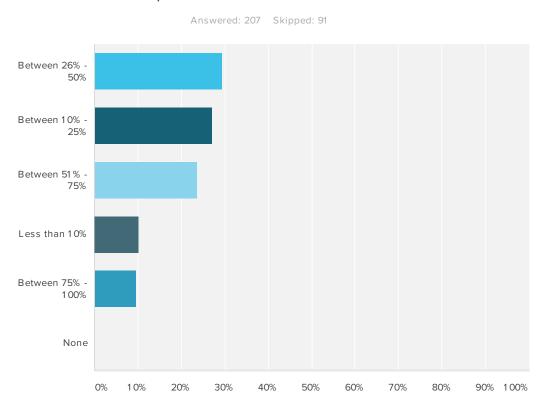
"Automatic renewing tech or vendor contracts is my No. 1 problem with my business and I absolutely hate that business model."

#### TOOLS FOR THE COMING YEAR

When agents were asked what tools they would like to adopt in the coming year, the biggest share (33 percent) hoped to take on video software, followed by social media management tools (29 percent) and lead generation tools other than advertising on the three major third-party sites (29 percent).

Tech companies thinking of attracting these agents should note that they spend a considerable amount of their working time on mobile devices. About 3 in 10 agents said they spend between 26 and 50 percent of their time on smartphones and/or tablets, while just under a quarter said they spent 51 to 75 percent of their time on such devices.

## Q88 What percentage of the time that you spend on a computer for your business is spent on a mobile device?

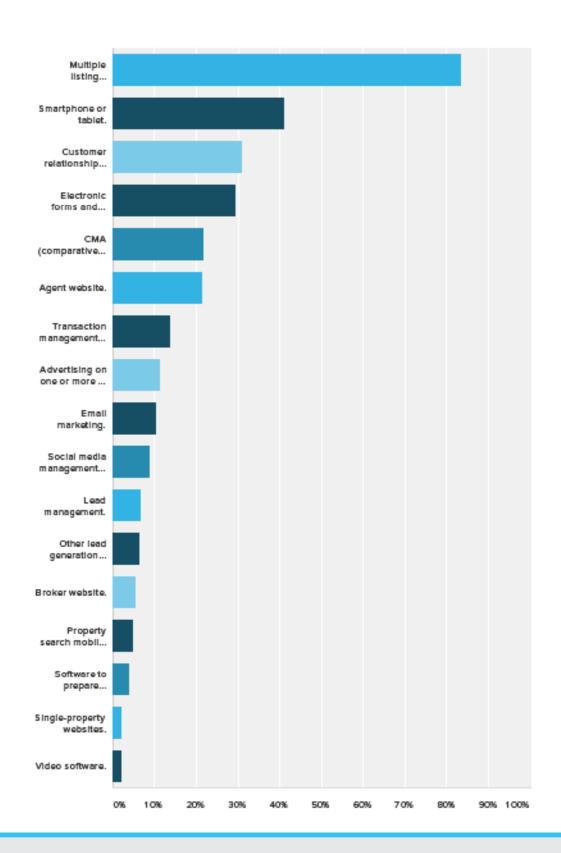


nswer Choices	Responses	
Between 26% - 50%	29.47%	61
Between 10% - 25%	27.05%	56
Between 51 % - 75%	23.67%	49
Less than 10%	10.14%	21
Between 75% - 100%	9.66%	20
None	0.00%	0
otal		207

iPhones and iPads were by far the most popular devices, each used by about 6 in 10 agents.

## Q63 What are the top 3 most important technologies you use in your business? (Please choose only 3.)

Answered: 207 Skipped: 404



nswer Choices	Responses	
Multiple listing service.	83.57%	173
Smartphone or tablet.	41.06%	8
Customer relationship management platform.	30.92%	6
Electronic forms and signatures.	29.47%	6
CMA (comparative market analysis) tool.	21.74%	4
Agent website.	21.26%	4
Transaction management platform.	13.53%	2
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	11.11%	2
Email marketing.	10.14%	2
Social media management tools.	8.70%	1
Lead management.	6.76%	1
Other lead generation tool.	6.28%	1
Broker website.	5.31%	1
Property search mobile app.	4.83%	1
Software to prepare marketing materials.	3.86%	
Single-property websites.	1.93%	
Video software.	1.93%	
otal Respondents: 207		

#### WHY AGENTS DON'T USE BROKER-PROVIDED TOOLS

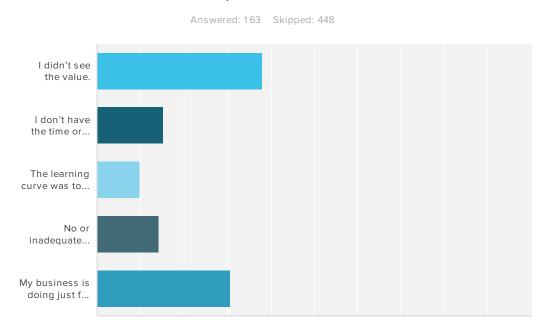
The most common tools provided to agents by brokers were broker and agent websites, followed by electronic forms and signatures, a transaction management platform, CRM, email marketing, and/or a property search mobile app.

About a quarter said their broker provided advertising on Zillow, Trulia or realtor.com.

Among the tools offered by their broker, agents are least likely to use a CRM, video software, lead generation tools other than advertising on the three biggest portals, and lead management.

When asked why they had opted not to use a broker-provided tool, nearly 4 out of 10 agents said, "I didn't see the value," and another 3 in 10 said their business was "doing just fine without them."

### Q70 Why did you choose not to use those broker-provided tools?



answer Choices	Responses	
I didn't see the value.	38.04%	62
I don't have the time or desire to learn how to use it/them.	15.34%	25
The learning curve was too high.	9.82%	16
No or inadequate training was offered.	14.11%	23
My business is doing just fine without them.	30.67%	50
otal Respondents: 163		

40%

50%

60%

70%

80%

90% 100%

Many agents felt the tools chosen by their broker lacked quality and chose to pay for their own.

10%

20%

30%

Others wanted to retain ownership of their own leads.

<sup>&</sup>quot;I have found other companies that do a much better job of providing these vital services," an agent said.

<sup>&</sup>quot;The broker is subscribed to one or two companies who offer a lot of services, but none of them are very good. The overall functionality of the services provided with my fees are crap."

<sup>&</sup>quot;In case I change brokerages, I do not like my broker having access to my contacts," an agent said.

#### WHAT WOULD MAKE CHOOSING TECH EASIER

When asked, on a scale of 1 to 10, how difficult it is to figure out which technology to deploy for their business, both agents and brokers put the level of difficulty at a 6 average.

More than half said they did their own research, relied on word of mouth, and/or attended real estate conferences to decide which technologies to implement. Few hired outside help to help them vet new technology.

In order to make it easier to sift through choices, many agents asked for resources that would make technologies easier to understand, such as more or better training, plain-language product descriptions, and user-friendly interfaces.

"I watch many webinars on all kinds of technology -- that seems to help. The learning curve is so steep, and for every technology or product or social media you have to learn all over again how to use it," one agent said.

"My best advice to any real estate tech supplier is to make their product as simple and interoperable as possible," said another.

Others wished for assistants or other knowledgeable staff to help them navigate tech's murky waters, either from their broker or tech companies themselves.

"Tech companies who solicit us should have professional brokers on staff to advise them. They are clueless, particularly since real estate practices change from state to state, due to state laws and local customs," an agent said.

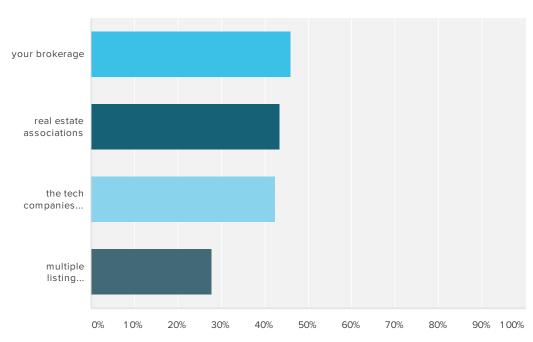
"Having someone who understands the broker's offerings and working with individual agents to maximize that technology [would help]," said another.

Brokerage tech support was somewhat mixed. Nearly two-thirds of agents said that their broker provided tech training on either a weekly or monthly basis. About the same share said the approximate agent-to-tech support staff ratio at their firm was more than 20 to 1.

Nearly half of agents said there was no formal tech support agreement between them and their broker, while a third said their broker offered support for all brokerage tech tools.

## Q84 Which entities do you wish would offer more support to encourage agent adoption of tech products?





Answer Choices	Responses	
your brokerage	45.96%	91
real estate associations	43.43%	86
the tech companies themselves	42.42%	84
multiple listing services	27.78%	55
Total Respondents: 198		

#### **AGENTS WANT EVIDENCE**

Some agents called for tech companies to put their money where their mouth is and offer proof that their product works. One agent said tech firms should offer an initial, less expensive "trial period" during which the firm would also offer training.

"Most won't mind paying if they ... see results," the agent said.

In that vein, agents also clamored for an independent website offering tech reviews and comparisons, including rankings of products' return on investment.

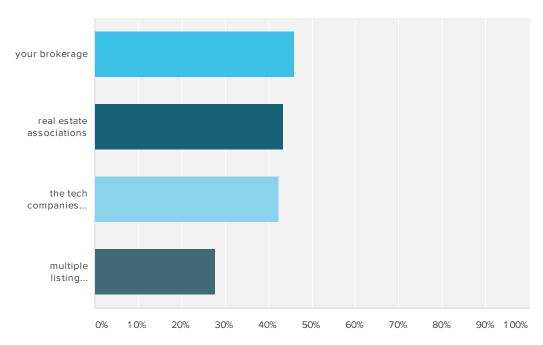
One agent asked for a "reliable third-party source that compares all of the various tech tools with honest pros and cons so we don't have to do all the research ourselves." Another said, "It would be great to see some comparable numbers on where my investment would yield the best ROI."

A couple of agents suggested the National Association of Realtors should play that role, acting as a kind of "Consumer Reports" for real estate and testing and rating products.

When asked which entities they wish would offer more support to encourage agent adoption of tech products, more than 4 in 10 agents said they'd like more support from their brokerage, association and/or tech companies.

## Q84 Which entities do you wish would offer more support to encourage agent adoption of tech products?





Answer Choices	Responses	
your brokerage	45.96%	91
real estate associations	43.43%	86
the tech companies themselves	42.42%	84
multiple listing services	27.78%	55
Total Respondents: 198		

<sup>&</sup>quot;Especially my local association. They provide classes, but they should be FREE if they want us to increase our business and attract new members," an agent said.

#### CALL FOR INTEGRATION

Most agents said that at least some of the tools they use are integrated with each other, but which interoperated with which varied quite a bit. Some involved the combination of two products, such as the MLS and a CMA tool. Others said several or "all" of their tools were integrated.

For instance, one Keller Williams agent noted that his or her CRM, transaction management platform, email marketing service, broker and agent websites, e-signature product and marketing materials software were integrated.

Nonetheless, many agents suggested that products leave much to be desired when it comes to integration.

"[There are] too many choices that do not work well together to provide seamless transactions for clients," one agent said.

Another agent asked for a "true contract-to-close" system, combining lead generation, listing management and transaction management.

Others wanted their social media accounts, email and MLS to interconnect, or their CRM to talk to their transaction management platform.

"All of our 'stuff' is either disjointed or takes a full-time, patient tech nerd to use," an agent said.

Another agent lamented that they "waste so much time entering in [the] same information on different platforms."

Too many different vendors provide the same service but make it difficult for their platforms to talk to one another, said another.

"I'd like all of them to work together. Email with CRM with Zillow with my website with the MLS and DocuSign," an agent said.

#### THIRD-PARTY SITES GET MIXED REVIEWS

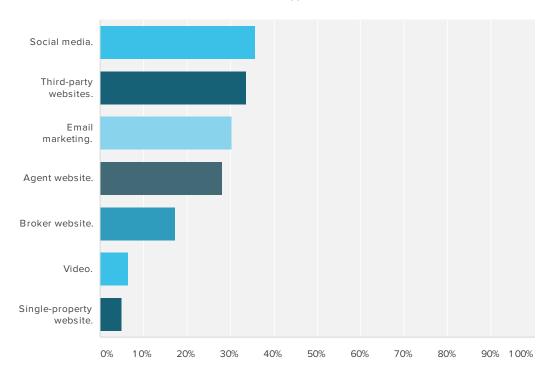
When agents were asked what tools they tried but did not find useful for their business, most responses centered around lead generation: 31 percent said they did not find advertising on one of the three big portals useful, followed by 19 percent who named "other lead generation tool," 19 percent who said single-property websites and 13 percent who said broker website.

"Numerous companies ... claim they can put you on the first page of Google. [Those offer] expensive lessons because they always have a reason later as to why you did not show up on the first page," an agent said.

The verdict on third-party sites is more nuanced, however, because they were voted the second most effective lead generator among tech products, after social media. Single-property websites and video were the least likely to deliver the most leads.

Q64 What kinds of tech products give you the most leads?

Answered: 202 Skipped: 409

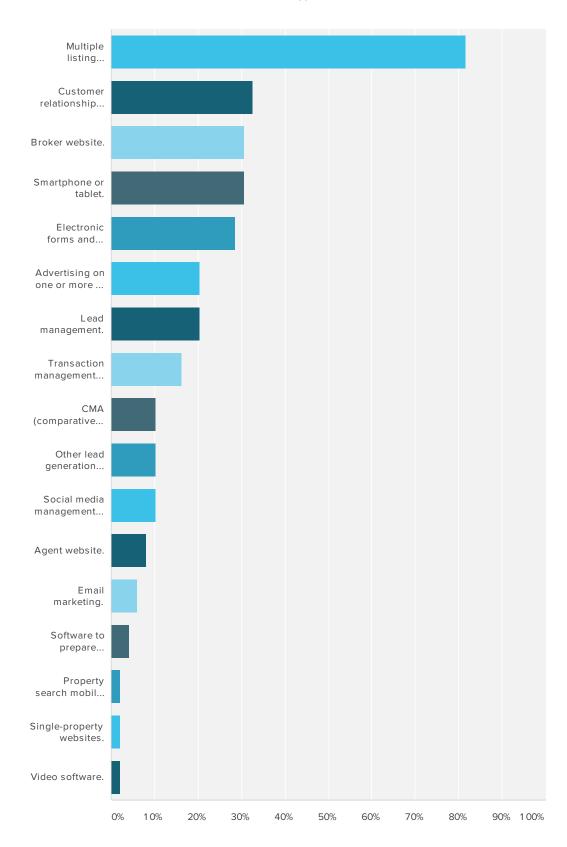


Answer Choices	Responses	
Social media.	35.64%	72
Third-party websites.	33.66%	68
Email marketing.	30.20%	61
Agent website.	28.22%	57
Broker website.	17.33%	35
Video.	6.44%	13
Single-property website.	4.95%	10
Total Respondents: 202		



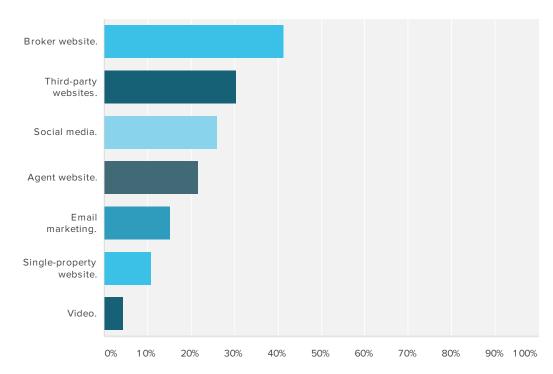
**TECH SURVEY RESULTS** 

## Q2 What are the top 3 most important technologies you use in your business? (Please choose only 3.)



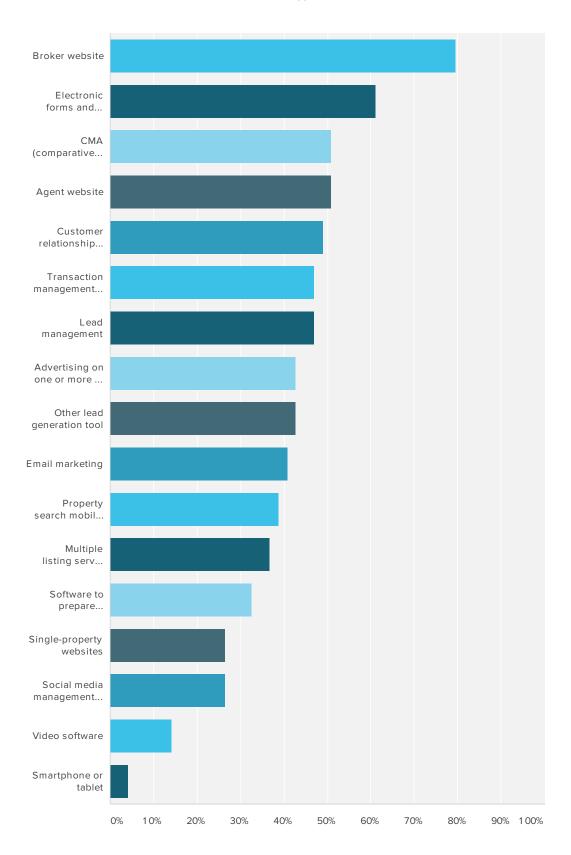
swer Choices	Responses	
Multiple listing service.	81.63%	
Customer relationship management platform.	32.65%	
Broker website.	30.61%	
Smartphone or tablet.	30.61%	
Electronic forms and signatures.	28.57%	
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	20.41%	
Lead management.	20.41%	
Transaction management platform.	16.33%	
CMA (comparative market analysis) tool.	10.20%	
Other lead generation tool.	10.20%	
Social media management tools.	10.20%	
Agent website.	8.16%	
Email marketing.	6.12%	
Software to prepare marketing materials.	4.08%	
Property search mobile app.	2.04%	
Single-property websites.	2.04%	
Video software.	2.04%	
al Respondents: 49		

### Q3 What kinds of tech products give you the most leads?



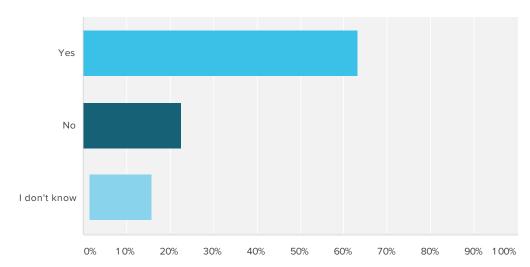
nswer Choices	Responses	
Broker website.	41.30%	19
Third-party websites.	30.43%	14
Social media.	26.09%	12
Agent website.	21.74%	10
Email marketing.	15.22%	7
Single-property website.	10.87%	5
Video.	4.35%	2
otal Respondents: 46		

## Q4 Which of the following technologies do you provide to your agents? (Choose all that apply)



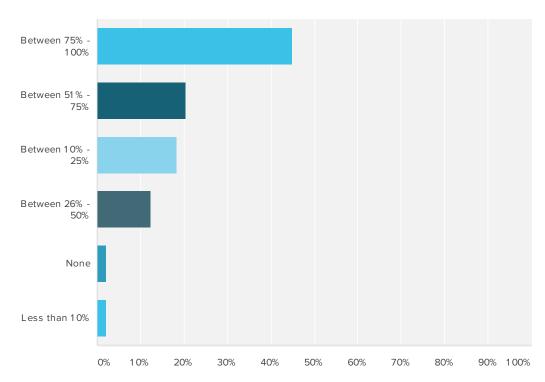
inswer Choices	Responses	
Broker website	79.59%	39
Electronic forms and signatures	61.22%	30
CMA (comparative market analysis) tool	51.02%	25
Agent website	51.02%	25
Customer relationship management platform	48.98%	24
Transaction management platform	46.94%	23
Lead management	46.94%	23
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com)	42.86%	21
Other lead generation tool	42.86%	21
Email marketing	40.82%	20
Property search mobile app	38.78%	19
Multiple listing service dues	36.73%	18
Software to prepare marketing materials	32.65%	16
Single-property websites	26.53%	13
Social media management tools	26.53%	13
Video software	14.29%	7
Smartphone or tablet	4.08%	-
otal Respondents: 49		

## Q5 Do any of these tools integrate with/speak to each other?



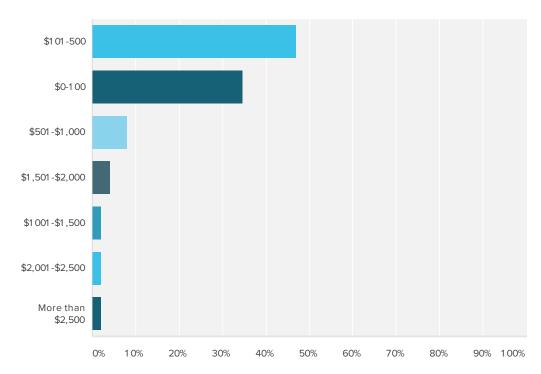
Answer Choices	Responses	
Yes	63.27%	31
No	22.45%	11
I don't know	14.29%	7
Total		49

## Q8 What percentage of agents use the technologies you offer?



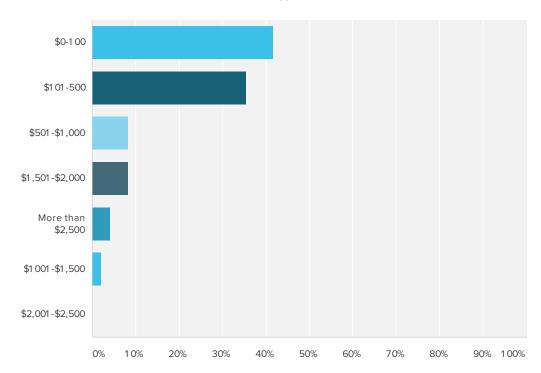
Answer Choices	Responses	
Between 75% - 100%	44.90%	22
Between 51 % - 75%	20.41%	10
Between 10% - 25%	18.37%	9
Between 26% - 50%	12.24%	6
None	2.04%	1
Less than 10%	2.04%	1
Total		49

## Q9 How much do you spend per agent monthly on technology?



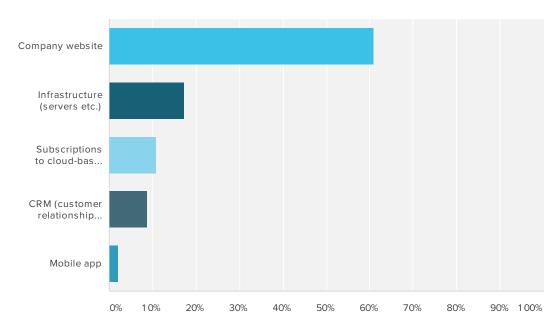
nswer Choices	Responses	
\$1 01 -500	46.94%	23
\$0-1 00	34.69%	17
\$501 - \$1,000	8.16%	4
\$1,501-\$2,000	4.08%	2
\$1 001 - \$1,500	2.04%	1
\$2,001-\$2,500	2.04%	1
More than \$2,500	2.04%	1
otal		49

#### Q10 How much do you spend per agent monthly specifically on lead generation for your agents?



Answer Choices	Responses	
\$0-1 00	41.67%	20
\$1 01 -500	35.42%	17
\$501 -\$1,000	8.33%	4
\$1,501-\$2,000	8.33%	4
More than \$2,500	4.17%	2
\$1 001 -\$1,500	2.08%	1
\$2,001-\$2,500	0.00%	0
Total		48

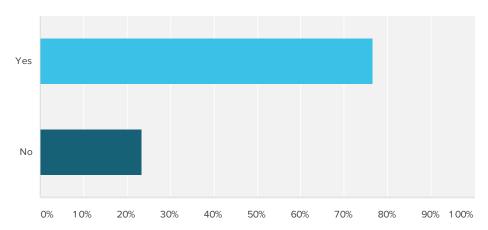
### Q11 What is your biggest technology investment for your business?



Answer Choices	Responses	
Company website	60.87%	28
Infrastructure (servers etc.)	17.39%	8
Subscriptions to cloud-based services	10.87%	5
CRM (customer relationship management) tool	8.70%	4
Mobile app	2.17%	1
Total		46

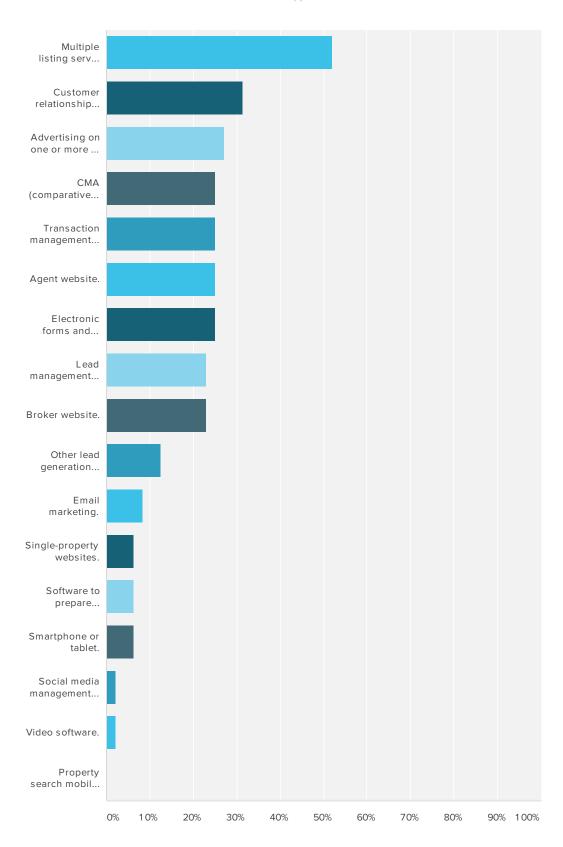
## Q13 Are your agents financially responsible for any of their tech costs?

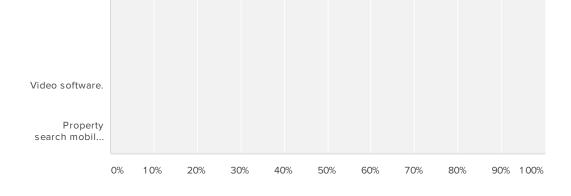
Answered: 47 Skipped: 251



Answer Choices	Responses	
Yes	76.60%	36
No	23.40%	11
Total		47

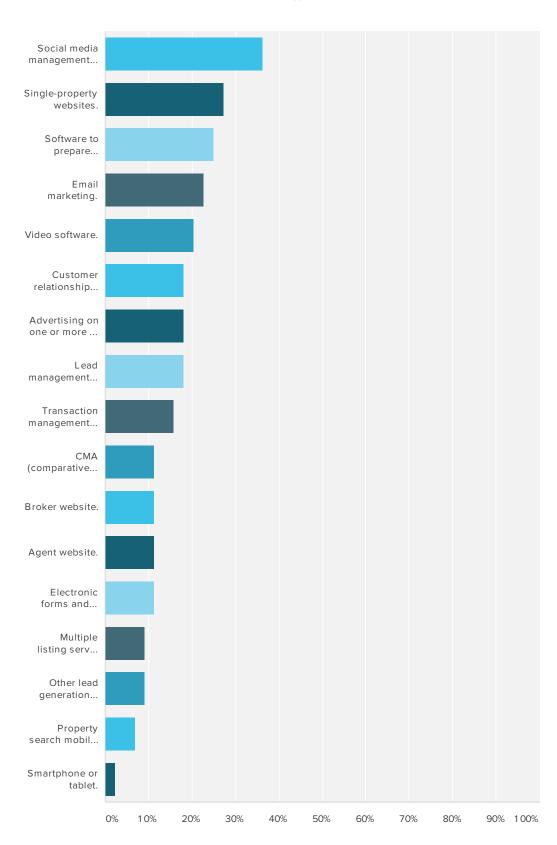
## Q1 4 Of the tools you provide, what are the top 3 most popular tools among your agents in terms of adoption? (Please choose only 3.)

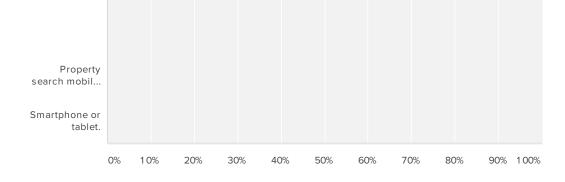




Answer Choices	Res	sponses	
Multiple listing service dues.	52.0	08%	25
Customer relationship management platform.	31.2	25% 1	15
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	27.0	08% 1	13
CMA (comparative market analysis) tool.	25.0	00% 1	12
Transaction management platform.	25.0	00% 1	12
Agent website.	25.0	00% 1	12
Electronic forms and signatures.	25.0	00% 1	12
Lead management tool.	22.9	92% 1	11
Broker website.	22.9	92% 1	11
Other lead generation tool.	12.5	50%	6
Email marketing.	8.33	3%	4
Single-property websites.	6.25	5%	3
Software to prepare marketing materials.	6.25	5%	3
Smartphone or tablet.	6.25	5%	3
Social media management tools.	2.08	3%	1
Video software.	2.08	3%	1
Property search mobile app.	0.00	0%	0
Total Respondents: 48			

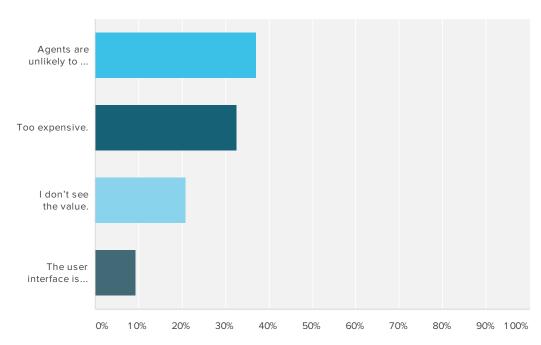
## Q15 Of the tools you provide, what are the top 3 least popular tools among your agents in terms of adoption? (Please choose only 3.)





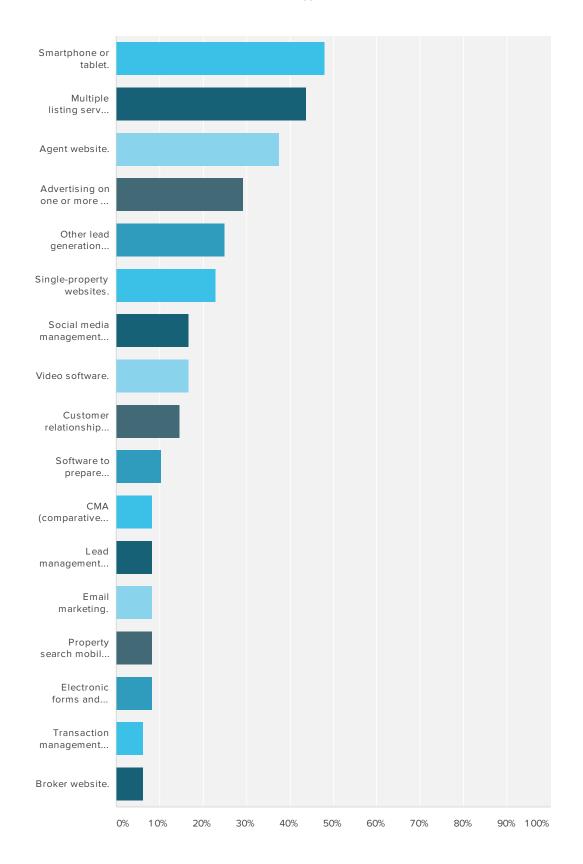
Answer Choices	Responses	5
Social media management tools.	36.36%	16
Single-property websites.	27.27%	12
Software to prepare marketing materials.	25.00%	11
Email marketing.	22.73%	10
Video software.	20.45%	9
Customer relationship management platform.	18.18%	8
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	18.18%	8
Lead management tool.	18.18%	8
Transaction management platform.	15.91%	7
CMA (comparative market analysis) tool.	11.36%	5
Broker website.	11.36%	5
Agent website.	11.36%	5
Electronic forms and signatures.	11.36%	5
Multiple listing service dues.	9.09%	4
Other lead generation tool.	9.09%	4
Property search mobile app.	6.82%	3
Smartphone or tablet.	2.27%	1
Total Respondents: 44		

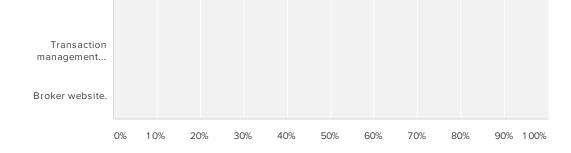
### Q16 What is the primary reason you will not offer a tech tool to all of your agents?



Answer Choices	Responses	
Agents are unlikely to use it.	37.21%	16
Too expensive.	32.56%	14
I don't see the value.	20.93%	9
The user interface is not intuitive.	9.30%	4
Total		43

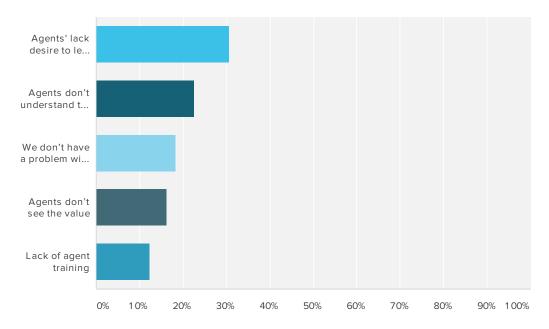
## Q17 Of the tools you don't provide, which are agents most likely to go out and buy themselves? (Choose all that apply.)





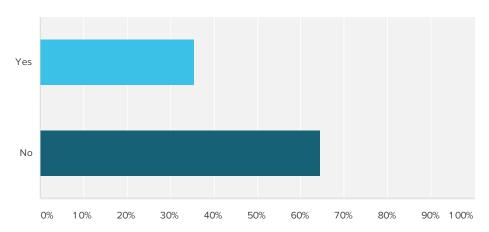
Answer Choices	Respons	es
Smartphone or tablet.	47.92%	23
Multiple listing service dues.	43.75%	21
Agent website.	37.50%	18
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	29.17%	14
Other lead generation tool.	25.00%	12
Single-property websites.	22.92%	11
Social media management tools.	16.67%	8
Video software.	16.67%	8
Customer relationship management platform.	14.58%	7
Software to prepare marketing materials.	10.42%	5
CMA (comparative market analysis) tool.	8.33%	4
Lead management tool.	8.33%	4
Email marketing.	8.33%	4
Property search mobile app.	8.33%	4
Electronic forms and signatures.	8.33%	4
Transaction management platform.	6.25%	3
Broker website.	6.25%	3
otal Respondents: 48		

### Q18 What is your biggest challenge with agent tech adoption?



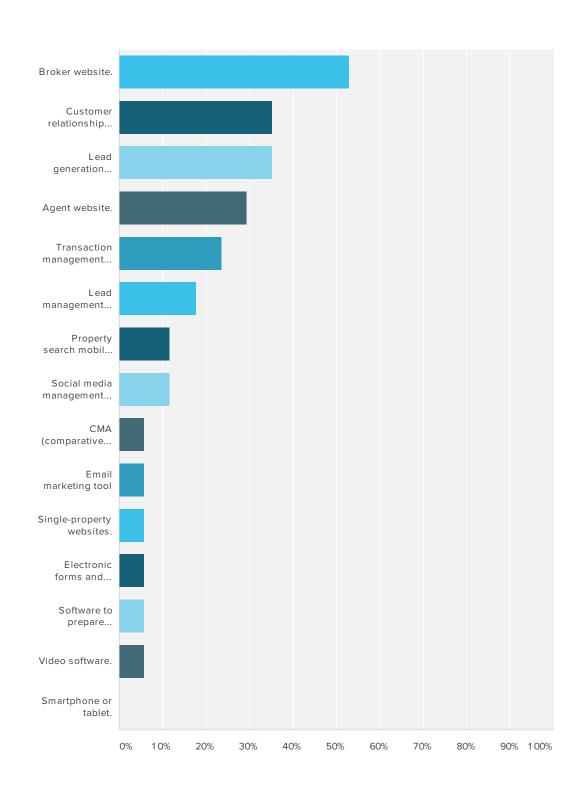
nswer Choices	Respons	es
Agents' lack desire to learn new things	30.61%	15
Agents don't understand the technology	22.45%	11
We don't have a problem with agent tech adoption because our support staff deals with all tech and marketing.	18.37%	Ç
Agents don't see the value	16.33%	3
Lack of agent training	12.24%	(
ptal		49

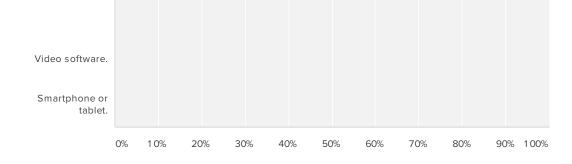
### Q19 Do you or have you built any of your own tech tools?



Answer Choices	Responses	
Yes	35.42%	17
No	64.58%	31
Total		48

### Q20 If yes, which ones? (Choose all that apply.)

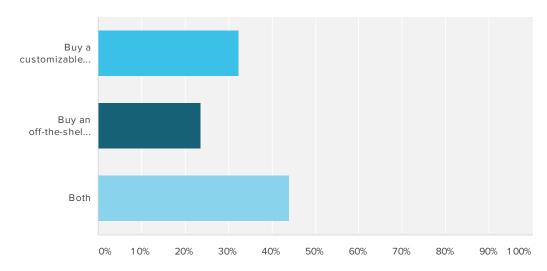




Answer Choices	Responses	
Broker website.	52.94%	9
Customer relationship management platform.	35.29%	6
Lead generation tool.	35.29%	6
Agent website.	29.41%	5
Transaction management platform.	23.53%	4
Lead management tool.	17.65%	3
Property search mobile app.	11.76%	2
Social media management tools.	11.76%	2
CMA (comparative market analysis) tool.	5.88%	1
Email marketing tool	5.88%	1
Single-property websites.	5.88%	1
Electronic forms and signatures.	5.88%	1
Software to prepare marketing materials.	5.88%	1
Video software.	5.88%	1
Smartphone or tablet.	0.00%	0
Total Respondents: 17		

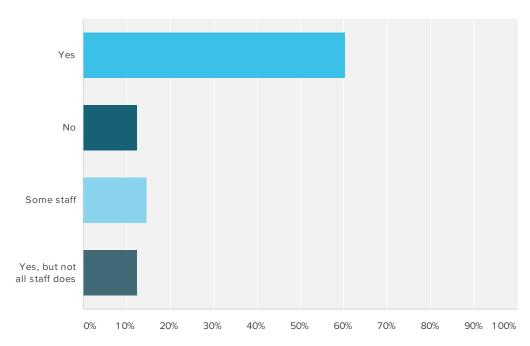
### Q21 If you have not built any of your own tech tools, do you tend to:

Answered: 34 Skipped: 264



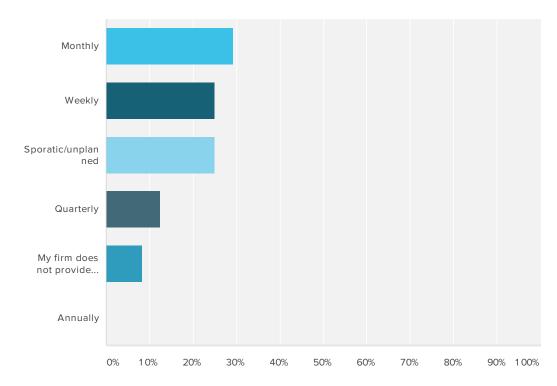
Answer Choices	Responses	
Buy a customizable one from a third party.	32.35%	11
Buy an off-the-shelf generic version.	23.53%	8
Both	44.12%	15
Total		34

### Q22 When introducing a new technology to your agents, is your staff required to learn and support each one?



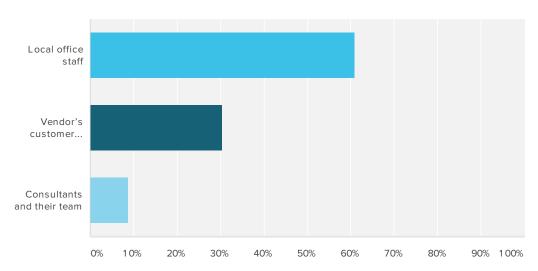
Answer Choices	Responses	
Yes	60.42%	29
No	12.50%	6
Some staff	14.58%	7
Yes, but not all staff does	12.50%	6
Total		48

### Q23 Does your firm provide agent technology training? If so, how often?



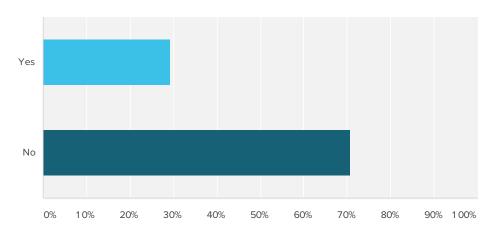
Answer Choices	Responses	
Monthly	29.17%	14
Weekly	25.00%	12
Sporatic/unplanned	25.00%	12
Quarterly	12.50%	6
My firm does not provide agent technology training	8.33%	4
Annually	0.00%	0
Total		48

### Q24 What department is the primary "go-to" to support and train on new technology?



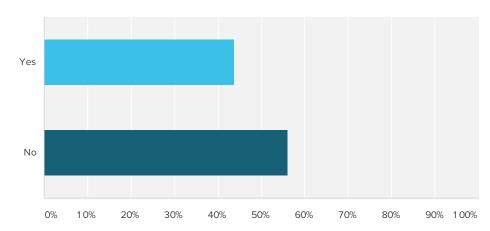
Answer Choices	Responses	
Local office staff	60.87%	28
Vendor's customer support	30.43%	14
Consultants and their team	8.70%	4
Total		46

## Q25 Do you hire outside support (contractors) when launching a new technology?



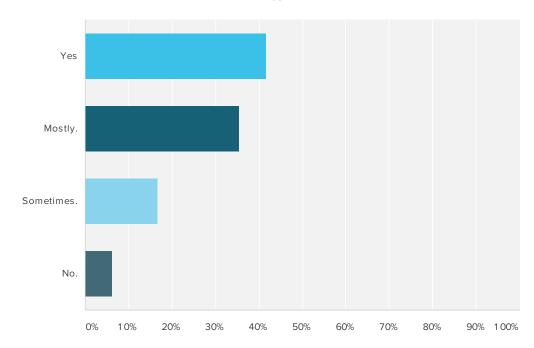
Answer Choices	Responses	
Yes	29.17%	14
No	70.83%	34
Total		48

### Q26 Do you keep either a marketing and/or technology consultant on contract year-round?



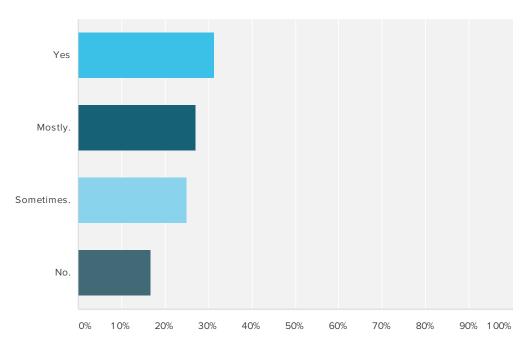
Answer Choices	Responses
Yes	43.75% 21
No	56.25% 27
Total	48

### Q27 Do you receive adequate tech support and customer service from your respective tech vendors?



Answer Choices	Responses	
Yes	41.67%	20
Mostly.	35.42%	17
Sometimes.	16.67%	8
No.	6.25%	3
Total		48

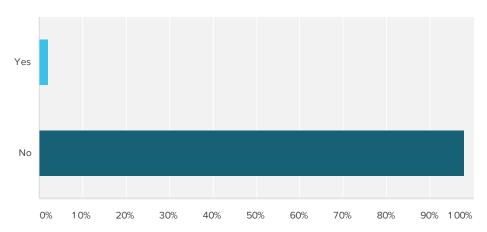
#### Q28 Do you receive adequate in-person agent and staff training from your vendors?



Answer Choices	Responses	
Yes	31.25%	15
Mostly.	27.08%	13
Sometimes.	25.00%	12
No.	16.67%	8
Total		48

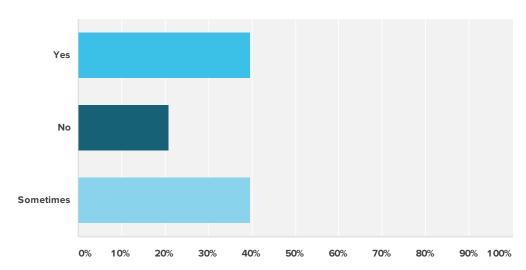
### Q29 Do you offer a monetary incentive to agents that adopt certain tech products?

Answered: 47 Skipped: 251



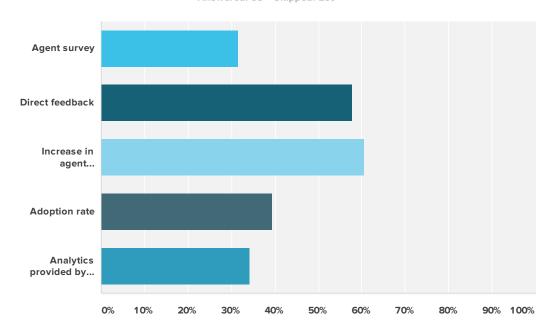
Answer Choices	Responses	
Yes	2.13%	1
No	97.87%	46
Total		47

#### Q32 Do you measure the overall success of each tech tool?



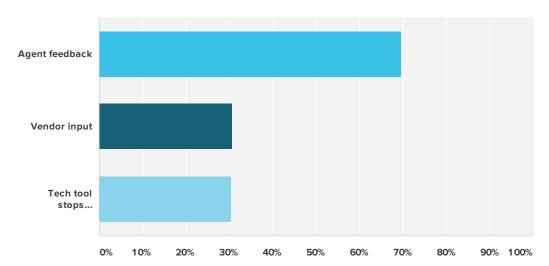
Answer Choices	Responses	
Yes	39.58%	19
No	20.83%	10
Sometimes	39.58%	19
Total		48

#### Q33 If so, how? (Choose all that apply.)



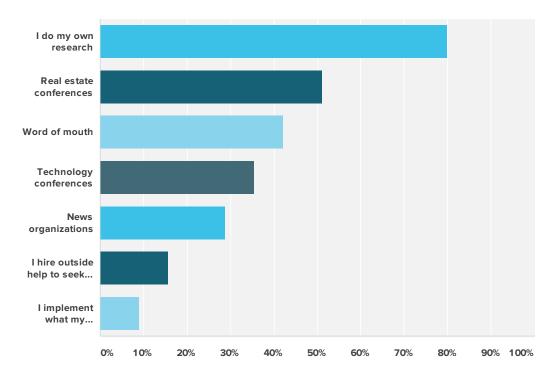
Answer Choices	Responses	
Agent survey	31.58%	12
Direct feedback	57.89%	22
Increase in agent productivity	60.53%	23
Adoption rate	39.47%	15
Analytics provided by respective vendors	34.21%	13
Total Respondents: 38		

### Q34 How do you decide when it's time to replace or upgrade a current technology? (Choose all that apply.)



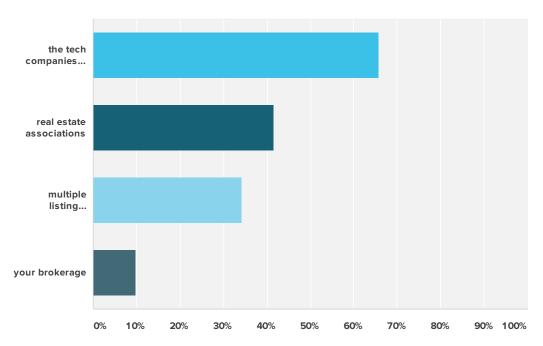
Answer Choices	Responses	
Agent feedback	69.57%	32
Vendor input	30.43%	14
Tech tool stops functioning or never did	30.43%	14
Total Respondents: 46		

### Q43 How do you seek out and decide upon technologies to implement? (Choose all that apply.)



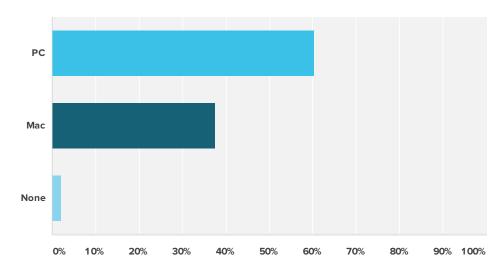
r Choices	Respons	es
o my own research	80.00%	36
eal estate conferences	51.11%	23
ord of mouth	42.22%	19
chnology conferences	35.56%	16
ews organizations	28.89%	13
ire outside help to seek out and vet new technology	15.56%	7
nplement what my competitors use	8.89%	4
espondents: 45		8.89%

### Q44 Which entities do you wish would offer more support to encourage agent adoption of tech products?



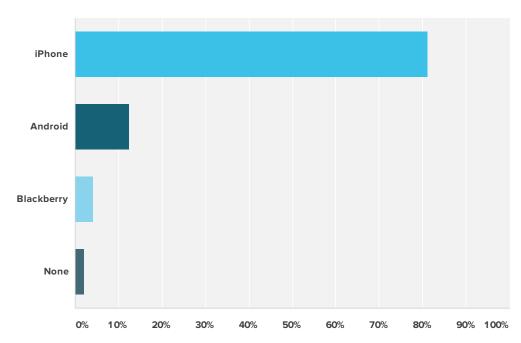
Answer Choices	Responses	
the tech companies themselves	65.85%	27
real estate associations	41.46%	17
multiple listing services	34.15%	14
your brokerage	9.76%	4
Total Respondents: 41		

#### Q45 What type of laptop do you use for business?



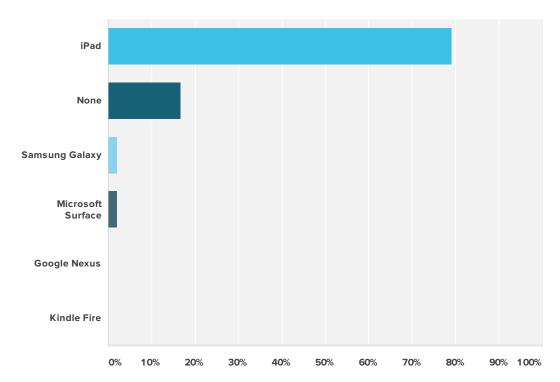
Answer Choices	Responses	
PC	60.42%	29
Mac	37.50%	18
None	2.08%	1
Total		48

#### Q46 What type of smartphone do you use for business?



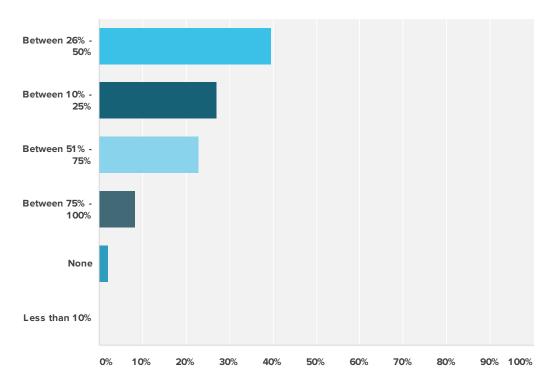
Answer Choices	Responses	
iPhone	81.25%	39
Android	12.50%	6
Blackberry	4.17%	2
None	2.08%	1
Total		48

#### Q47 What type of tablet do you use for business?



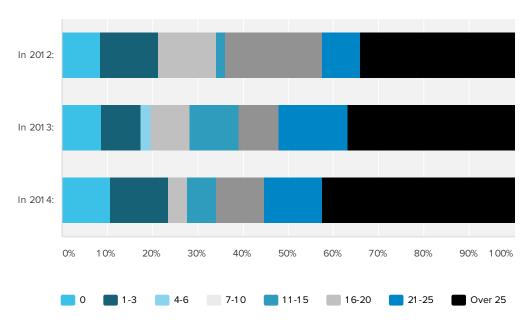
Answer Choices	Responses	
iPad	79.17%	38
None	16.67%	8
Samsung Galaxy	2.08%	1
Microsoft Surface	2.08%	1
Google Nexus	0.00%	0
Kindle Fire	0.00%	0
Total		48

### Q48 What percentage of the time that you spent on a computer for your business is spent on a mobile device?



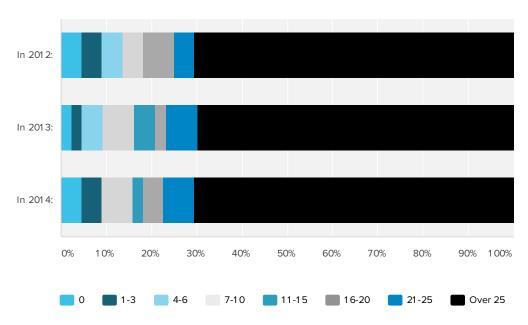
Answer Choices	Responses	
Between 26% - 50%	39.58%	19
Between 10% - 25%	27.08%	13
Between 51% - 75%	22.92%	11
Between 75% - 100%	8.33%	4
None	2.08%	1
Less than 10%	0.00%	0
Total		48

#### Q56 How many transaction sides did you (personally) close:



	0	1-3	4-6	7-10	11-15	16-20	21-25	Over 25	Total
In 2012:	8.51 % 4	12.77% 6	0.00%	12.77% 6	2.13%	21.28% 10	8.51 % 4	<b>34.04%</b> 16	47
In 2013:	8.70% 4	8.70% 4	2.17%	8.70% 4	10.87% 5	8.70% 4	15.22% 7	36.96% 17	46
In 2014:	10.64% 5	12.77% 6	0.00%	4.26% 2	6.38%	10.64% 5	12.77% 6	<b>42.55%</b> 20	47

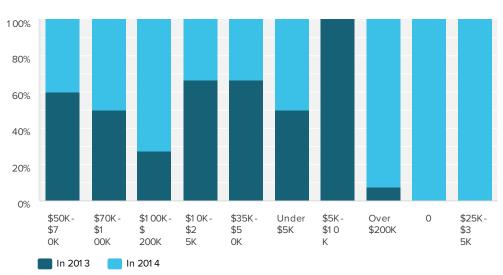
### Q57 How many transaction sides did you supervise that closed:



	0	1-3	4-6	7-10	11-15	16-20	21 - 25	Over 25	Total
In 201 2:	<b>4.55</b> %	<b>4.55</b> %	<b>4.55</b> %	4.55% 2	0.00%	6.82% 3	<b>4.55</b> %	<b>70.45</b> % 31	44
In 2013:	2.33% 1	2.33% 1	<b>4.65</b> %	6.98% 3	<b>4.65</b> %	2.33%	<b>6.98</b> %	<b>69.77%</b> 30	43
In 2014:	<b>4.55</b> %	<b>4.55</b> %	0.00%	6.82% 3	2.27%	<b>4.55%</b> 2	6.82% 3	<b>70.45</b> %	44

#### Q58 Your individual gross income from real estate work (before taxes):

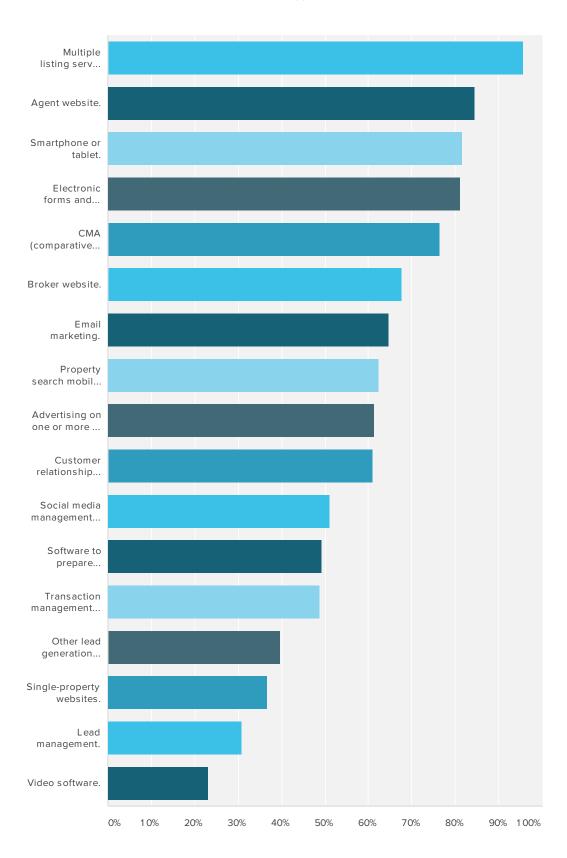




	In 2013	In 2014	Total
\$50K-\$70K	60.00%	40.00%	
	6	4	10
\$70K-\$100K	50.00%	50.00%	
	6	6	12
\$1 00K-\$200K	27.27%	72.73%	
	6	16	22
\$1 OK-\$25K	66.67%	33.33%	
	2	1	3
\$35K-\$50K	66.67%	33.33%	
	2	1	3
Under \$5K	50.00%	50.00%	
	1	1	2
\$5K-\$1 OK	1 00.00%	0.00%	
	1	0	1
Over \$200K	7.69%	92.31%	
	1	12	13
0	0.00%	100.00%	
	0	1	1
\$25K-\$35K	0.00%	100.00%	
	0	2	2

### Q62 Which of the following technologies do you use in your business? (Choose all that apply)

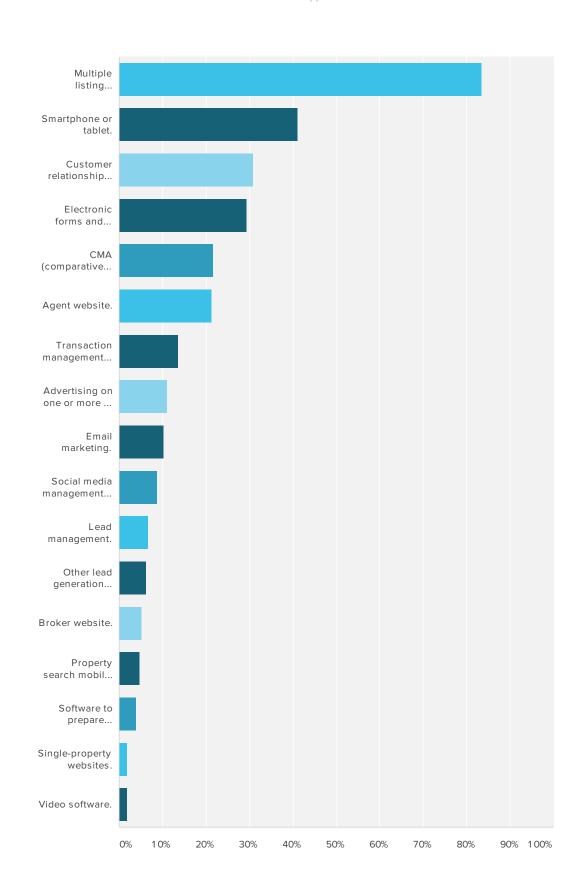
Answered: 207 Skipped: 404



wer Choices	Responses	
Multiple listing service dues	95.65%	19
Agent website.	84.54%	1
Smartphone or tablet.	81.64%	1
Electronic forms and signatures.	81.16%	1
CMA (comparative market analysis) tool.	76.33%	1
Broker website.	67.63%	1
Email marketing.	64.73%	,
Property search mobile app.	62.32%	,
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	61.35%	,
Customer relationship management platform.	60.87%	,
Social media management tools.	51.21%	,
Software to prepare marketing materials.	49.28%	,
Transaction management platform.	48.79%	,
Other lead generation tool.	39.61%	
Single-property websites.	36.71%	
Lead management.	30.92%	
Video software.	23.19%	
al Respondents: 207		

### Q63 What are the top 3 most important technologies you use in your business? (Please choose only 3.)

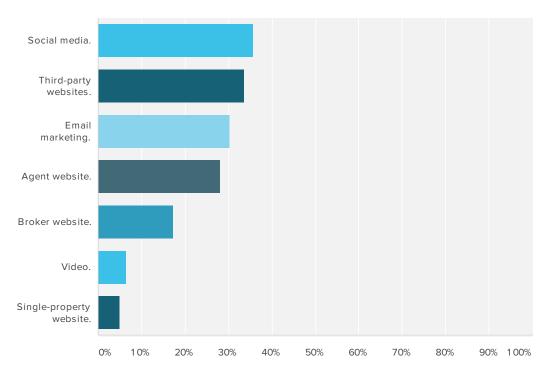
Answered: 207 Skipped: 404



1.93%

#### Q64 What kinds of tech products give you the most leads?

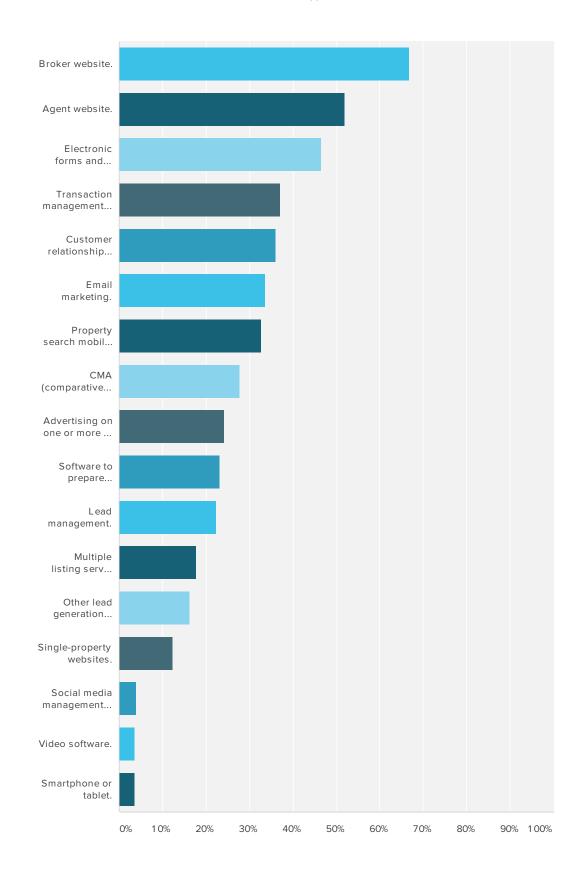
Answered: 202 Skipped: 409



Answer Choices	Responses	
Allower onoices	100 100 100 100 100 100 100 100 100 100	
Social media.	35.64%	72
Third-party websites.	33.66%	68
Email marketing.	30.20%	61
Agent website.	28.22%	57
Broker website.	17.33%	35
Video.	6.44%	13
Single-property website.	4.95%	10
Total Respondents: 202		

### Q65 How many tech products that you use in your business are provided by your broker? (Check all that apply)

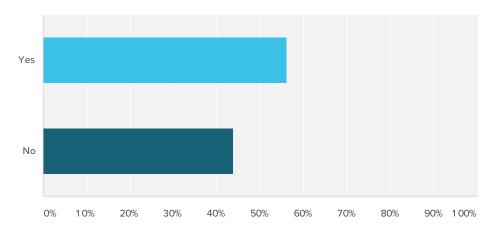
Answered: 202 Skipped: 409



swer Choices	Responses	
Broker website.	66.83%	
Agent website.	51.98%	
Electronic forms and signatures.	46.53%	
Transaction management platform.	37.13%	
Customer relationship management platform.	36.14%	
Email marketing.	33.66%	
Property search mobile app.	32.67%	
CMA (comparative market analysis) tool.	27.72%	
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	24.26%	
Software to prepare marketing materials.	23.27%	
Lead management.	22.28%	
Multiple listing service dues	17.82%	
Other lead generation tool.	16.34%	
Single-property websites.	12.38%	
Social media management tools.	3.96%	
Video software.	3.47%	
Smartphone or tablet.	3.47%	
tal Respondents: 202		

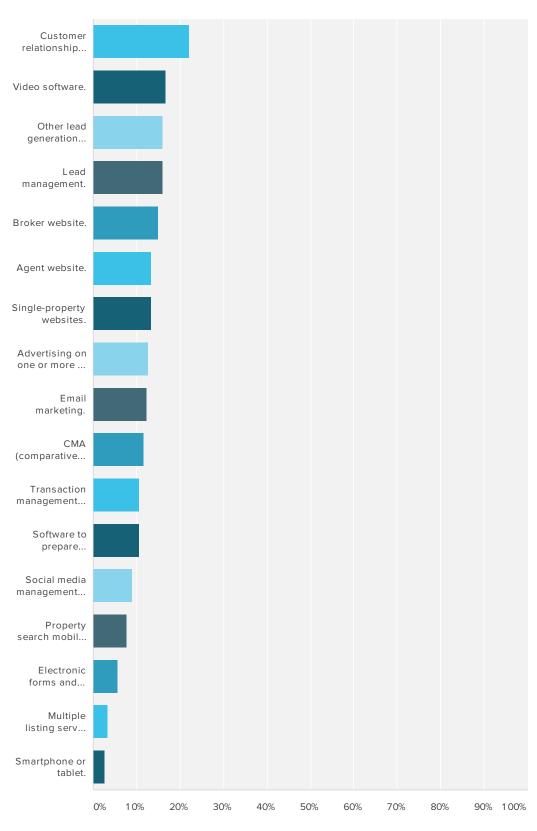
### Q66 Do any of these tools integrate with/speak to each other?

Answered: 205 Skipped: 406



Answer Choices	Responses	
Yes	56.10%	115
No	43.90%	90
Total		205

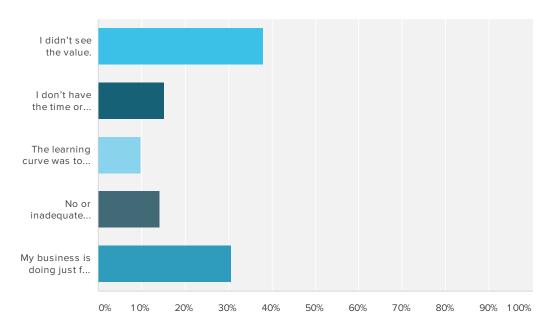
#### Q69 Which broker-provided tools have you chosen not to use? (Choose all that apply.)



swer Choices	Responses	
Customer relationship management platform.	22.22%	
Video software.	16.67%	:
Other lead generation tool.	16.11%	
Lead management.	16.11%	
Broker website.	15.00%	
Agent website.	13.33%	
Single-property websites.	13.33%	
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	12.78%	
Email marketing.	12.22%	
CMA (comparative market analysis) tool.	11.67%	
Transaction management platform.	10.56%	
Software to prepare marketing materials.	10.56%	
Social media management tools.	8.89%	
Property search mobile app.	7.78%	
Electronic forms and signatures.	5.56%	
Multiple listing service dues.	3.33%	
Smartphone or tablet.	2.78%	
al Respondents: 180		

#### Q70 Why did you choose not to use those broker-provided tools?

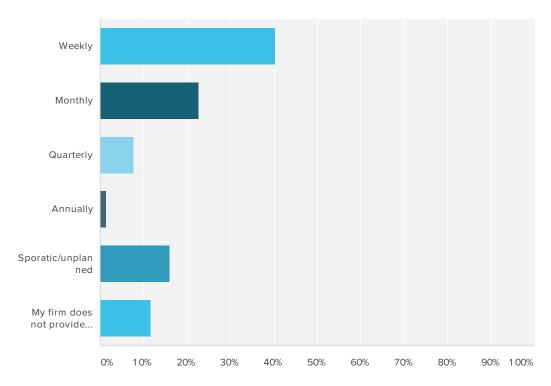
Answered: 163 Skipped: 448



Answer Choices	Responses	
I didn't see the value.	38.04%	62
I don't have the time or desire to learn how to use it/them.	15.34%	25
The learning curve was too high.	9.82%	16
No or inadequate training was offered.	14.11%	23
My business is doing just fine without them.	30.67%	50
Total Respondents: 163		

### Q71 Does your firm provide agent technology training? If so, how often?

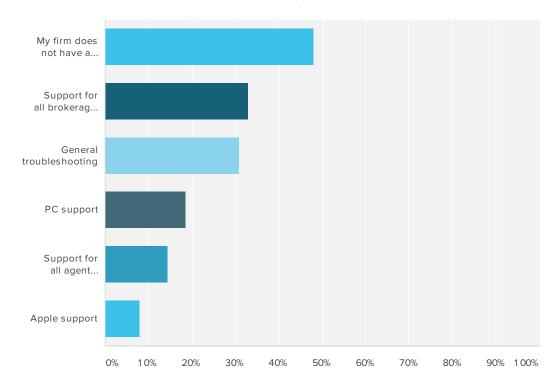
Answered: 206 Skipped: 405



Answer Choices	Responses	
Weekly	40.29%	83
Monthly	22.82%	47
Quarterly	7.77%	16
Annually	1.46%	3
Sporatic/unplanned	16.02%	33
My firm does not provide agent technology training	11.65%	24
Total		206

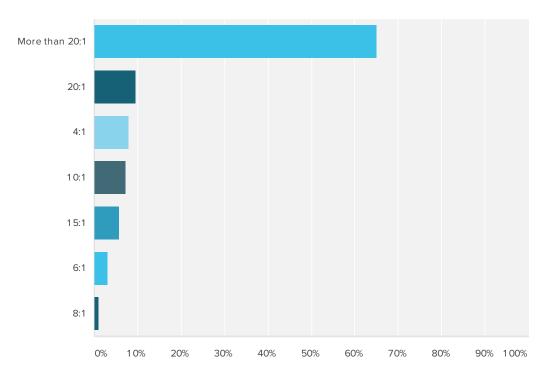
# Q72 Does your firm have a formal tech support agreement between broker and agents? If so, what does the broker provide?

Answered: 200 Skipped: 411



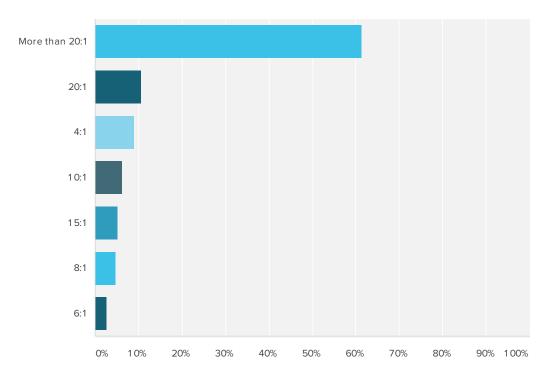
48.00%	96
	90
33.00%	66
31.00%	62
18.50%	3
14.50%	29
8.00%	1

### Q73 What is the approximate agent-to-tech support staff ratio at your firm?



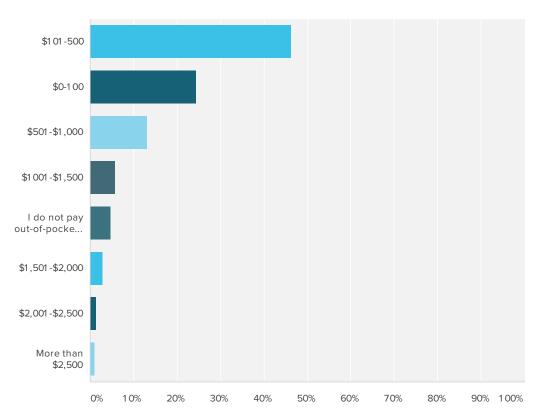
Answer Choices	Responses	
More than 20:1	65.08%	123
20:1	9.52%	18
4:1	7.94%	15
10:1	7.41%	14
15:1	5.82%	11
6:1	3.17%	6
8:1	1.06%	2
otal		189

### Q74 What is the approximate agent-to-marketing support staff ratio at your firm?



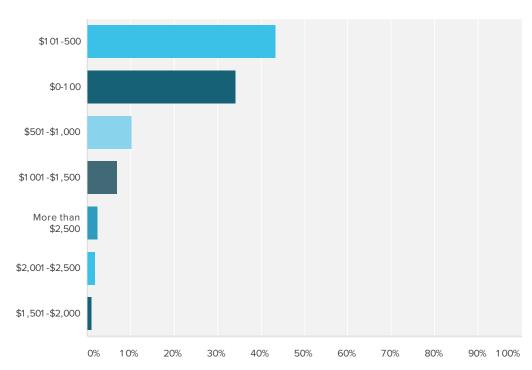
Answer Choices	Responses	
More than 20:1	61.38%	116
20:1	1 0.58%	20
4:1	8.99%	17
1 0:1	6.35%	12
15:1	5.29%	10
8:1	4.76%	9
6:1	2.65%	5
otal		189

#### Q75 What are your monthly individual paid out-of-pocket technology expenses?



Answer Choices	Responses	
\$1 01 -500	46.34%	95
\$0-100	24.39%	50
\$501-\$1,000	13.17%	27
\$1 001 - \$1,500	5.85%	12
I do not pay out-of-pocket technology expenses	4.88%	10
\$1,501-\$2,000	2.93%	6
\$2,001 -\$2,500	1.46%	3
More than \$2,500	0.98%	2
Fotal		205

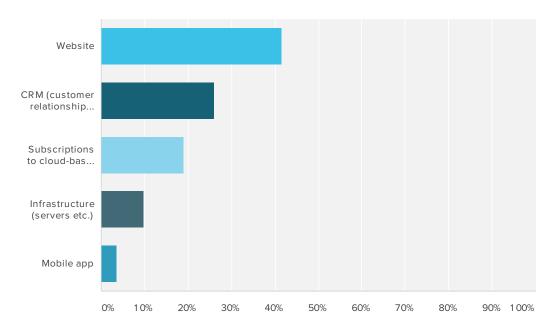
### Q76 How much do you spend per month specifically on lead generation?



Answer Choices	Responses	
\$1 01-500	43.41%	89
\$0-100	34.15%	70
\$501-\$1,000	10.24%	21
\$1 001 -\$1 ,500	6.83%	14
More than \$2,500	2.44%	5
\$2,001 - \$2,500	1.95%	4
\$1,501-\$2,000	0.98%	2
Total Respondents: 205		

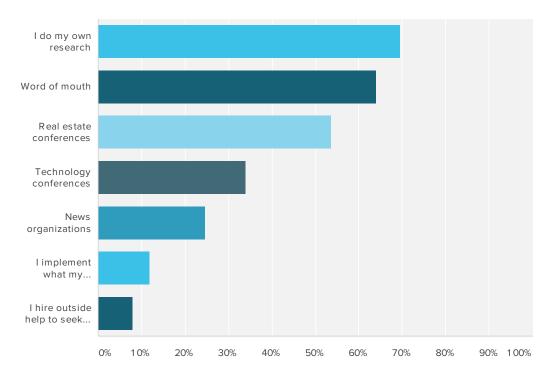
### Q77 What is your biggest technology investment for your business?

Answered: 195 Skipped: 103



Answer Choices	Responses	
Website	41.54%	81
CRM (customer relationship management) tool	26.15%	51
Subscriptions to cloud-based services	18.97%	37
Infrastructure (servers etc.)	9.74%	19
Mobile app	3.59%	7
Total		195

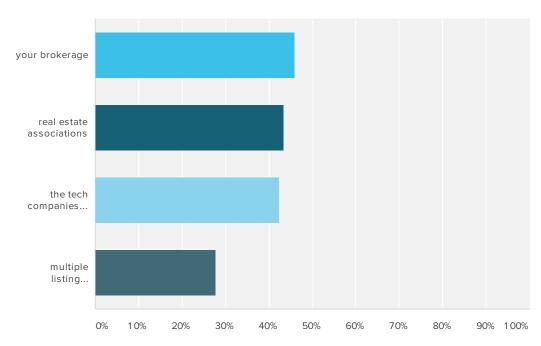
# Q83 How do you seek out and decide upon technologies to implement? (Choose all that apply.)



wer Choices	Responses	
I do my own research	69.46%	14
Word of mouth	64.04%	13
Real estate conferences	53.69%	10
Technology conferences	33.99%	6
News organizations	24.63%	5
I implement what my competitors use	11.82%	2
I hire outside help to seek out and vet new technology	7.88%	1
al Respondents: 203		

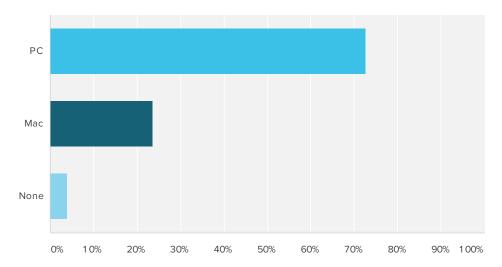
# Q84 Which entities do you wish would offer more support to encourage agent adoption of tech products?

Answered: 198 Skipped: 100



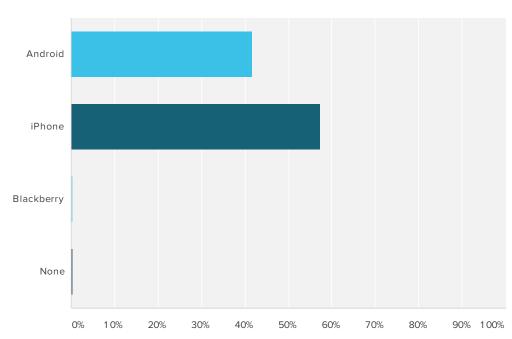
Answer Choices	Responses	
your brokerage	45.96%	91
real estate associations	43.43%	86
the tech companies themselves	42.42%	84
multiple listing services	27.78%	55
Total Respondents: 198		

### Q85 What type of laptop do you use for business?



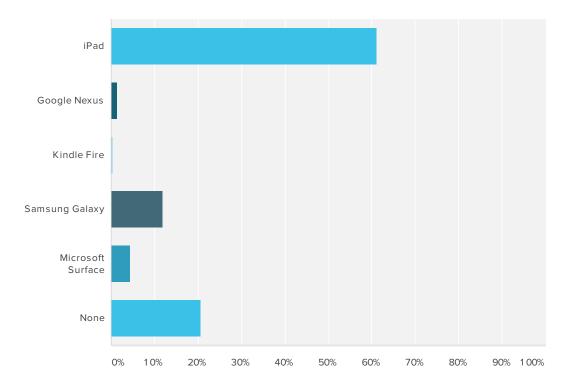
Answer Choices	Responses
PC	72.55% 148
Mac	23.53% 48
None	3.92%
Total	204

#### Q86 What type of smartphone do you use for business?



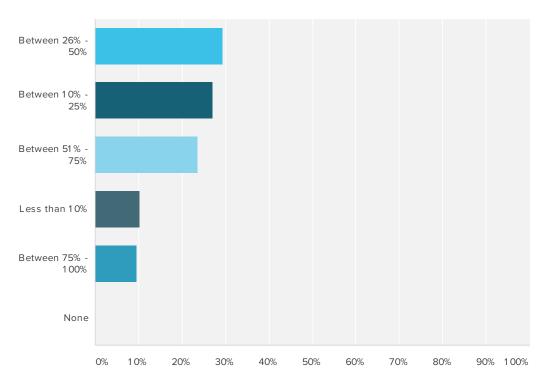
Answer Choices	Responses	
Android	41.67%	85
iPhone	57.35%	117
Blackberry	0.49%	1
None	0.49%	1
Total		204

#### Q87 What type of tablet do you use for business?



Answer Choices	Responses	
iPad	61.08%	124
Google Nexus	1.48%	3
Kindle Fire	0.49%	1
Samsung Galaxy	11.82%	24
Microsoft Surface	4.43%	9
None	20.69%	42
Total		203

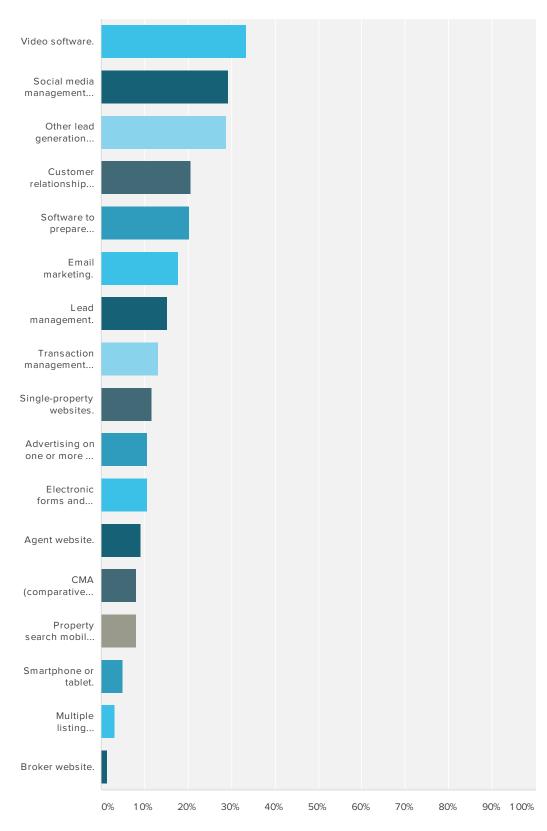
# Q88 What percentage of the time that you spend on a computer for your business is spent on a mobile device?



Answer Choices	Responses	
Between 26% - 50%	29.47%	61
Between 10% - 25%	27.05%	56
Between 51 % - 75%	23.67%	49
Less than 10%	10.14%	21
Between 75% - 100%	9.66%	20
None	0.00%	0
Total		207

#### Q89 What technologies would you like to begin to adopt this year?

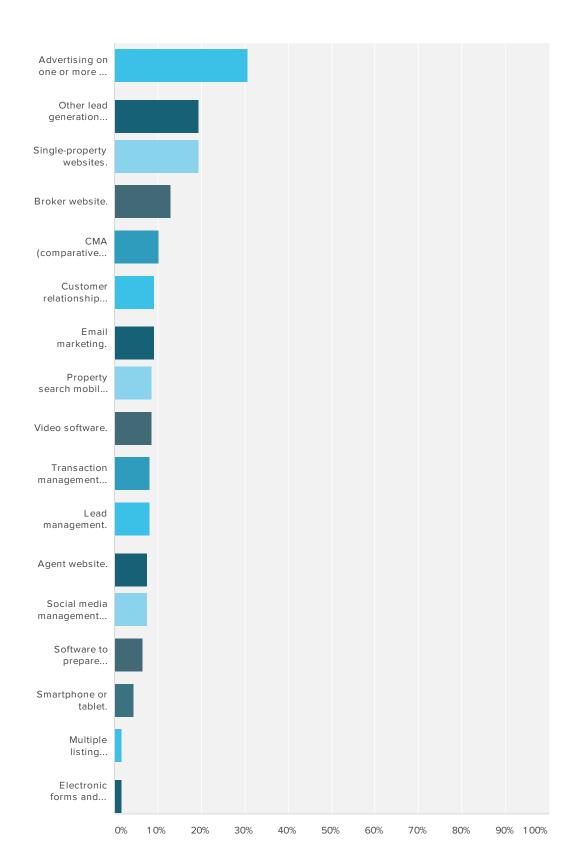
Answered: 198 Skipped: 100



nswer Choices	Responses	
Video software.	33.33%	66
Social media management tools.	29.29%	58
Other lead generation tool.	28.79%	57
Customer relationship management platform.	20.71%	41
Software to prepare marketing materials.	20.20%	40
Email marketing.	17.68%	35
Lead management.	15.15%	30
Transaction management platform.	13.13%	26
Single-property websites.	11.62%	23
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	1 0.61 %	21
Electronic forms and signatures.	1 0.61 %	21
Agent website.	9.09%	18
CMA (comparative market analysis) tool.	8.08%	16
Property search mobile app.	8.08%	16
Smartphone or tablet.	5.05%	10
Multiple listing service.	3.03%	6
Broker website.	1.52%	3
tal Respondents: 198		

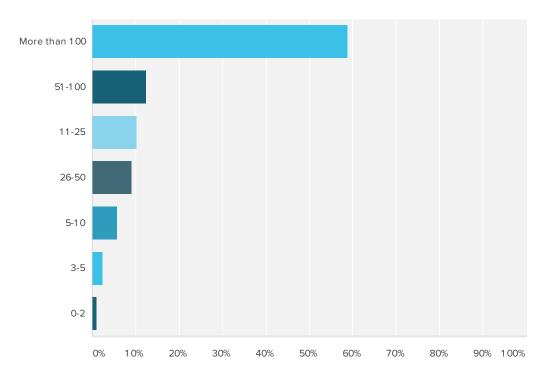
### Q90 Which of these tools have you tried but found they were not useful for your business?

Answered: 186 Skipped: 112



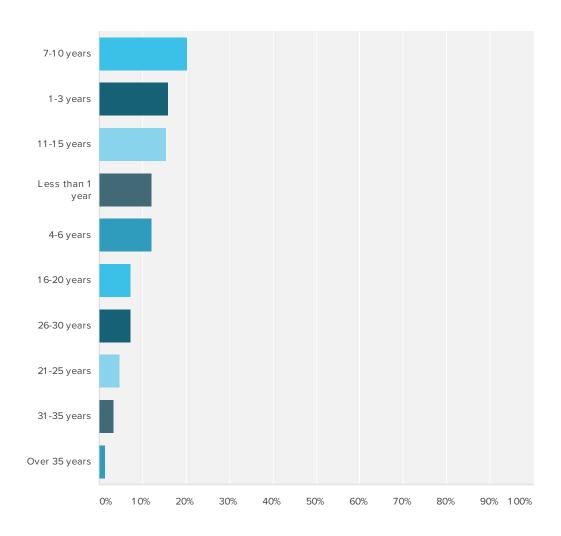
swer Choices	Responses	
Advertising on one or more of the big portals (Zillow, Trulia, realtor.com).	30.65%	
Other lead generation tool.	19.35%	
Single-property websites.	19.35%	
Broker website.	12.90%	
CMA (comparative market analysis) tool.	10.22%	
Customer relationship management platform.	9.14%	
Email marketing.	9.14%	
Property search mobile app.	8.60%	
Video software.	8.60%	
Transaction management platform.	8.06%	
Lead management.	8.06%	
Agent website.	7.53%	
Social media management tools.	7.53%	
S oftware to prepare marketing materials.	6.45%	
Smartphone or tablet.	4.30%	
Multiple listing service.	1.61%	
Electronic forms and signatures.	1.61%	
al Respondents: 186		

### Q91 How many agents are in your brokerage?



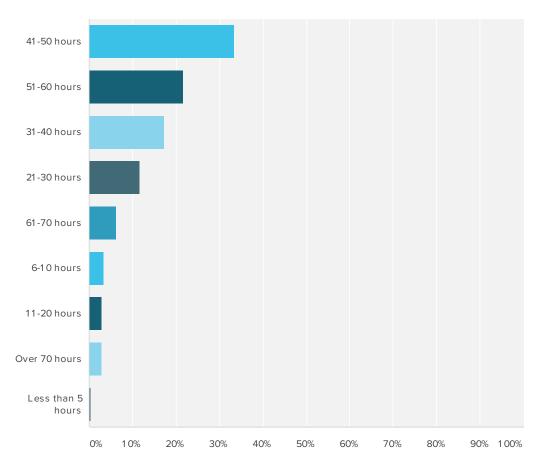
Answer Choices	Responses	
More than 100	58.94%	122
51-100	12.56%	26
11-25	10.14%	21
26-50	9.18%	19
5-10	5.80%	12
3-5	2.42%	5
0-2	0.97%	2
otal		207

# Q92 Please state the number of years (round up or down to the nearest year) that you have worked in real estate:



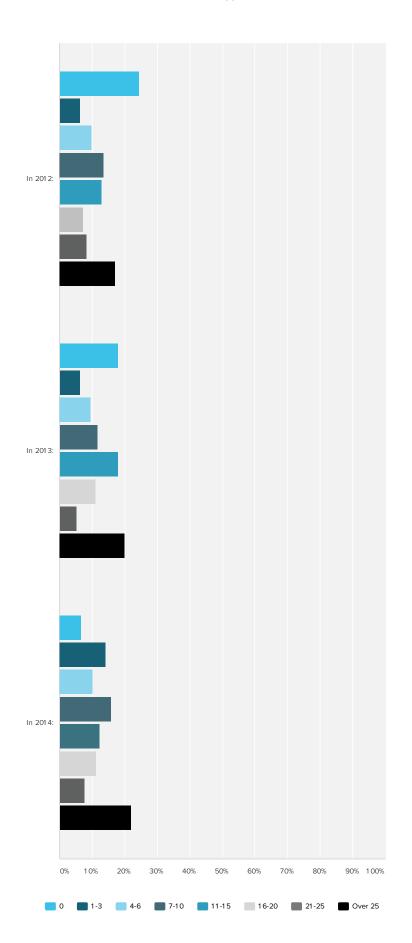
Answer Choices	Responses	
7-10 years	20.29%	42
1-3 years	15.94%	33
11-15 years	15.46%	32
Less than 1 year	12.08%	25
4-6 years	12.08%	25
16-20 years	7.25%	15
26-30 years	7.25%	15
21-25 years	4.83%	10
31-35 years	3.38%	7
Over 35 years	1.45%	3
Total		207

#### Q93 On average, how many hours do you work per week in real estate?



Answer Choices	Responses	
41-50 hours	33.33%	69
51-60 hours	21.74%	45
31-40 hours	17.39%	36
21-30 hours	11.59%	24
61-70 hours	6.28%	13
6-1 0 hours	3.38%	7
11-20 hours	2.90%	6
Over 70 hours	2.90%	6
Less than 5 hours	0.48%	1
Total		207

### Q96 How many transaction sides did you (personally) close:



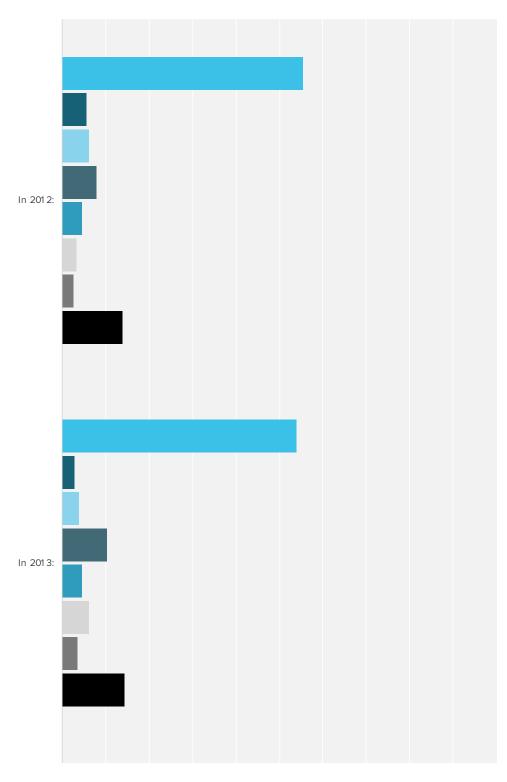
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	1 00%

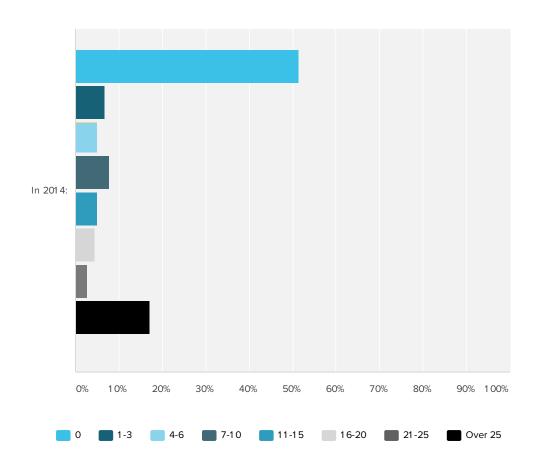
0 1-3 4-6 7-10 11-15 16-20 21-25 Over 25

	0	1-3	4-6	7-10	11-15	16-20	21 - 25	Over 25	Total
In 2012:	24.48% 47	6.25% 12	9.90% 19	13.54% 26	13.02% 25	7.29% 14	8.33% 16	17.19% 33	192
In 2013:	17.99% 34	6.35% 12	9.52% 18	11.64% 22	17.99% 34	11.11% 21	5.29% 10	20.11% 38	189
In 2014:	6.63% 13	14.29% 28	10.20%	15.82% 31	12.24% 24	11. <b>22</b> % 22	7.65% 15	21.94% 43	196

#### Q97 How many transaction sides did you supervise that closed:

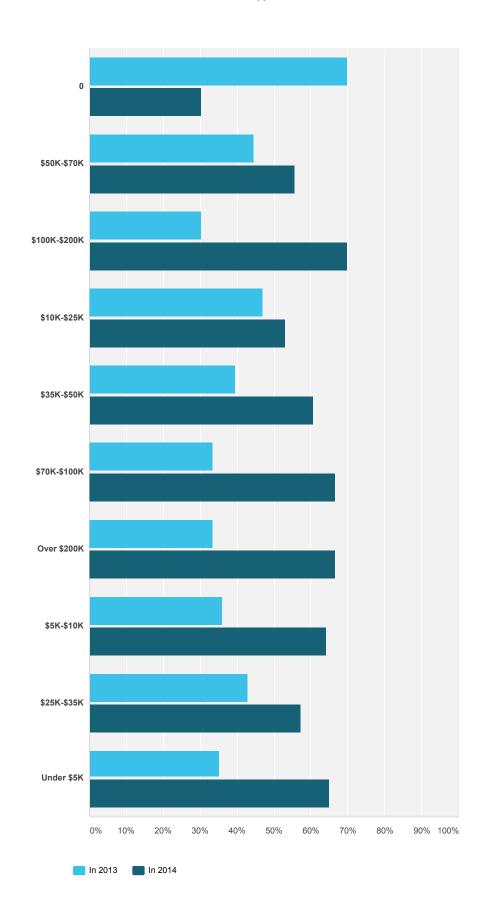
Answered: 189 Skipped: 109





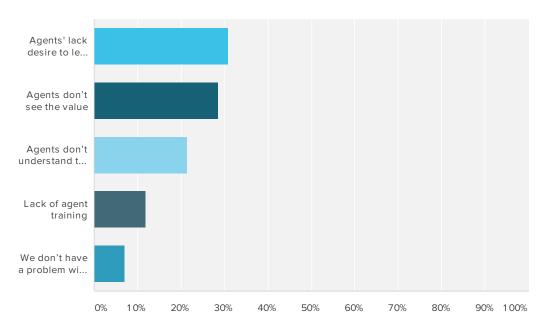
	0	1-3	4-6	7-10	11-15	16-20	21-25	Over 25	Total
In 201 2:	<b>55.62</b> %	5.62% 10	6.1 8% 11	7.87% 14	<b>4.49</b> % 8	3.37% 6	<b>2.81</b> % 5	14.04% 25	178
In 2013:	<b>54.02%</b> 94	2.87% 5	4.02% 7	1 0.34% 1 8	4.60% 8	6.32% 11	3.45% 6	14.37% 25	174
In 201 4:	<b>51.38</b> % 93	6.63% 12	<b>4.97</b> % 9	7.73% 14	<b>4.97</b> % 9	<b>4.42</b> %	<b>2.76</b> % 5	17.13% 31	181

### Q98 Your individual gross income from real estate work (before taxes):



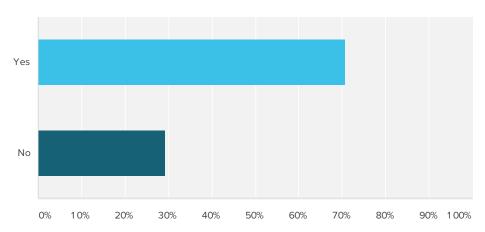
	In 2013	In 2014	Total
0	69.70%	30.30%	
	23	10	33
\$50K-\$70K	44.44%	55.56%	
	16	20	36
\$100K-\$200K	30.19%	69.81%	
	16	37	53
\$10K-\$25K	46.88%	53.13%	
	15	17	33
\$35K-\$50K	39.47%	60.53%	
	15	23	3
\$70K-\$100K	33.33%	66.67%	
	14	28	4
Over \$200K	33.33%	66.67%	
	11	22	3
\$5K-\$10K	36.00%	64.00%	
	9	16	2
\$25K-\$35K	42.86%	57.14%	
	9	12	2
Under \$5K	35.00%	65.00%	
	7	13	2

#### Q1 02 What is your biggest challenge with agent tech adoption?



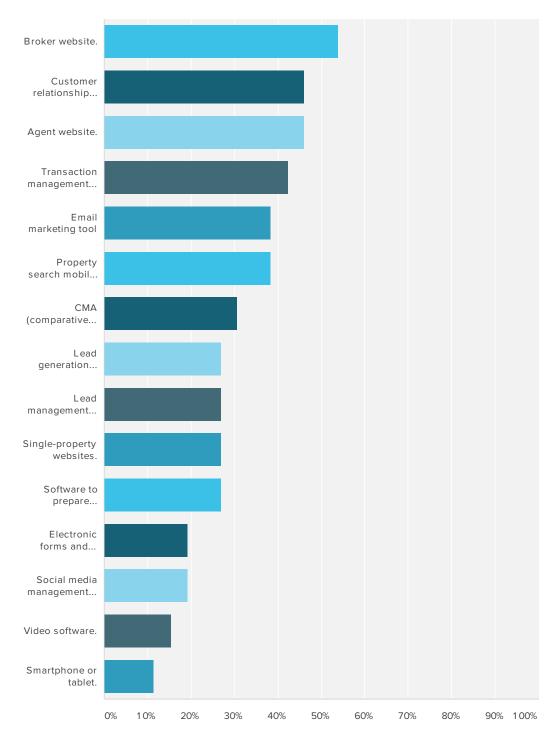
Answer Choices	Responses	
Agents' lack desire to learn new things	30.95%	13
Agents don't see the value	28.57%	12
Agents don't understand the technology	21.43%	9
Lack of agent training	11.90%	5
We don't have a problem with agent tech adoption.	7.14%	3
otal		42

#### Q1 03 Do you or have you built any of your own tech tools?



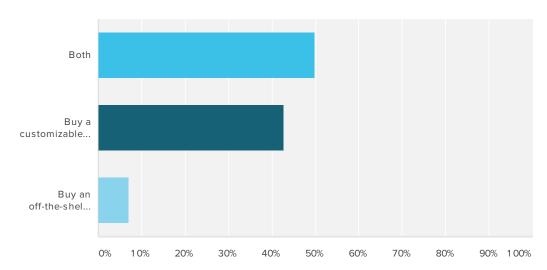
Answer Choices	Responses	
Yes	70.73%	29
No	29.27%	12
Total		41

### Q1 04 If yes, which ones? (Choose all that apply.)



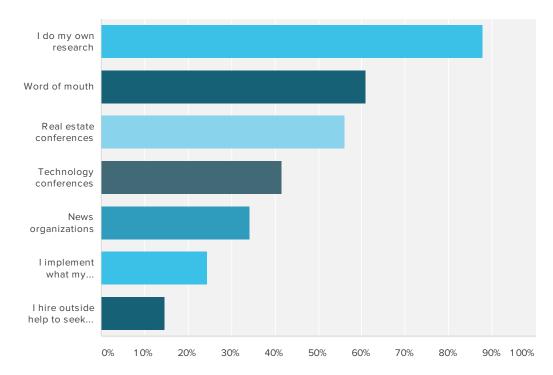
swer Choices	Responses	
Broker website.	53.85%	
Customer relationship management platform.	46.15%	
Agent website.	46.15%	
Transaction management platform.	42.31%	
Email marketing tool	38.46%	
Property search mobile app.	38.46%	
CMA (comparative market analysis) tool.	30.77%	
Lead generation tool.	26.92%	
Lead management tool.	26.92%	
Single-property websites.	26.92%	
Software to prepare marketing materials.	26.92%	
Electronic forms and signatures.	19.23%	
Social media management tools.	19.23%	
Video software.	15.38%	
Smartphone or tablet.	11.54%	
al Respondents: 26		

### Q1 05 If you have not built any of your own tech tools, do you tend to:



Answer Choices	Responses	
Both	50.00%	14
Buy a customizable one from a third party.	42.86%	12
Buy an off-the-shelf generic version.	7.1 4%	2
Total		28

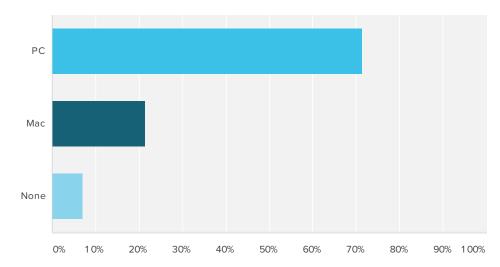
# Q1 06 How do you seek out and decide upon technologies to implement? (Choose all that apply.)



Responses	
87.80%	36
60.98%	25
56.10%	23
41 .46%	17
34.15%	14
24.39%	10
14.63%	(
	87.80% 60.98% 56.10% 41.46% 34.15% 24.39%

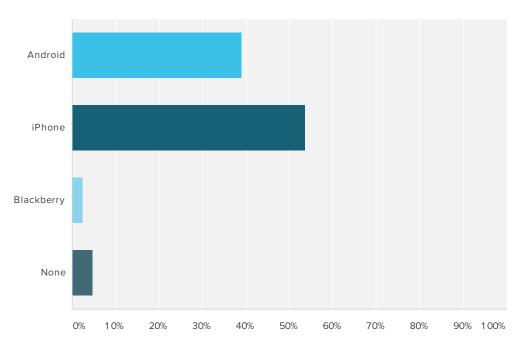
#### Q1 07 What type of laptop do you use for business?

Answered: 42 Skipped: 256



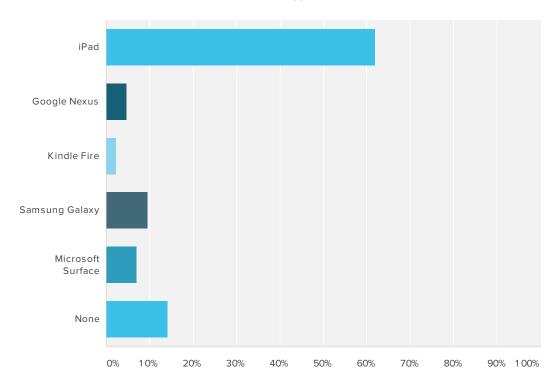
Answer Choices	Responses	
PC	71.43%	30
Mac	21.43%	9
None	7.14%	3
Total		42

#### Q1 08 What type of smartphone do you use for business?



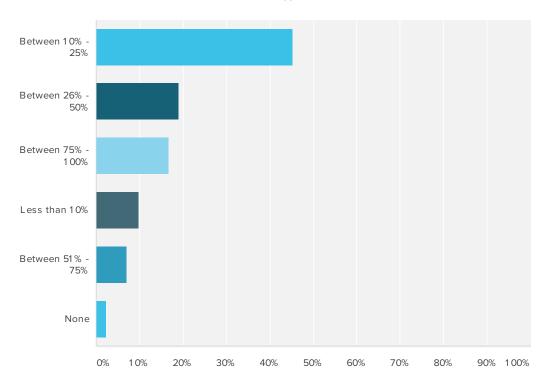
Answer Choices	Responses	
Android	39.02%	16
iPhone	53.66%	22
Blackberry	2.44%	1
None	4.88%	2
Total		41

### Q1 09 What type of tablet do you use for business?



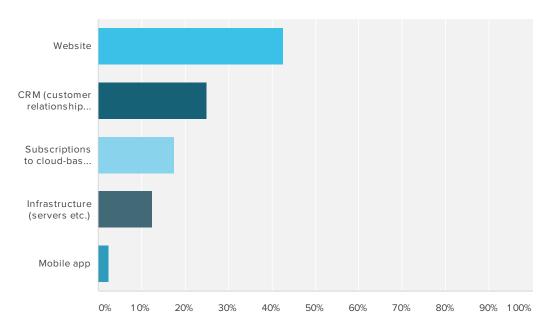
Answer Choices	Responses	
iPad	61.90%	26
Google Nexus	4.76%	2
Kindle Fire	2.38%	1
Samsung Galaxy	9.52%	4
Microsoft Surface	7.14%	3
None	14.29%	6
Total		42

# Q110 What percentage of the time that you spend on a computer for your business is spent on a mobile device?



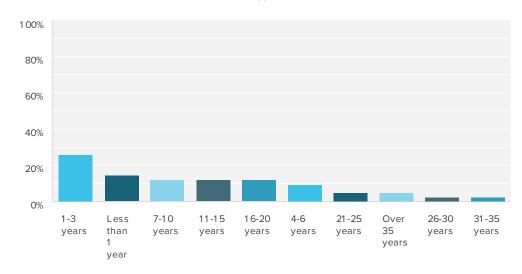
Answer Choices	Responses	
Between 10% - 25%	45.24%	19
Between 26% - 50%	19.05%	8
Between 75% - 100%	16.67%	7
Less than 10%	9.52%	4
Between 51 % - 75%	7.14%	3
None	2.38%	1
Total		42

### Q113 What is your biggest technology investment for your business?



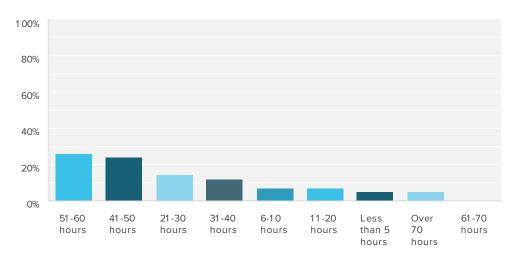
Answer Choices	Responses	
Website	42.50%	17
CRM (customer relationship management) tool	25.00%	10
Subscriptions to cloud-based services	17.50%	7
Infrastructure (servers etc.)	12.50%	5
Mobile app	2.50%	1
Total		40

# Q117 Please state the number of years (round up or down to the nearest year) that you have worked in real estate:



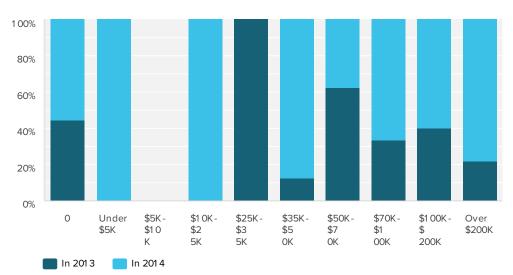
Answer Choices	Responses	
1-3 years	26.19%	11
Less than 1 year	14.29%	6
7-10 years	11.90%	5
11-15 years	11.90%	5
16-20 years	11.90%	5
4-6 years	9.52%	4
21 -25 years	4.76%	2
Over 35 years	4.76%	2
26-30 years	2.38%	1
31 -35 years	2.38%	1
Total		42

#### Q118 On average, how many hours do you work per week in real estate?



Answer Choices	Responses	
51-60 hours	26.19%	11
41 -50 hours	23.81%	10
21-30 hours	14.29%	6
31-40 hours	11.90%	5
6-10 hours	7.14%	3
11-20 hours	7.14%	3
Less than 5 hours	4.76%	2
Over 70 hours	4.76%	2
61-70 hours	0.00%	0
Total		42

### Q121 Your individual gross income from real estate work (before taxes):



	In 2013	In 2014	Total
0	44.44%	55.56%	
	4	5	9
Under \$5K	0.00%	1 00.00%	
	0	2	2
\$5K-\$1 OK	0.00%	0.00%	
	0	0	0
\$1 OK-\$25K	0.00%	1 00.00%	
	0	4	4
\$25K-\$35K	100.00%	0.00%	
	2	0	2
\$35K-\$50K	12.50%	87.50%	
	1	7	8
\$50K-\$70K	62.50%	37.50%	
	5	3	8
\$70K-\$1 00K	33.33%	66.67%	
	3	6	9
\$1 00K-\$200K	40.00%	60.00%	
	2	3	5
Over \$200K	22.22%	77.78%	
	2	7	9

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