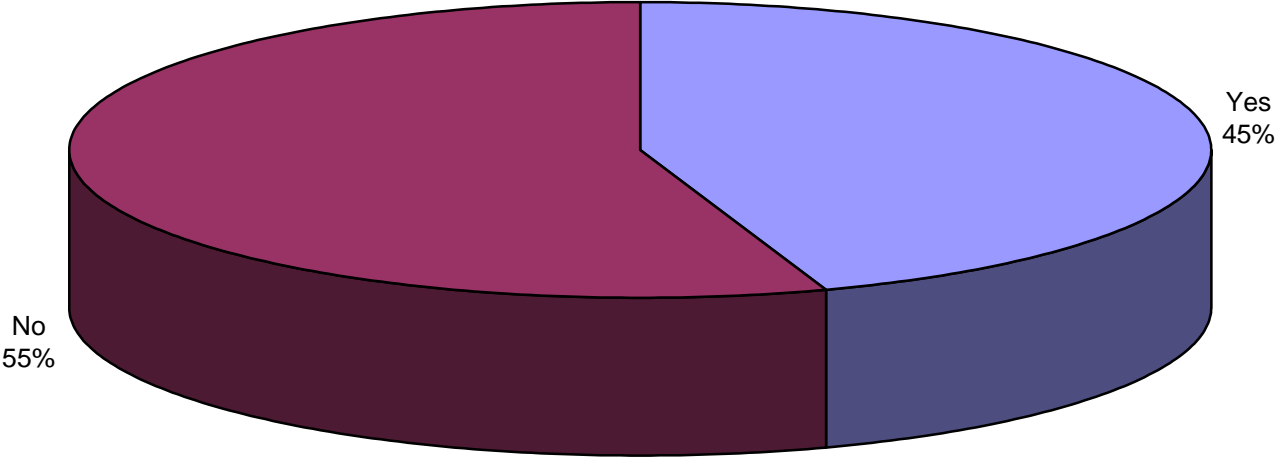


APPENDIX A.ii.

Business Histograms

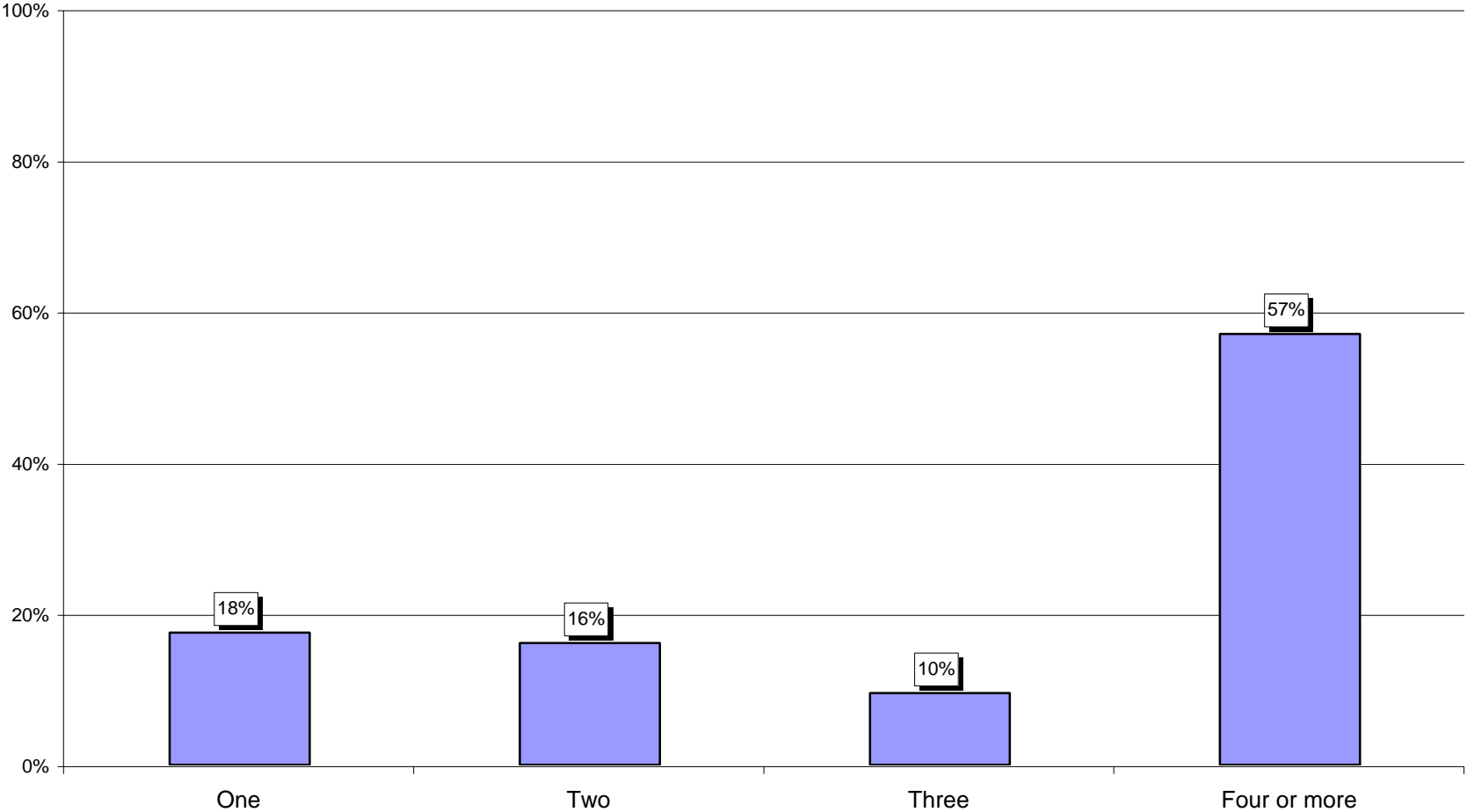
Downstate LinkMichigan Aggregate Data

Q1. Are there locations within your county with which you exchange data?



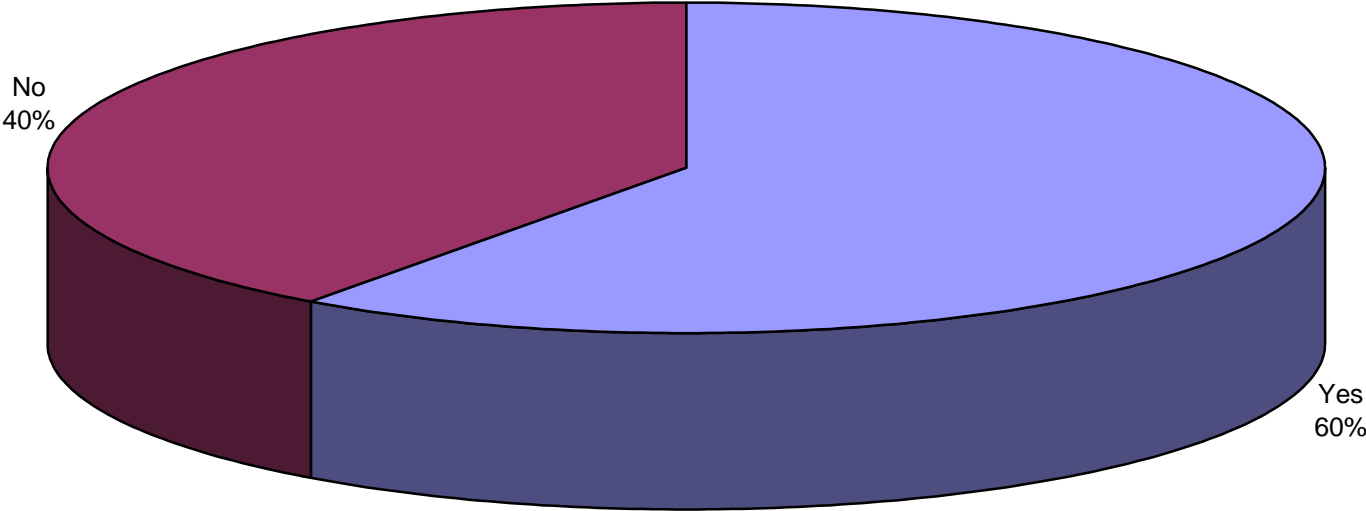
n=2399

Q2. With how many locations within your county do you exchange data?

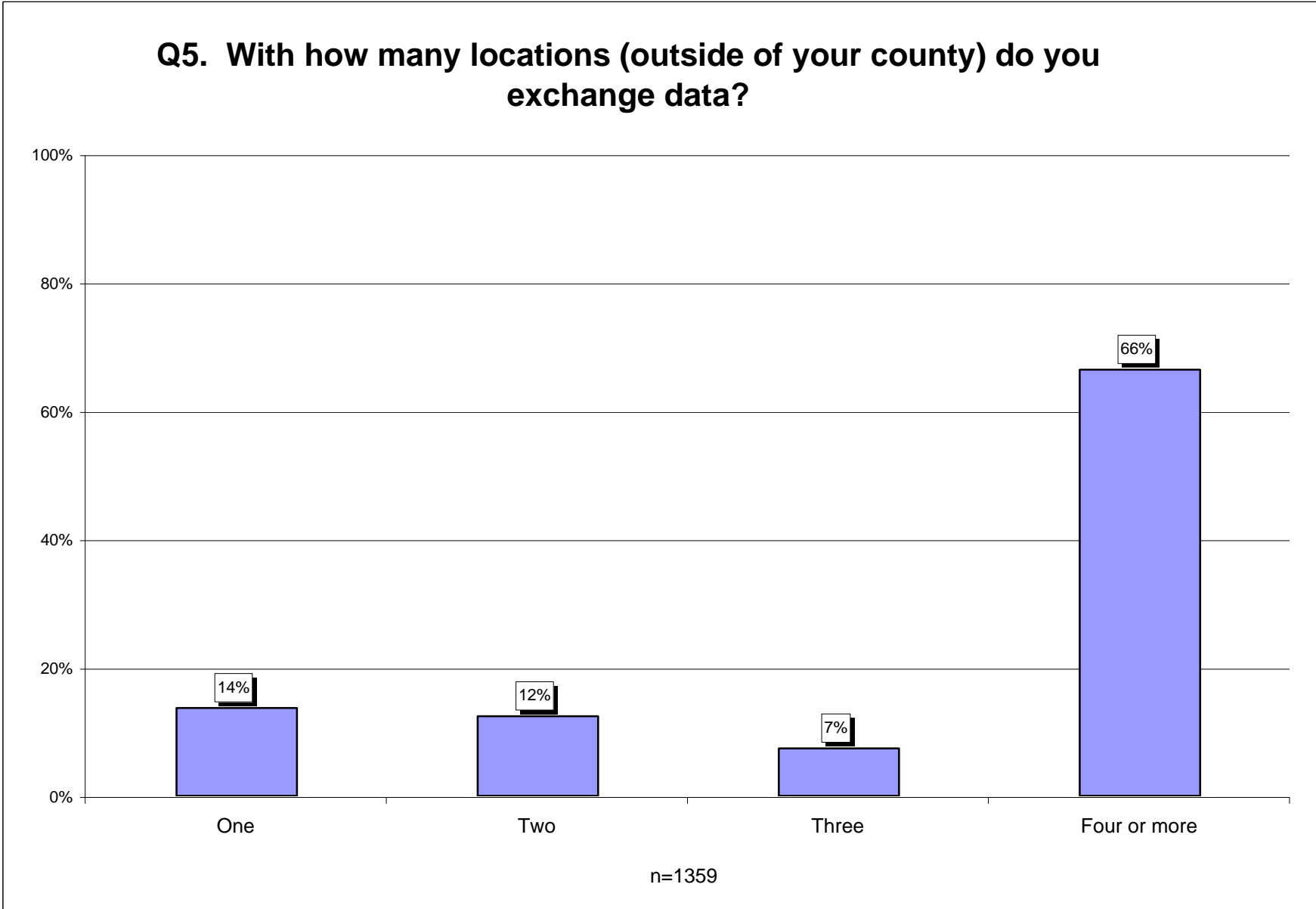


n=1014

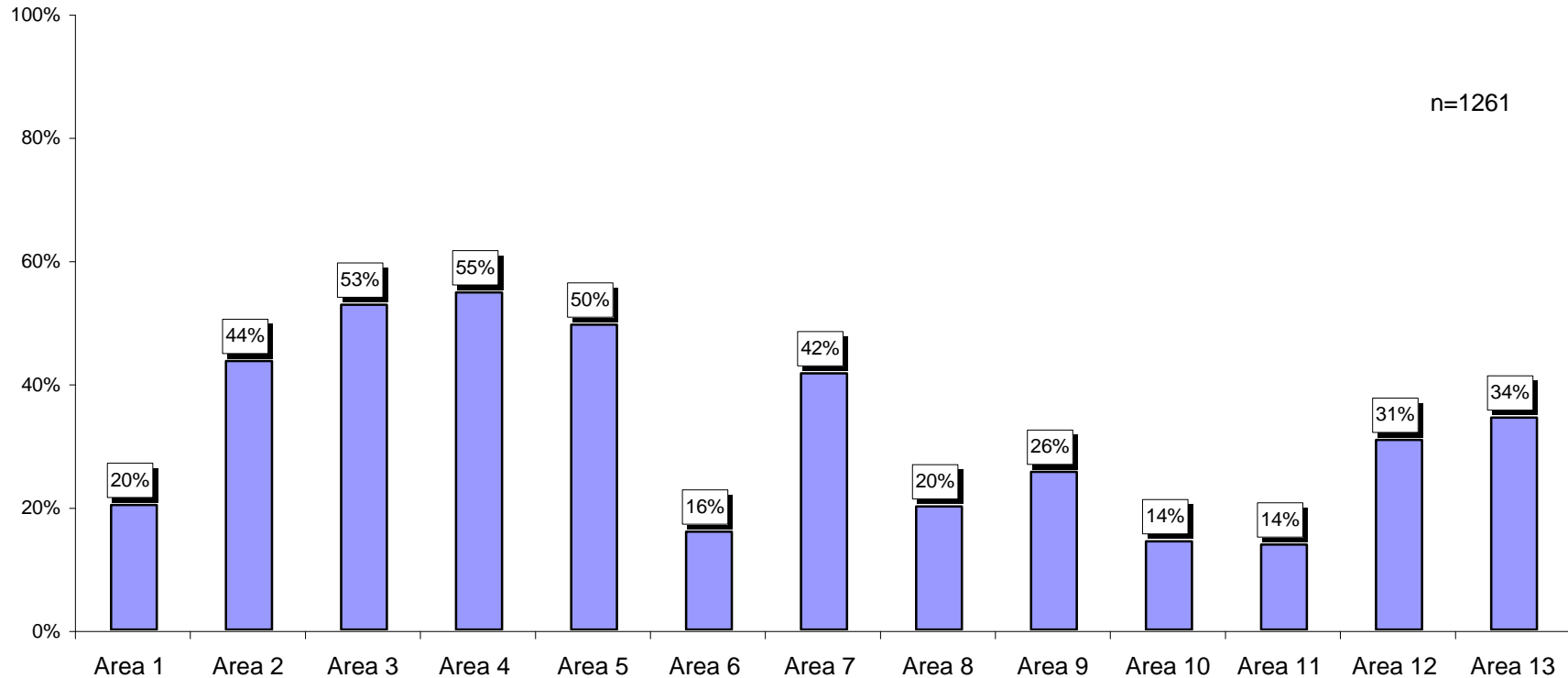
Q4. Are there locations (outside of your county) with which you exchange data?



n=2375

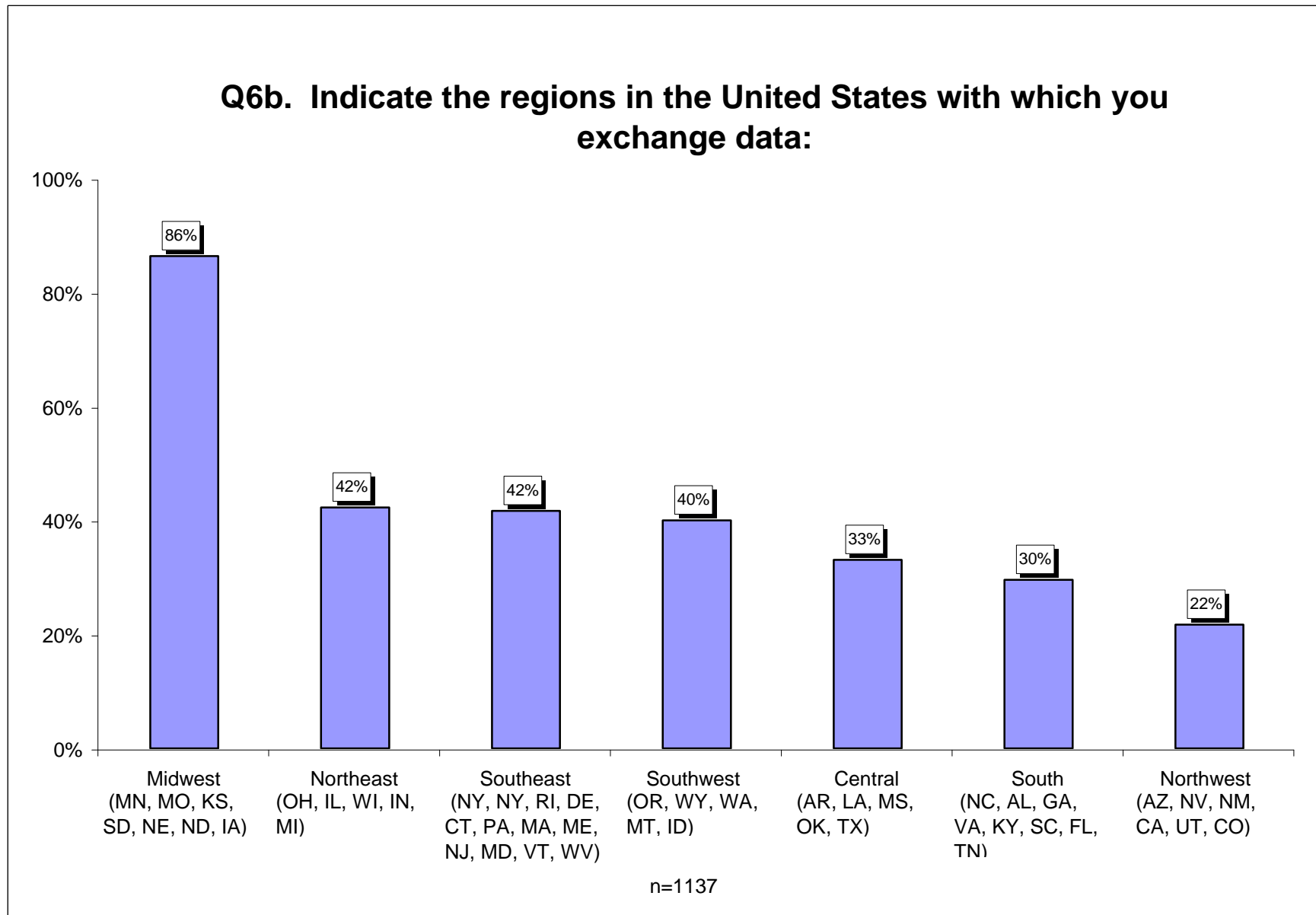


Q6a. Indicate the regions of Michigan with which you exchange data:

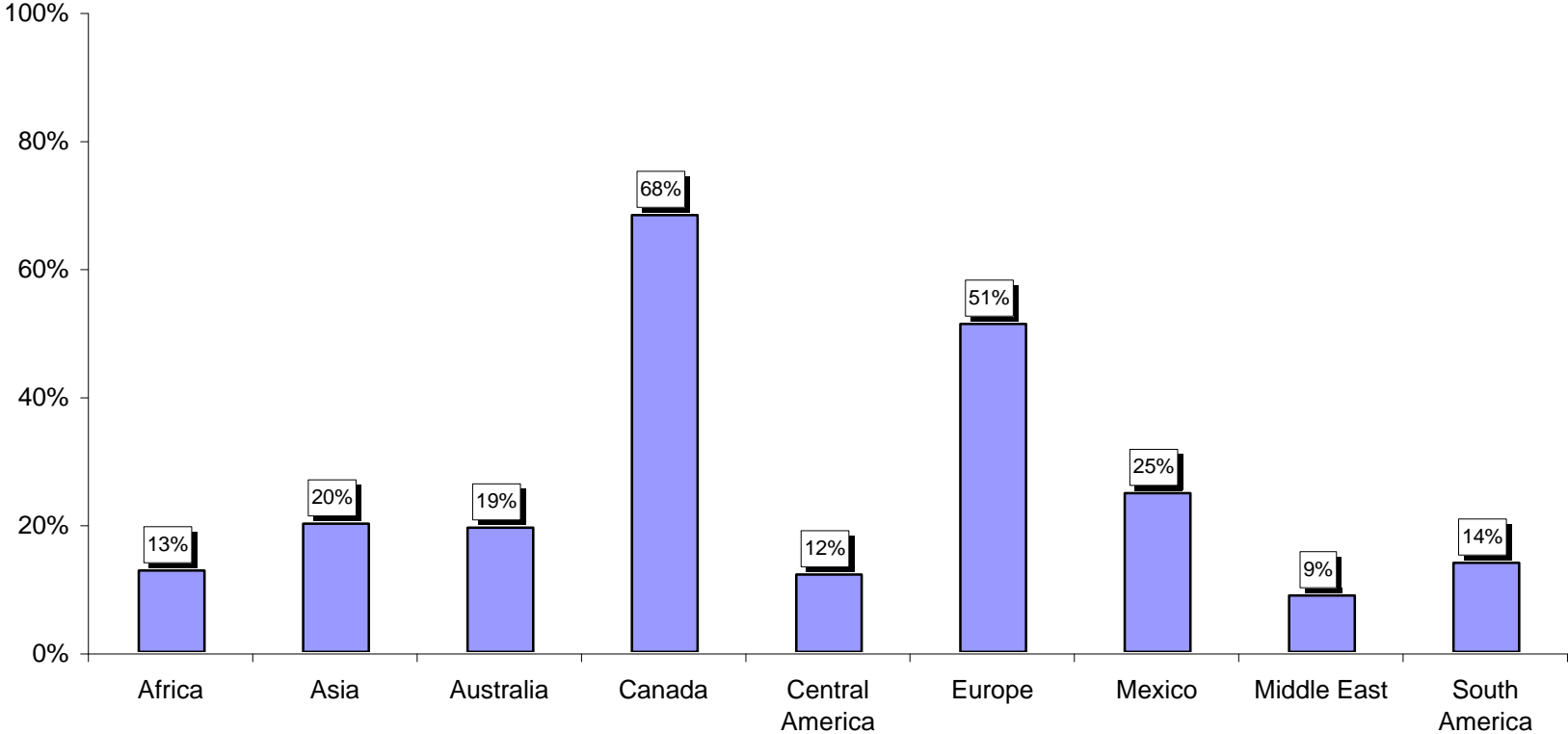


Area 1 (Berrien, Van Buren, Cass)
Area 2 (Allegan, Kalamazoo, St. Joseph)
Area 3 (Calhoun, Branch, Hillsdale, Jackson, Lenawee)
Area 4 (Kent, Ottawa, Muskegon, Ionia, Barry)
Area 5 (Genesee, Shiawassee, Macomb, Oakland, Livingston, Washtenaw, Wayne, Monroe)
Area 6 (Huron, Tuscola, Lapeer, Sanilac, St. Clair)
Area 7 (Clare, Osceola, Mecosta, Montcalm, Isabella, Gratiot, Clinton, Ingham, Eaton)

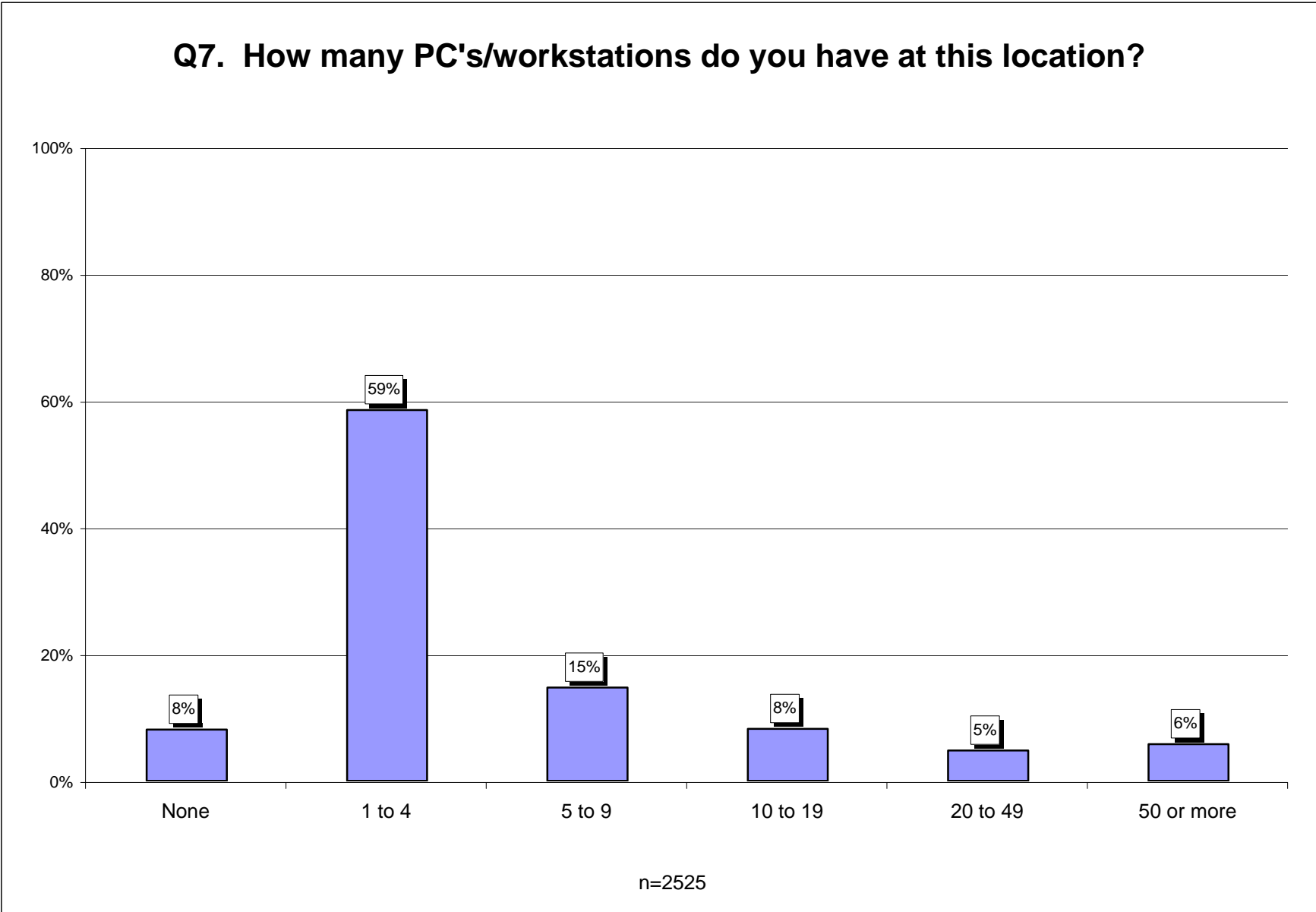
Area 8 (Bay, Gladwin, Midland, Arenac, Saginaw)
Area 9 (Grand Traverse, Leelanau, Manistee, Benzie, Mason, Oceana, Wexford, Lake, Newaygo)
Area 10 (Char., Emm., Cheb., Prs. Is., Mont., Ots., Ant., Kalk., Craw., Osc., Alp., Alc., Oge., Ros.)
Area 11 (Upper Peninsula of Michigan)
Area 12 (Gary/Chicago Area)
Area 13 (N. Indiana and N. Ohio Area)



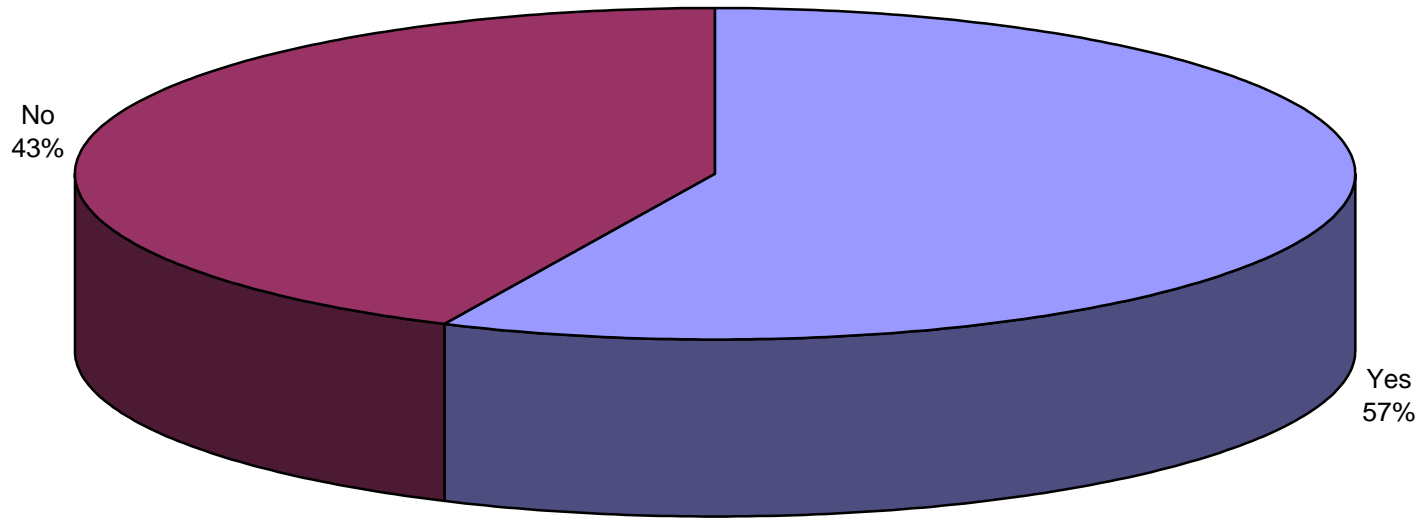
Q6c. Indicate the international regions with which you exchange data:



n=330

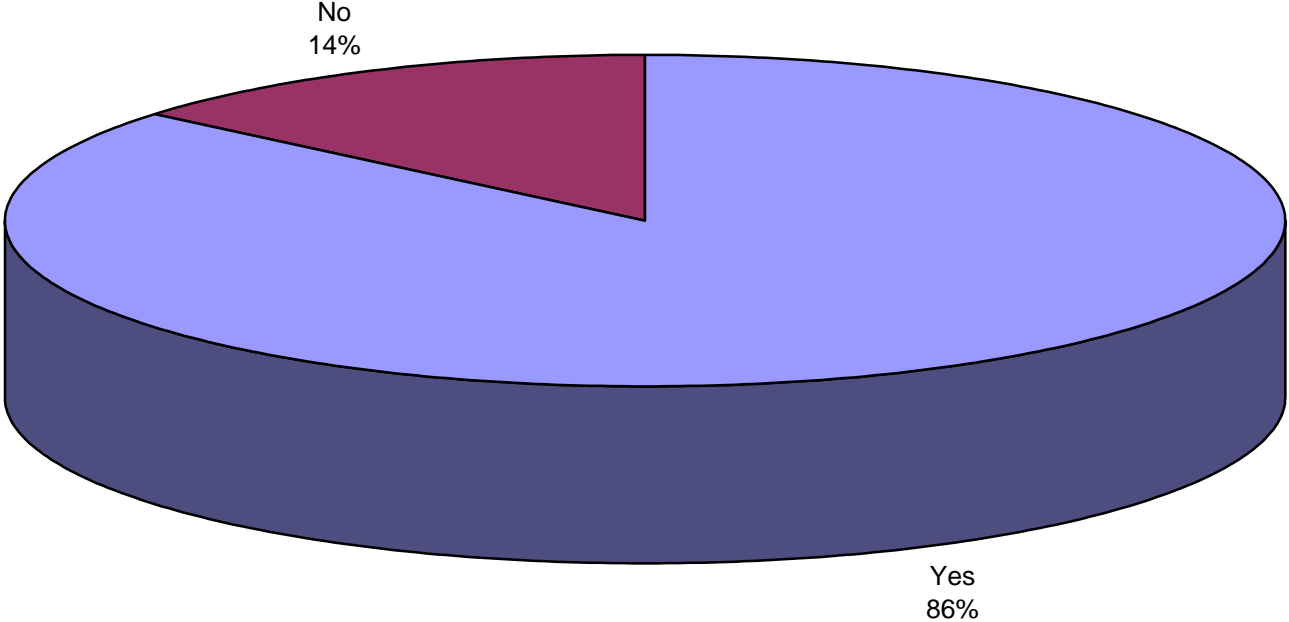


Q8. Are your computers connected with a Local Area Network (LAN)?



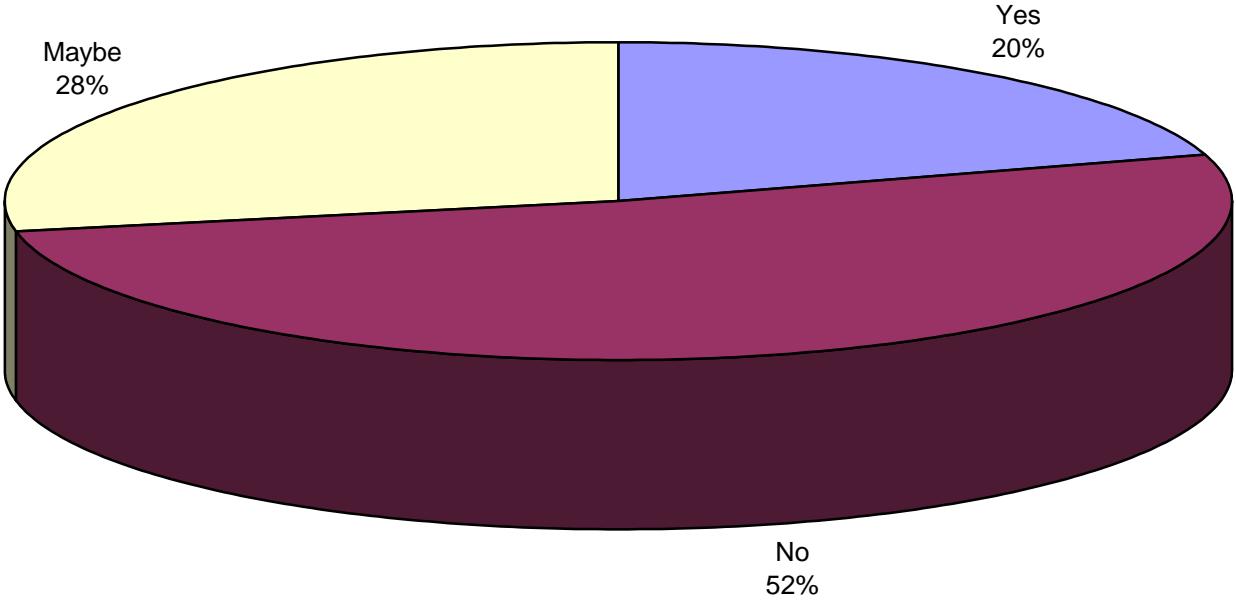
n=2401

Q9a. Do you have Internet access from this location?



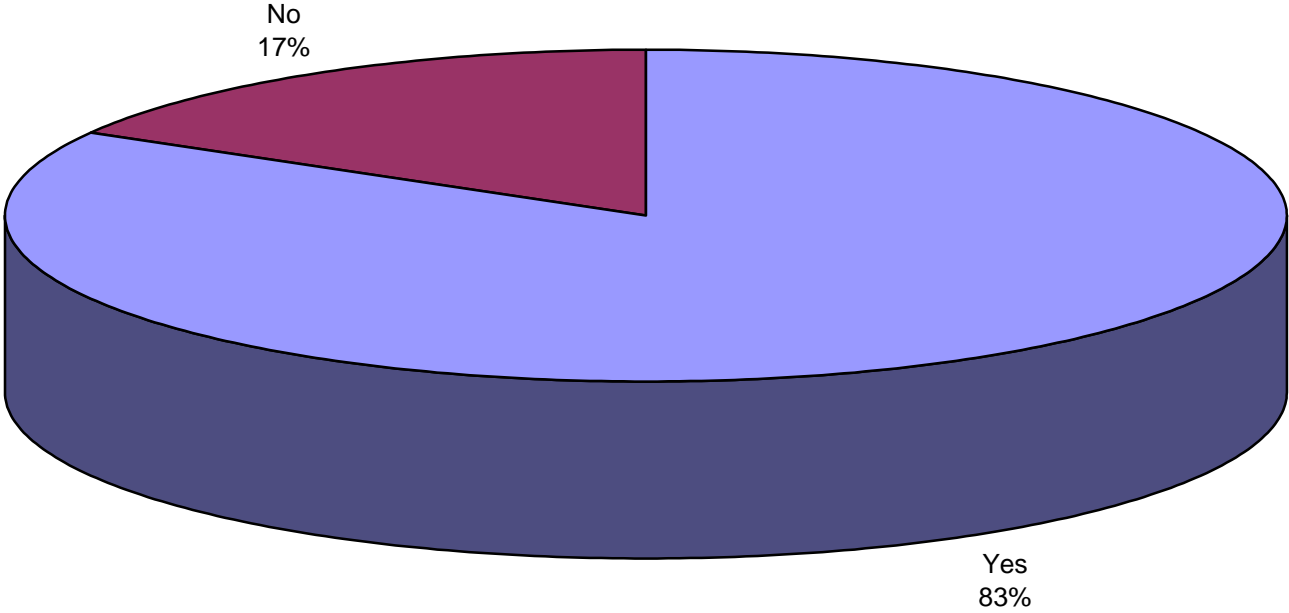
n=2479

Q9b. Do you plan to obtain Internet Access in the next year?



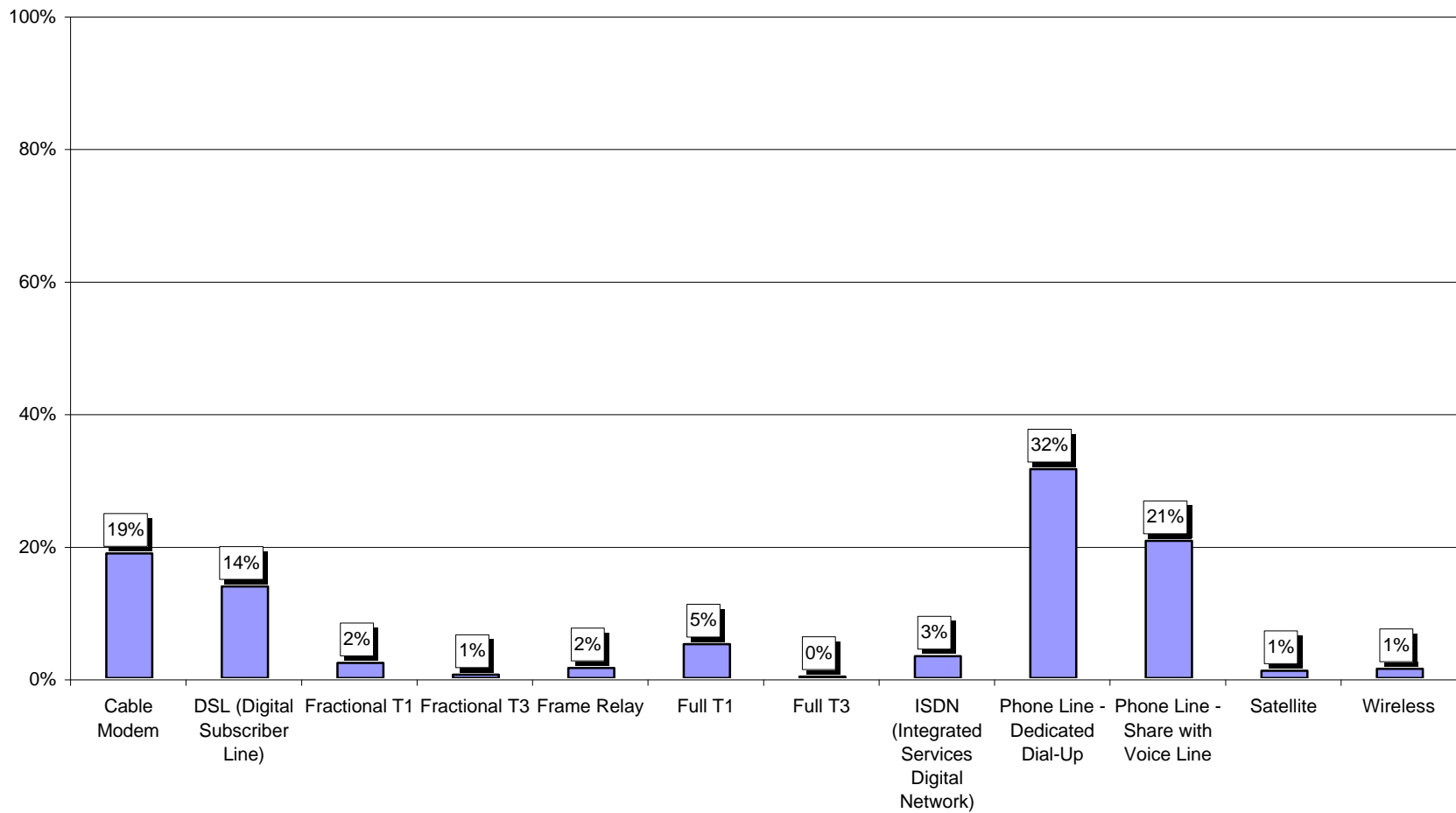
n=316

Q10. Do the majority of your computers have Internet access?

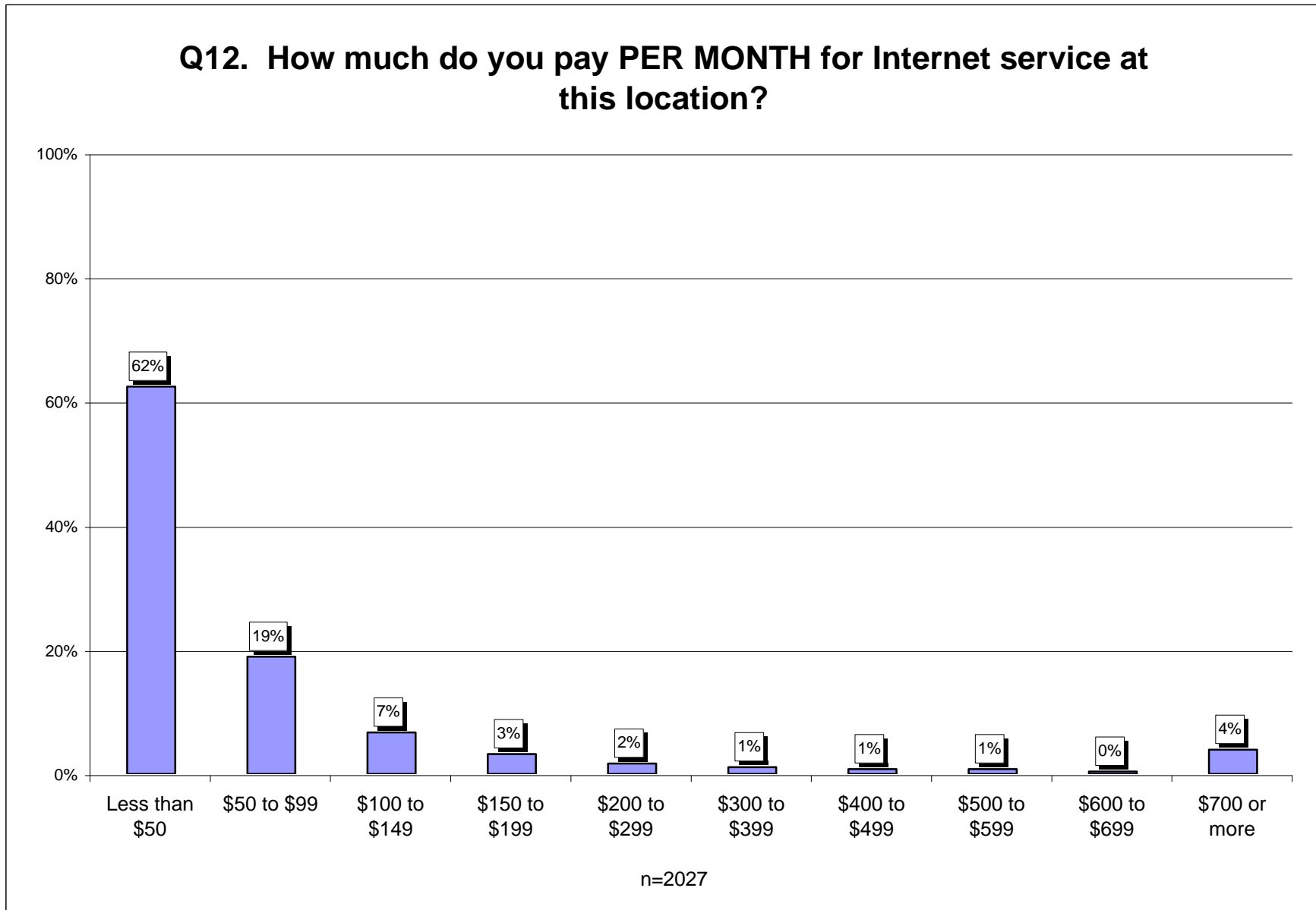


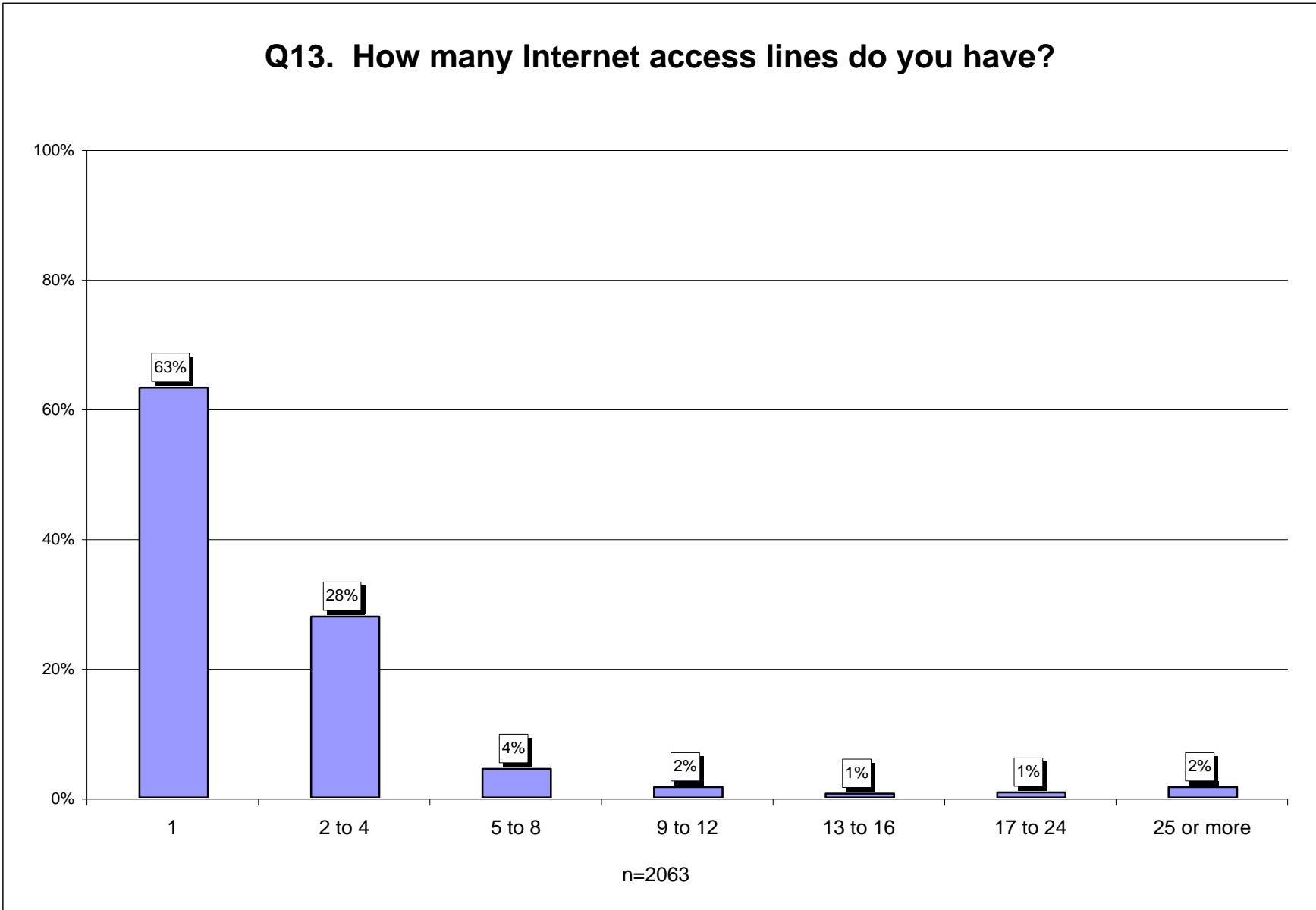
n=2112

Q11. How does your firm connect to the Internet

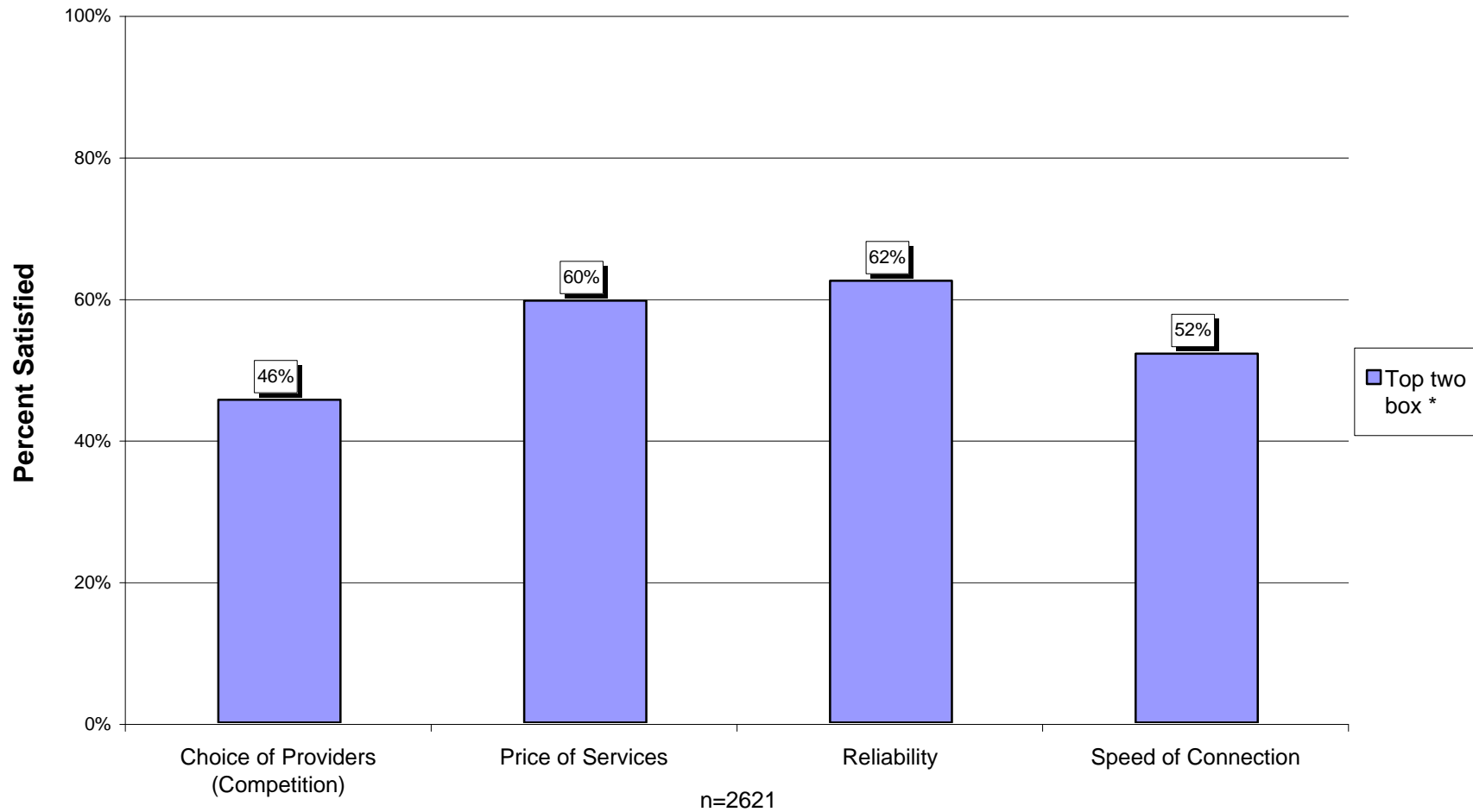


n=1900



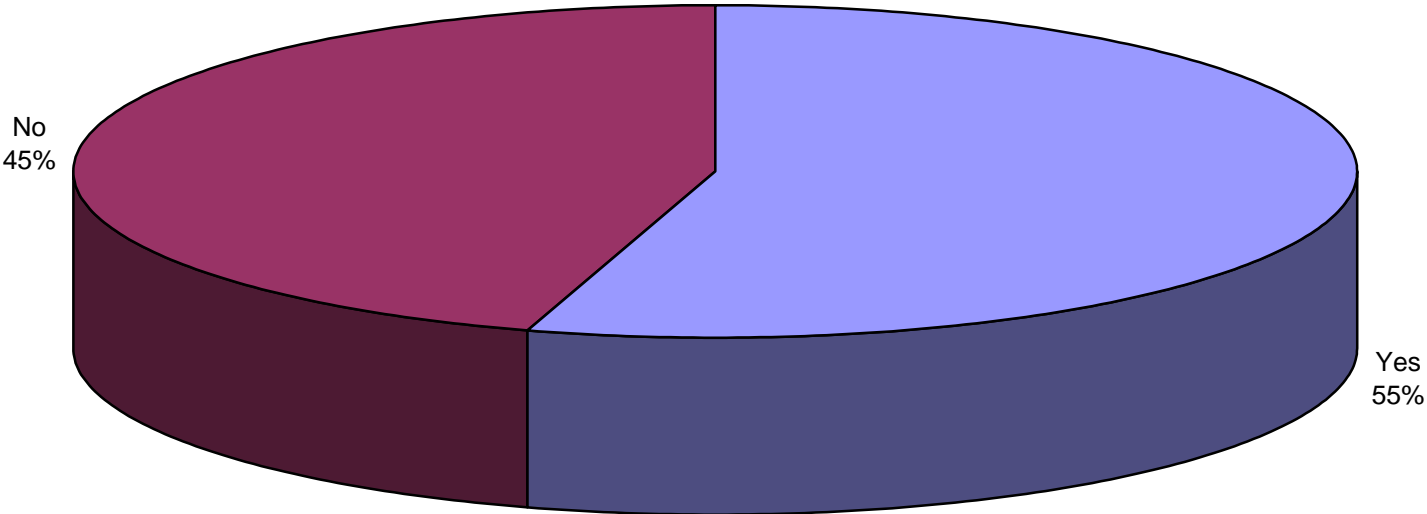


Q14. How satisfied are you with the following characteristics of your current Internet service?



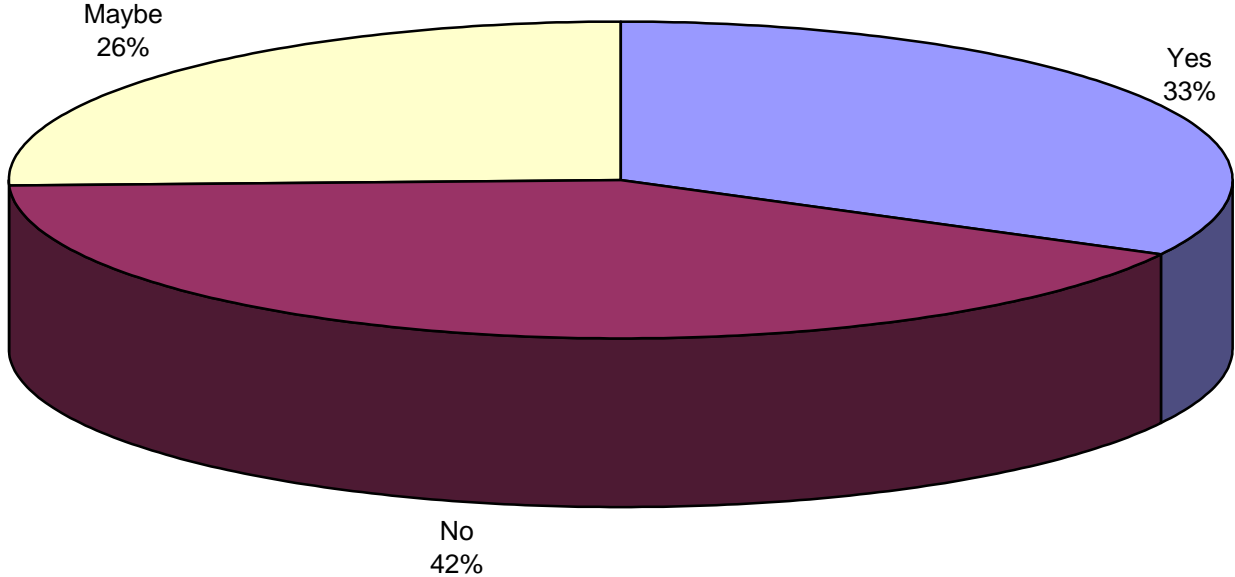
* Top two box = percent satisfied + percent somewhat satisfied

Q15. Do you have a company Web site?



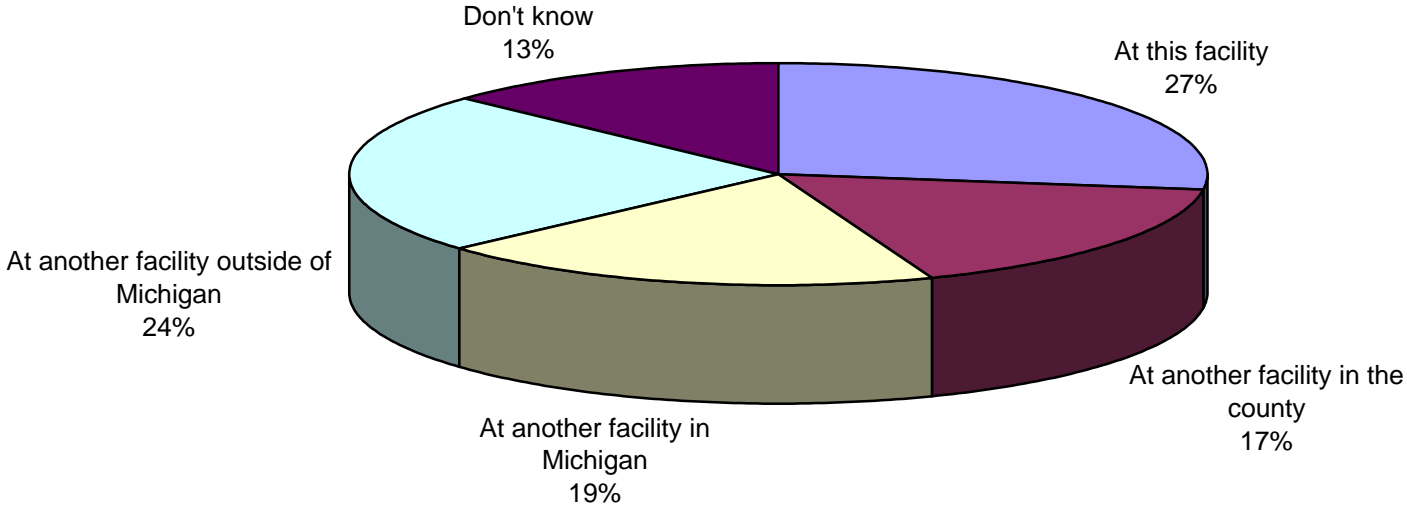
n=2118

Q16. If you don't currently have a company Web site, do you plan to have a company Web site in the future?



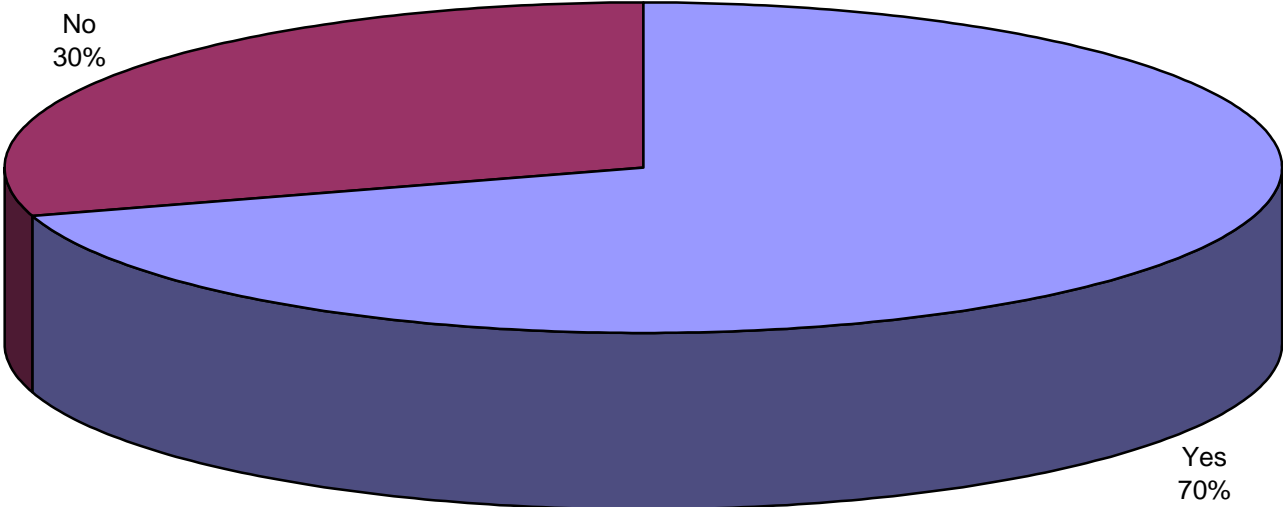
n=936

Q17. Indicate where your Web site is hosted or is planned to be hosted:



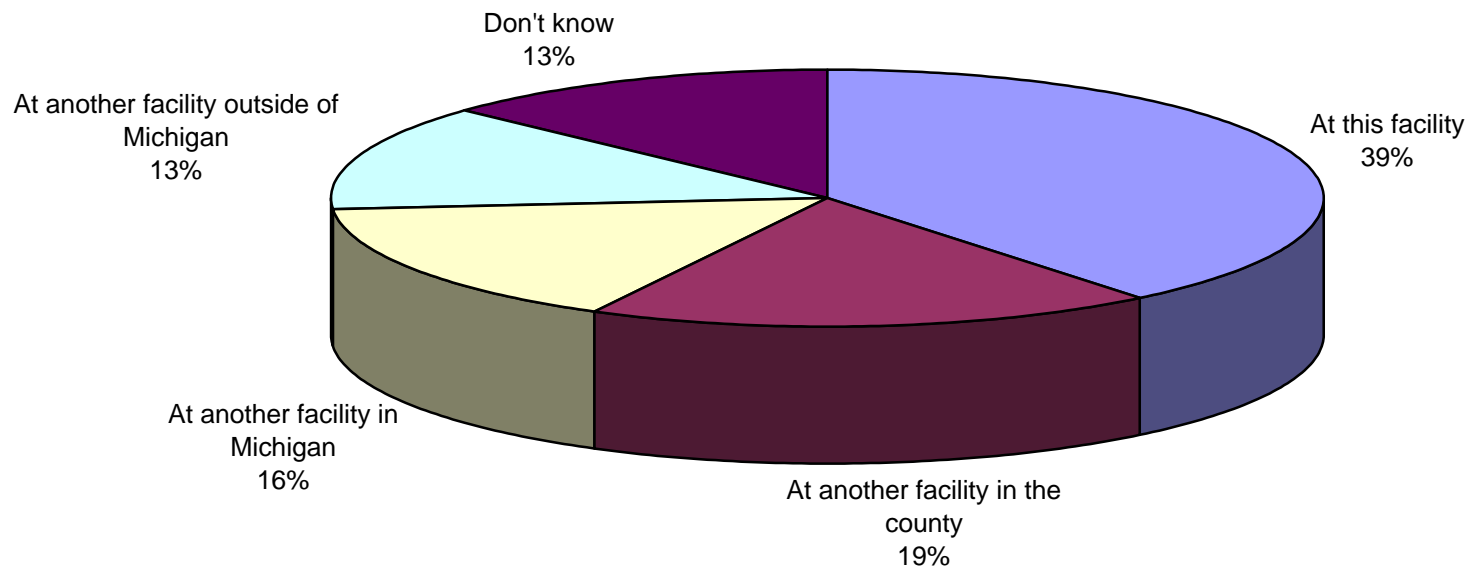
n=1419

Q18. Do you have an e-mail server?



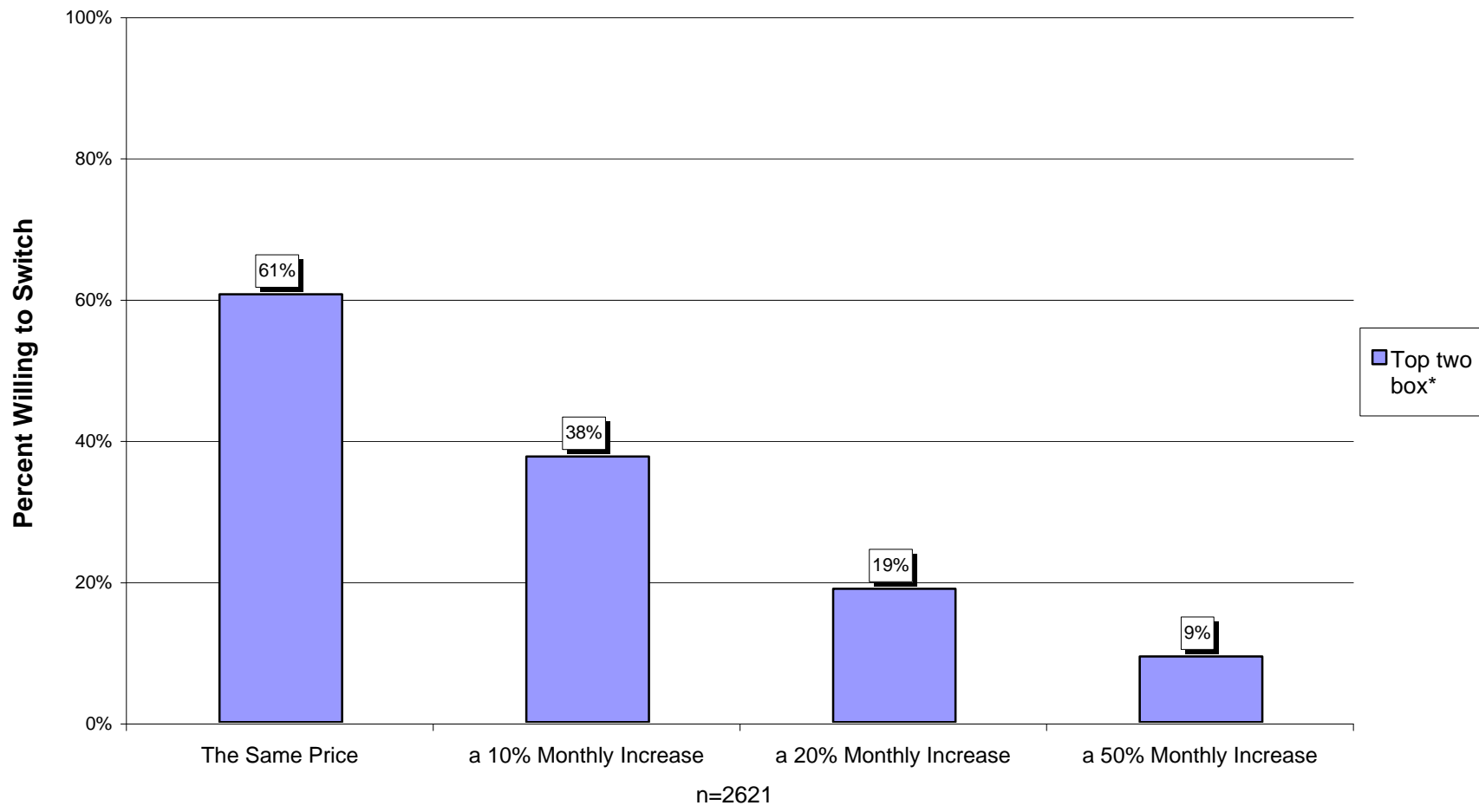
n=109

Q19. Indicate where your e-mail server is located:

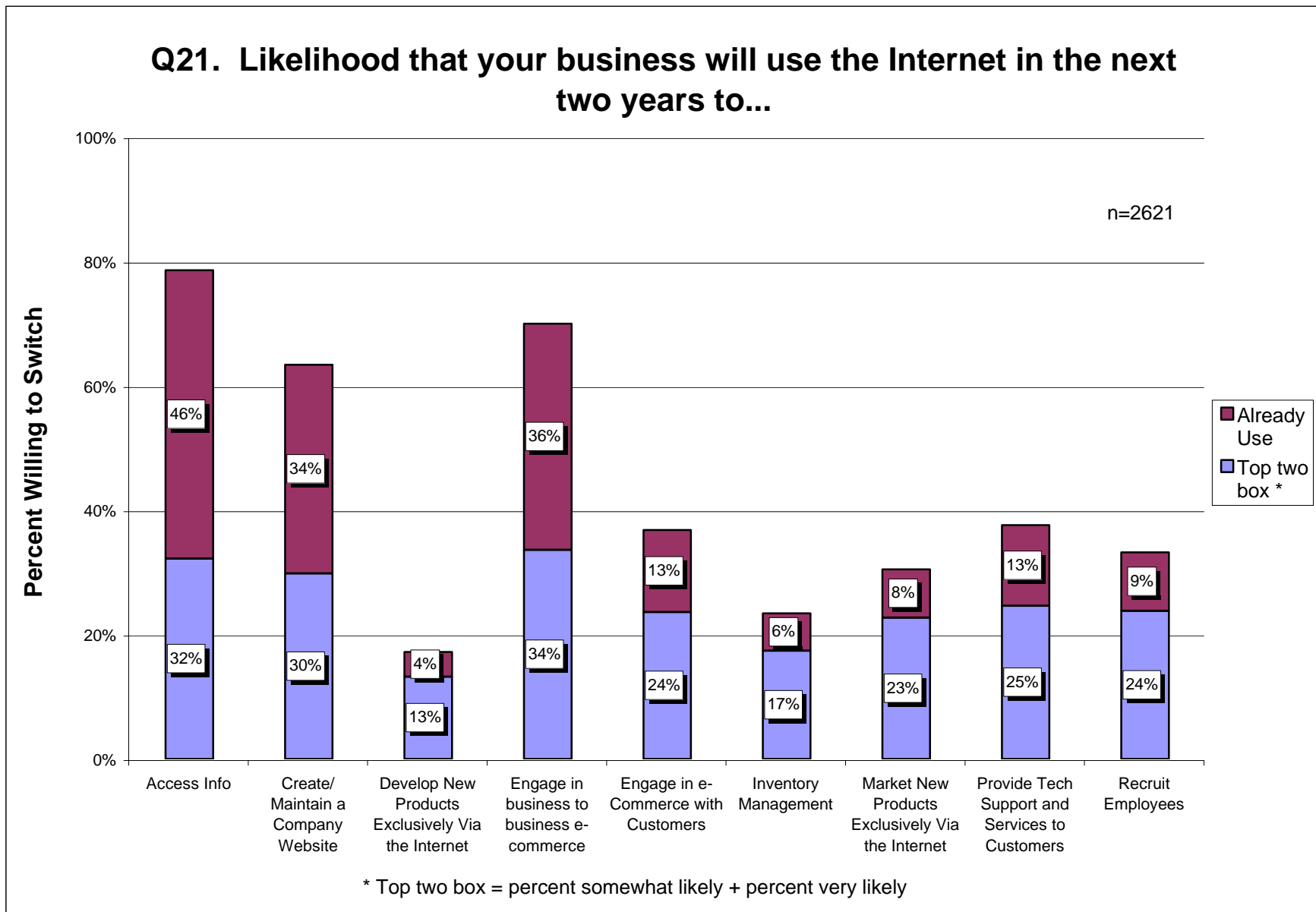


n=1325

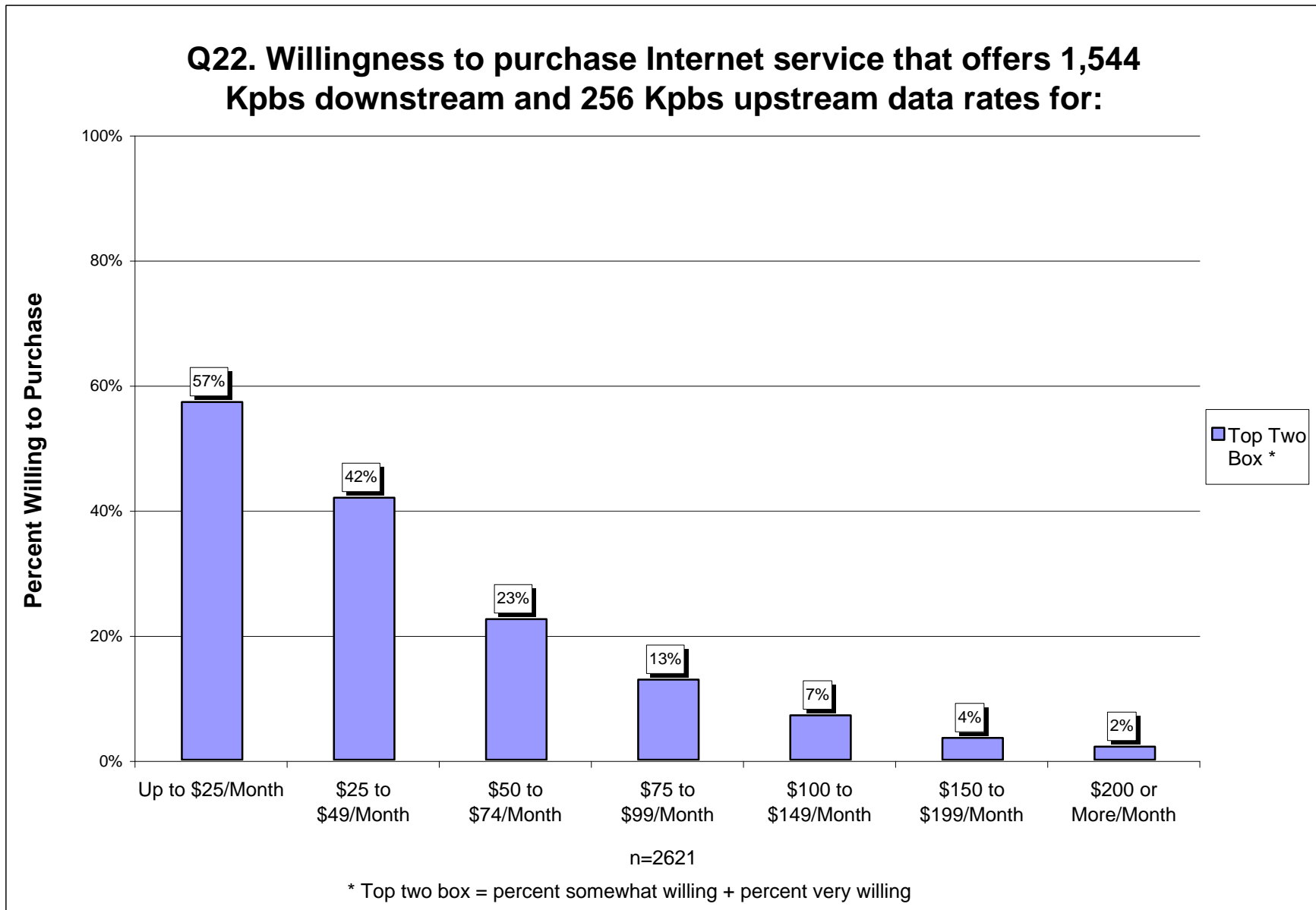
Q20. How willing would you be to switch to a service that offers an increased connection speed while being on-line all of the time for:

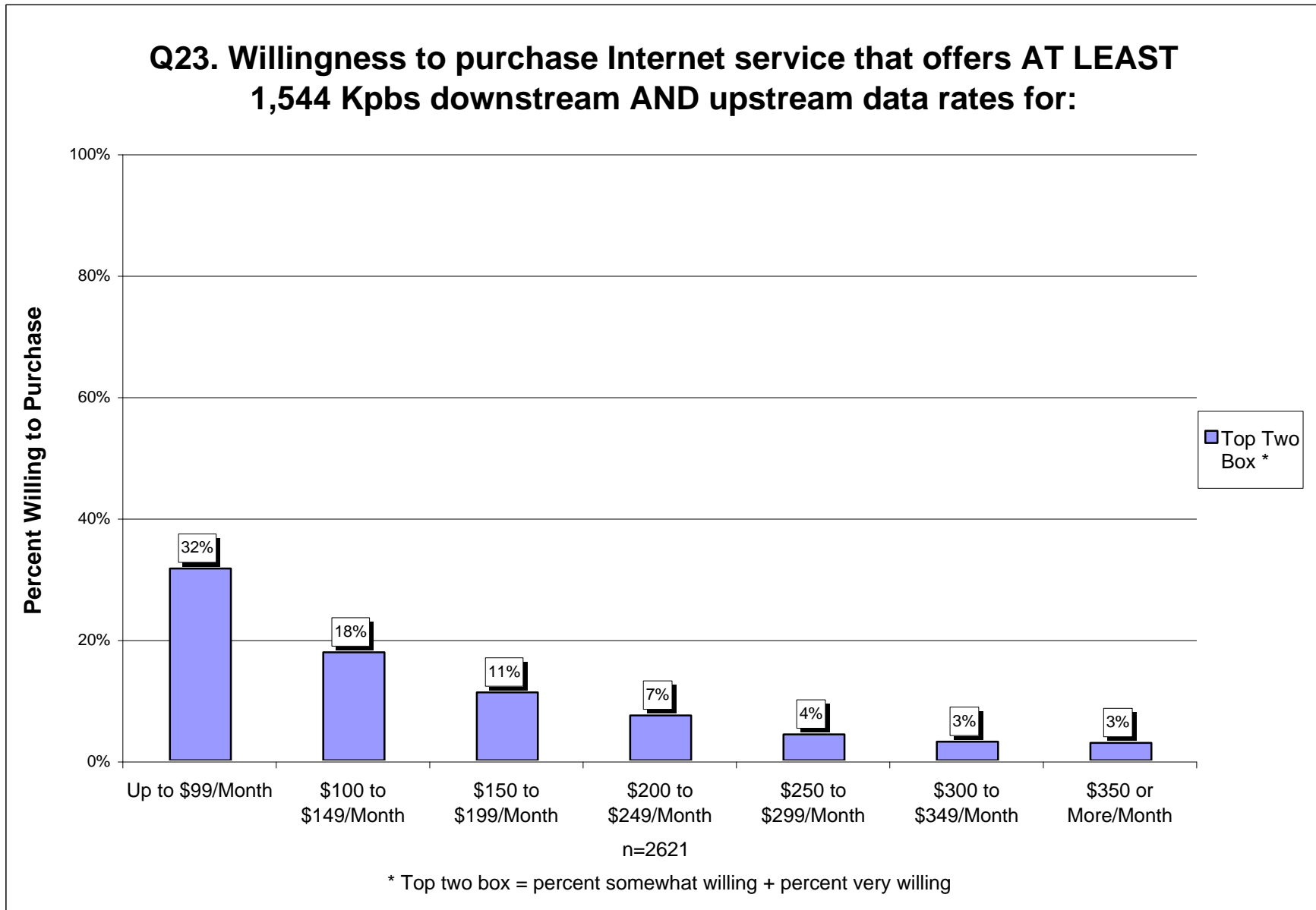


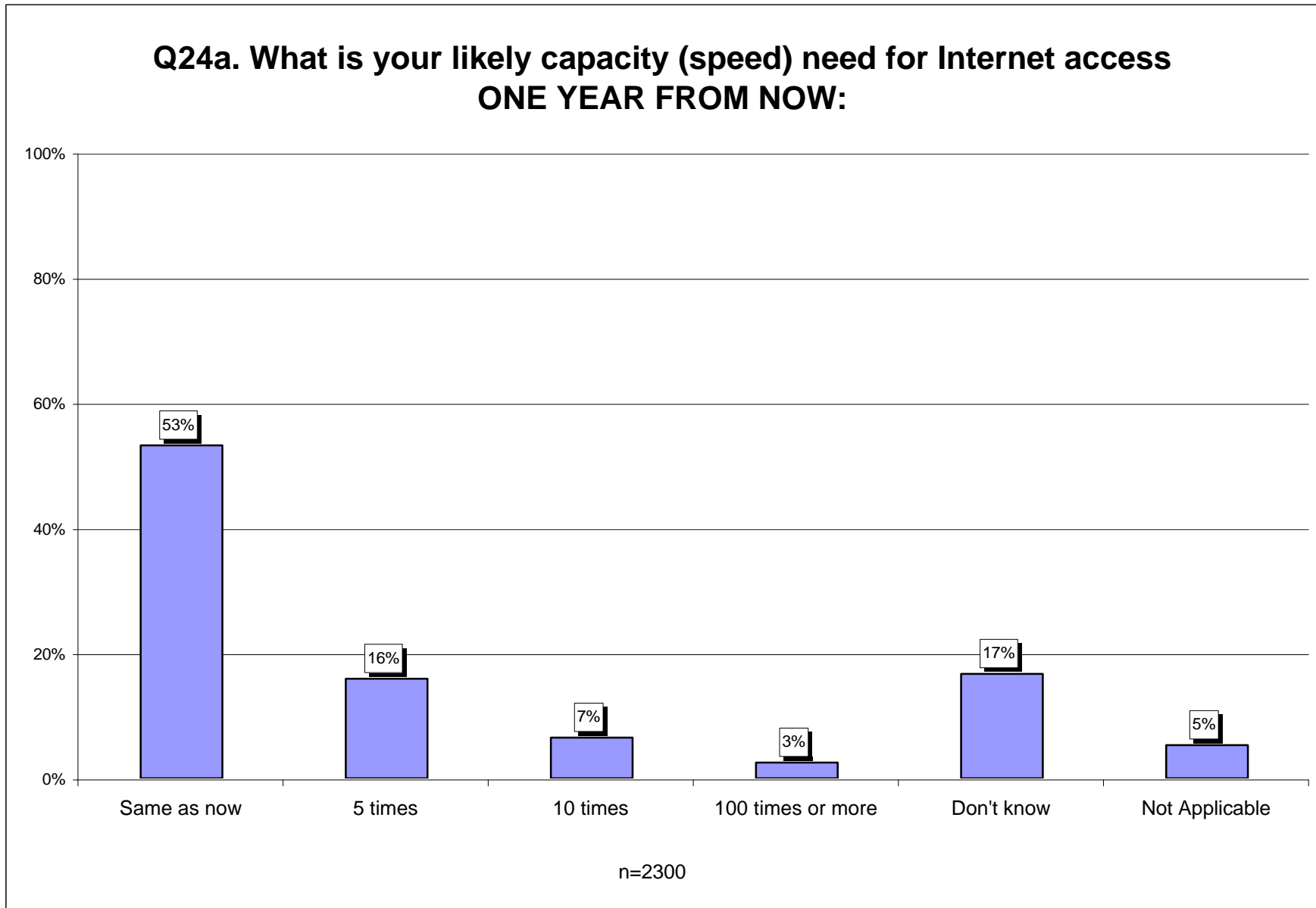
* Top two box = percent somewhat willing + percent very willing



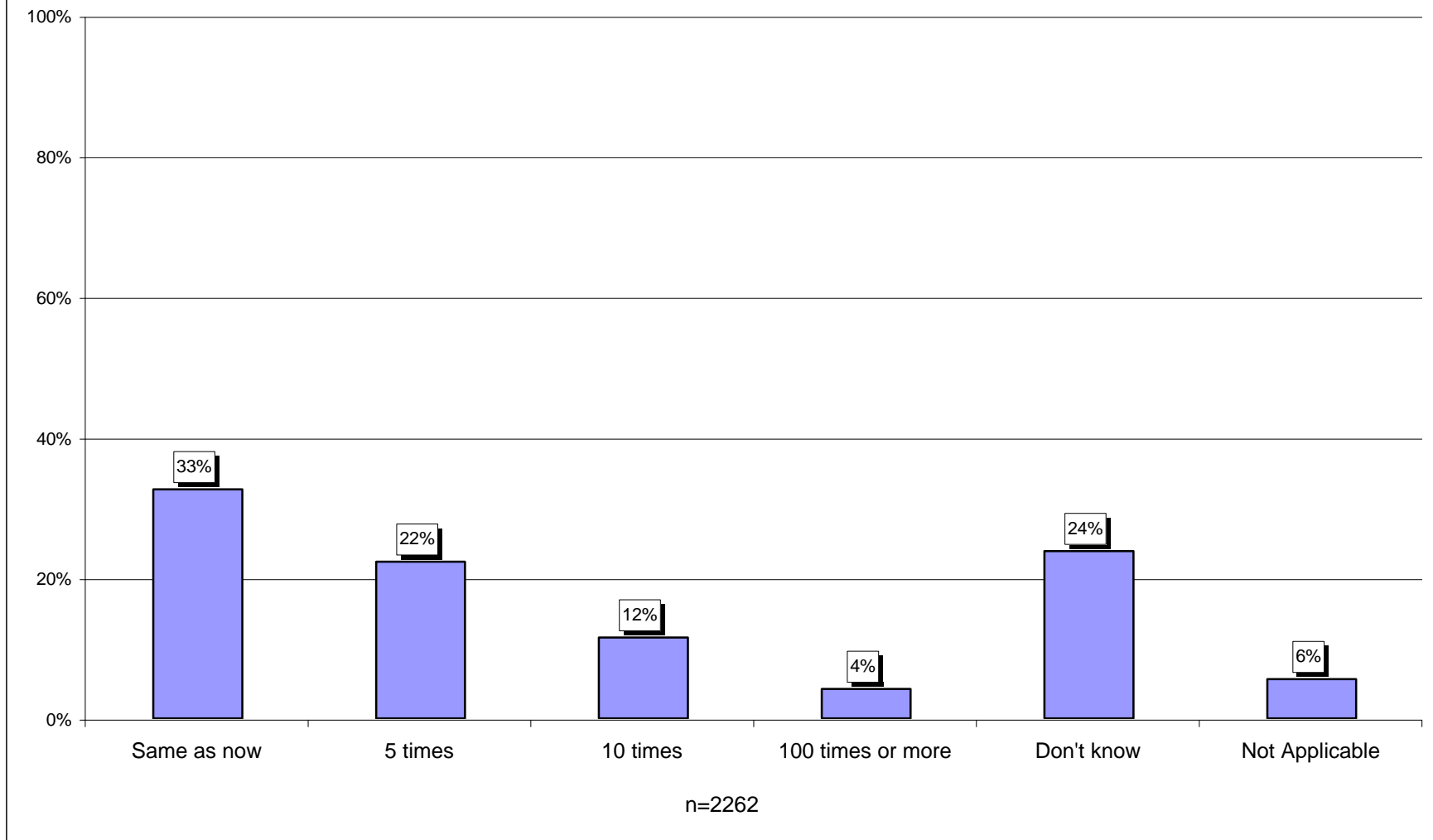
Q22-23 Definitions	
Upstream	Data transfer from your location to the Internet
Downstream	Data transfer from the Internet to your location
1,544 Kpbs	1,544,000 bits per second (Example: would take approximately 1.5 minutes to transfer an average drawing (CAD) file; 15,000 Kbytes)
256 Kpbs	256,000 bits per second (Example: would take approximately 9.5 minutes to transfer an average (CAD) file; 15,000 Kbytes)

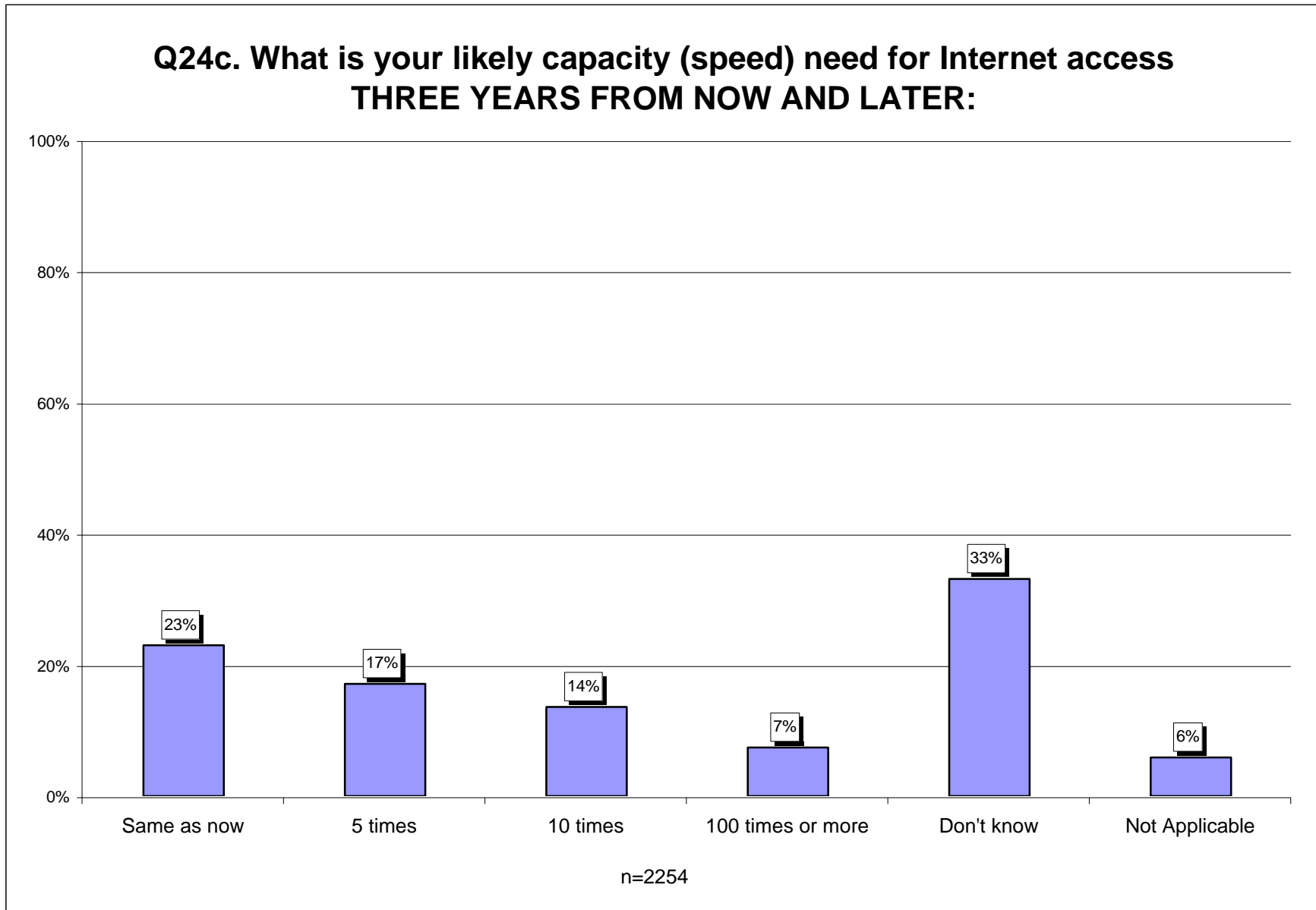




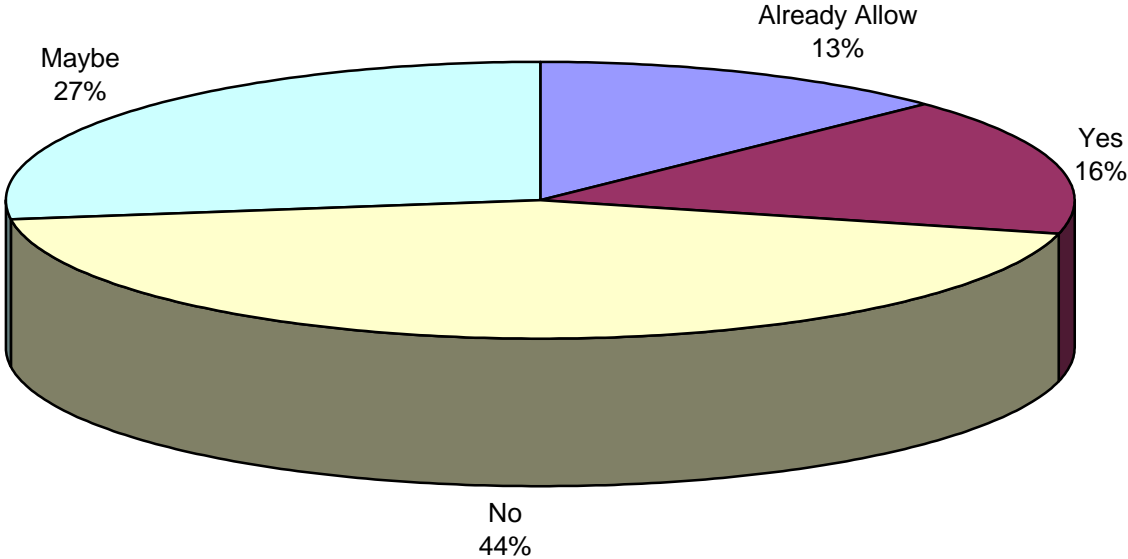


Q24b. What is your likely capacity (speed) need for Internet access TWO YEARS FROM NOW:

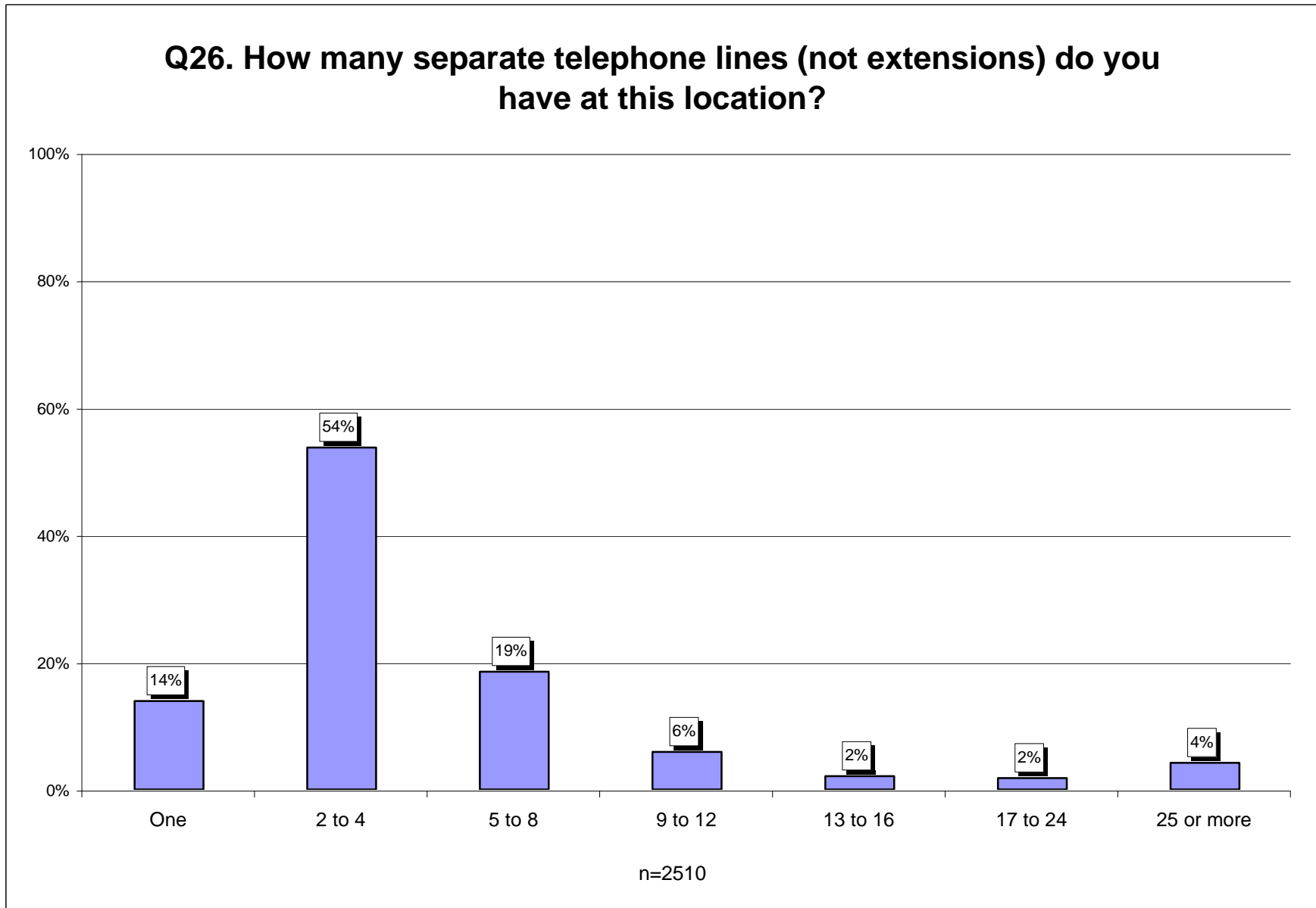




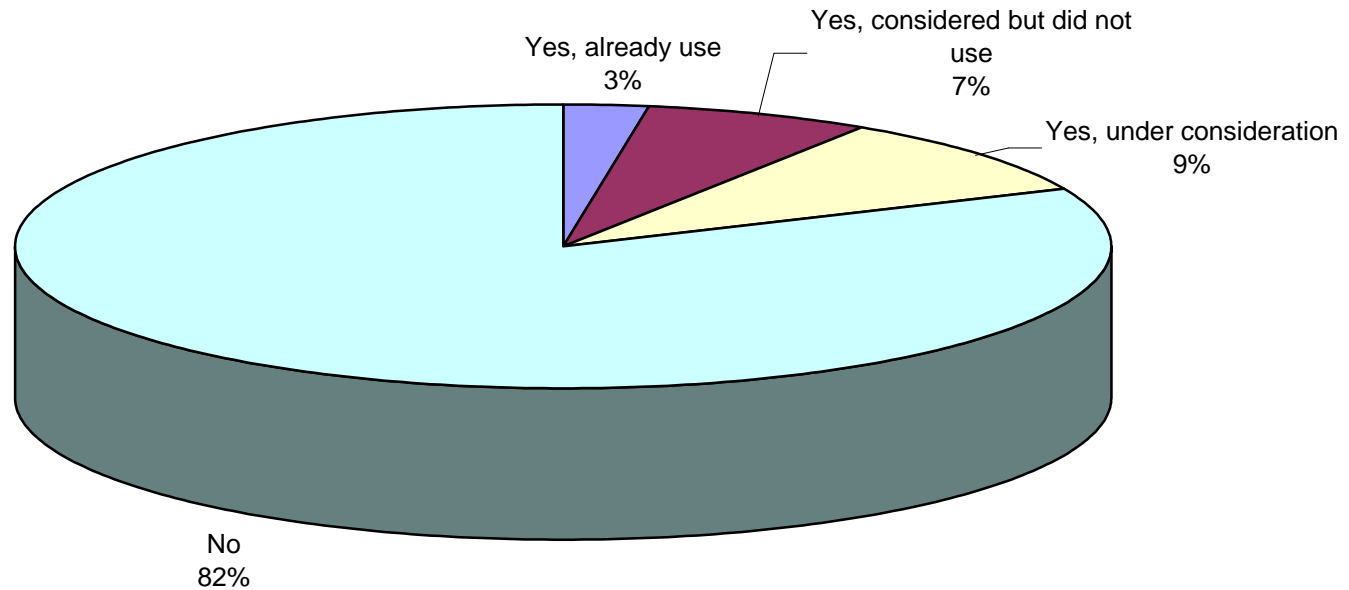
Q25. If high-speed connections were available to employees from home, would your organization allow telecommuting?



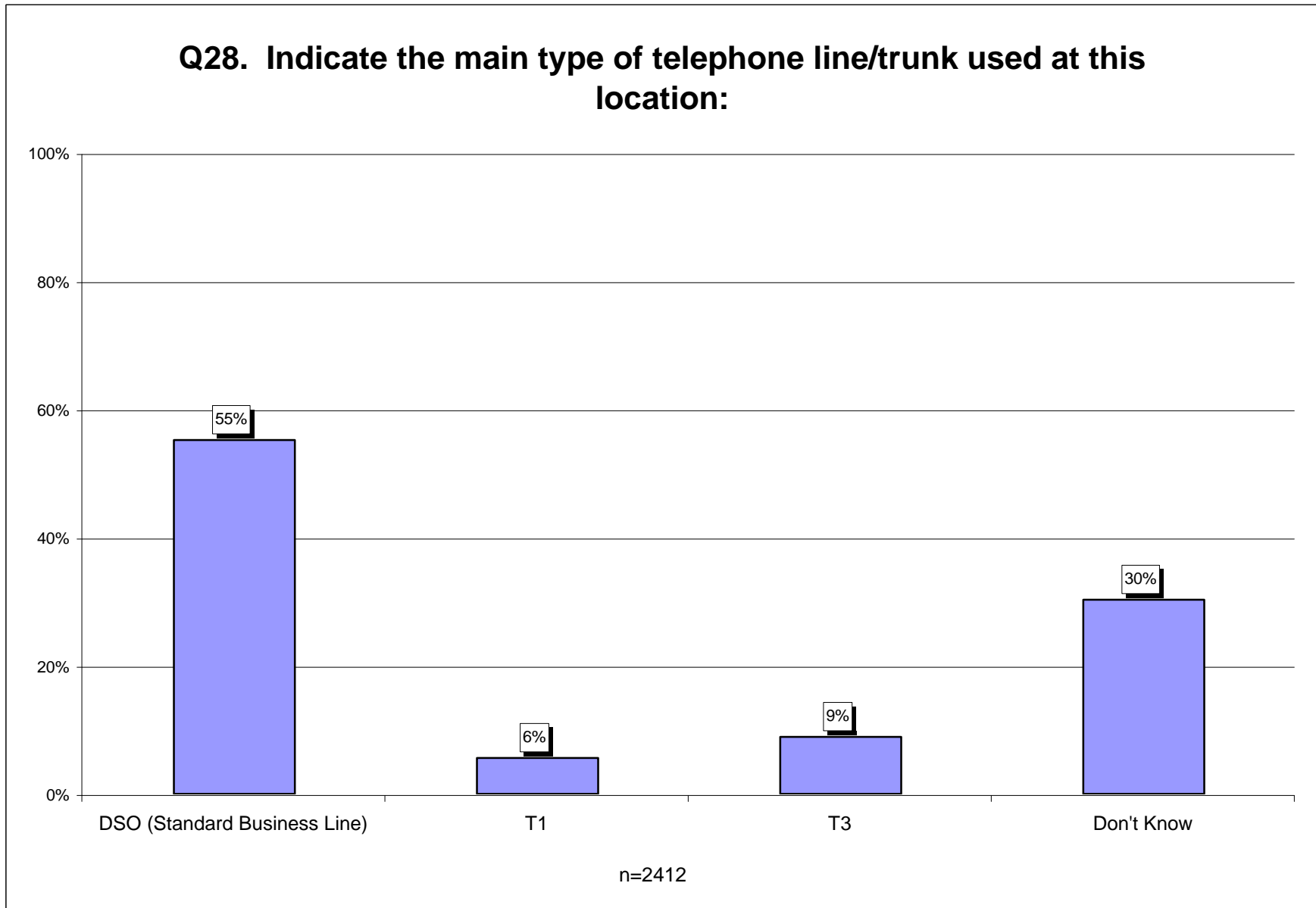
n=2304

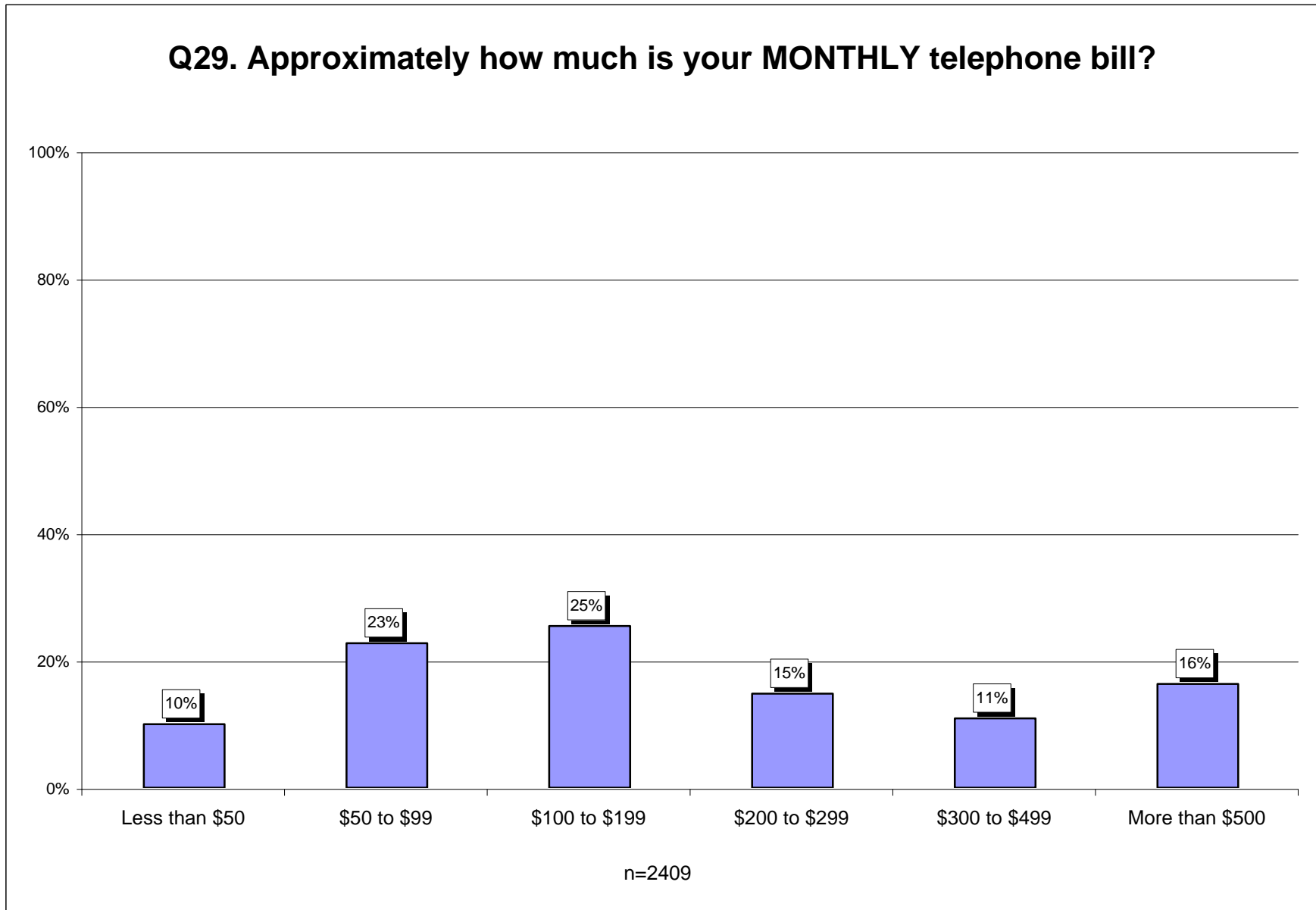


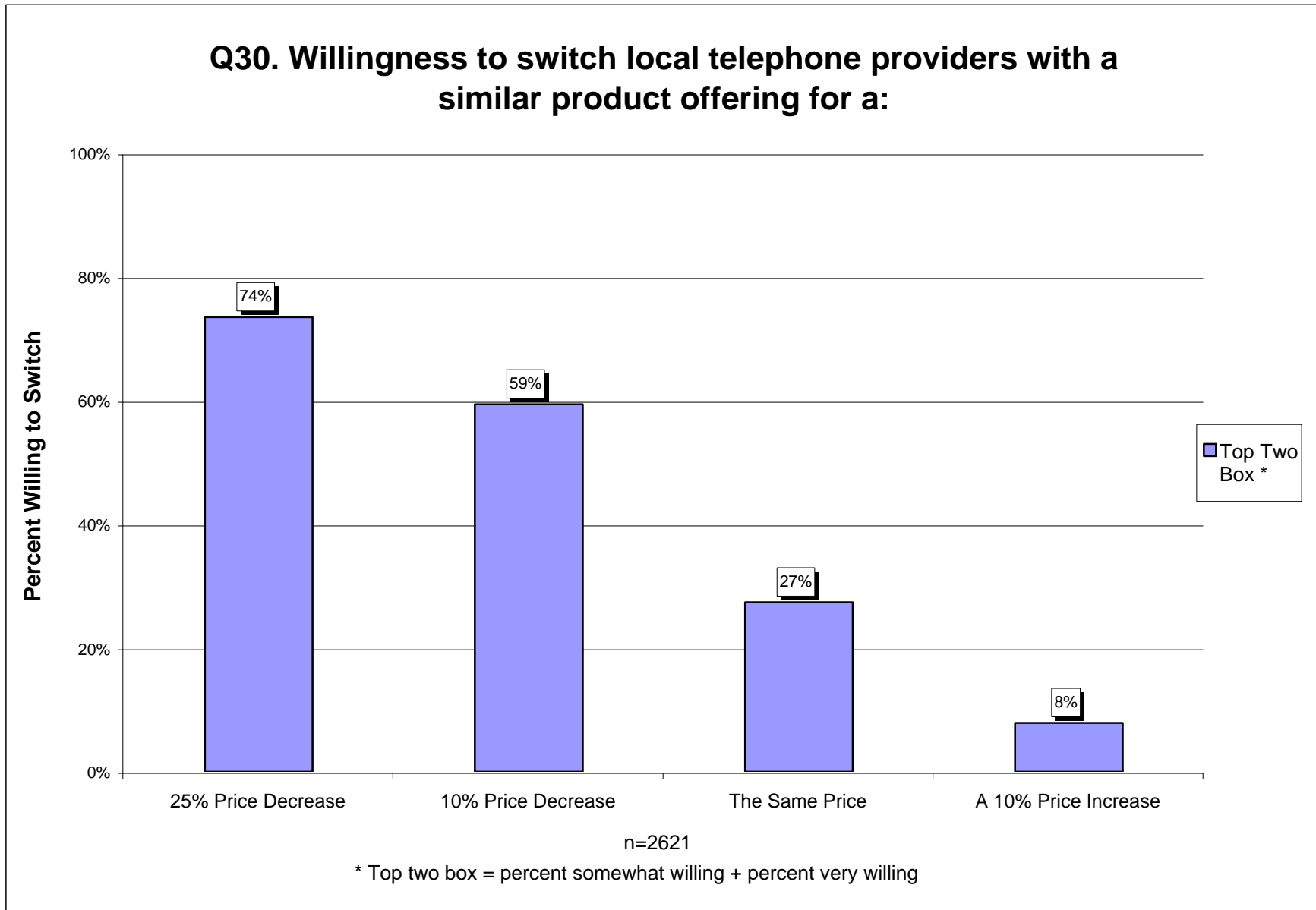
Q27. Have you considered using a VoIP (Voice over Internet Protocol) telephone service?



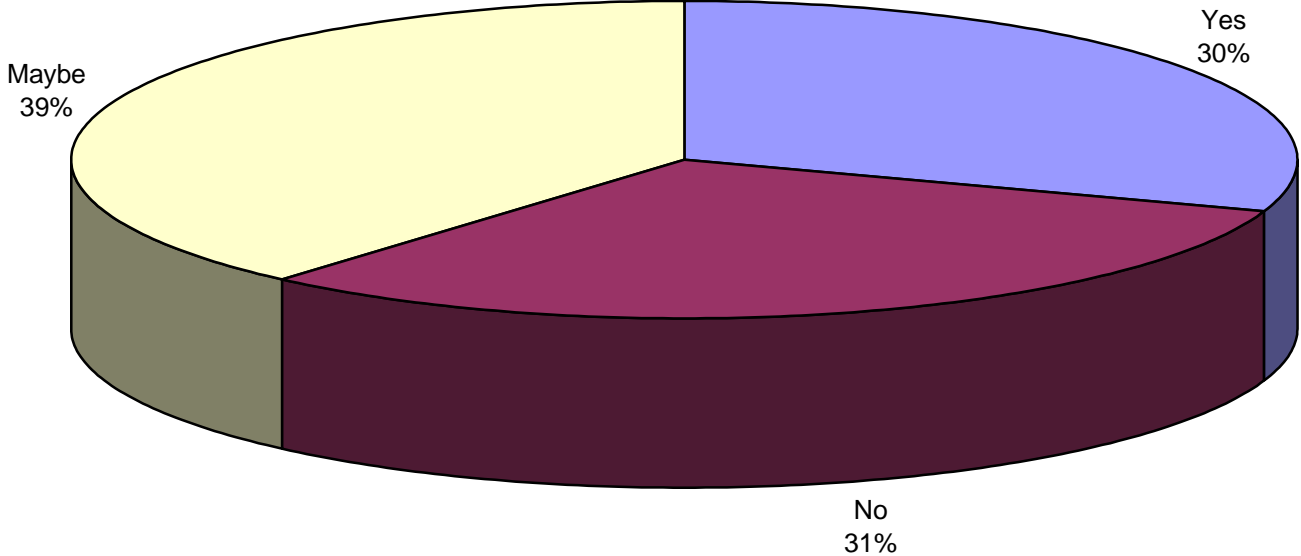
n=2428





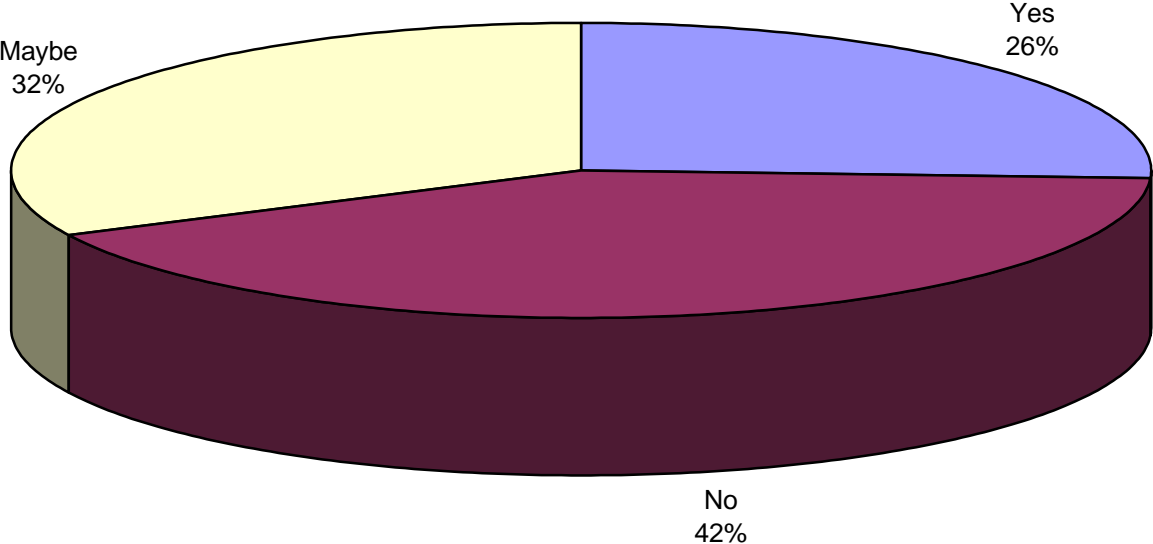


Q31. Are you interested in a fiber optic interconnection within your community?



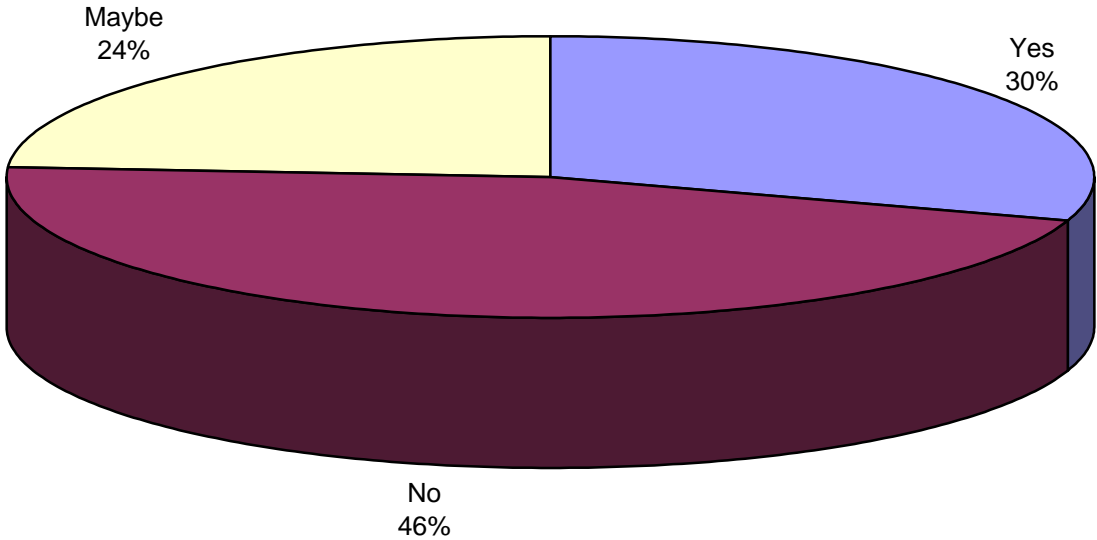
n=2437

Q32. Are you interested in a fiber optic interconnection with other communities in your county?



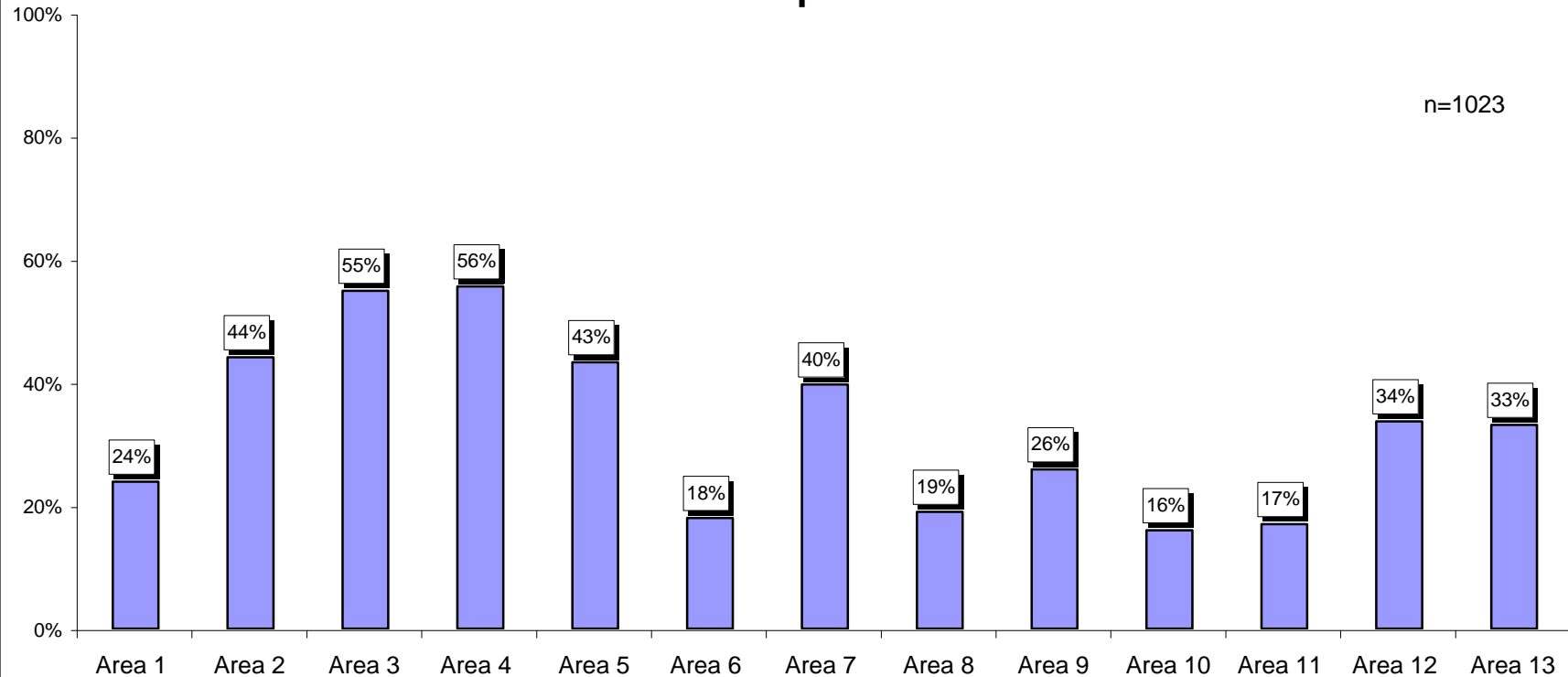
n=2419

Q34. Are you interested in a fiber optic interconnection with other communities outside of your county?



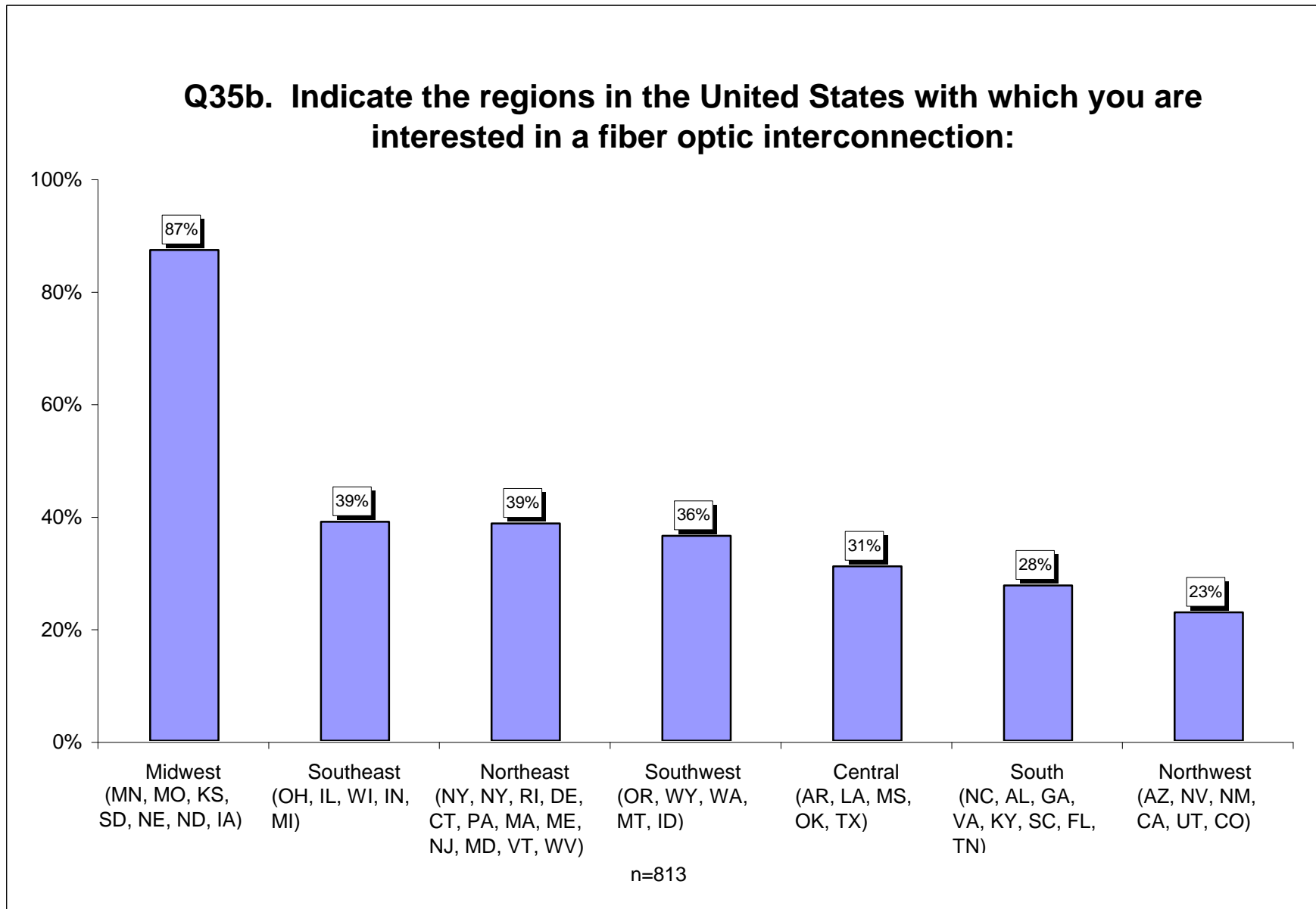
n=2313

Q35a. Indicate the regions of Michigan with which you are interested in a fiber optic interconnection:

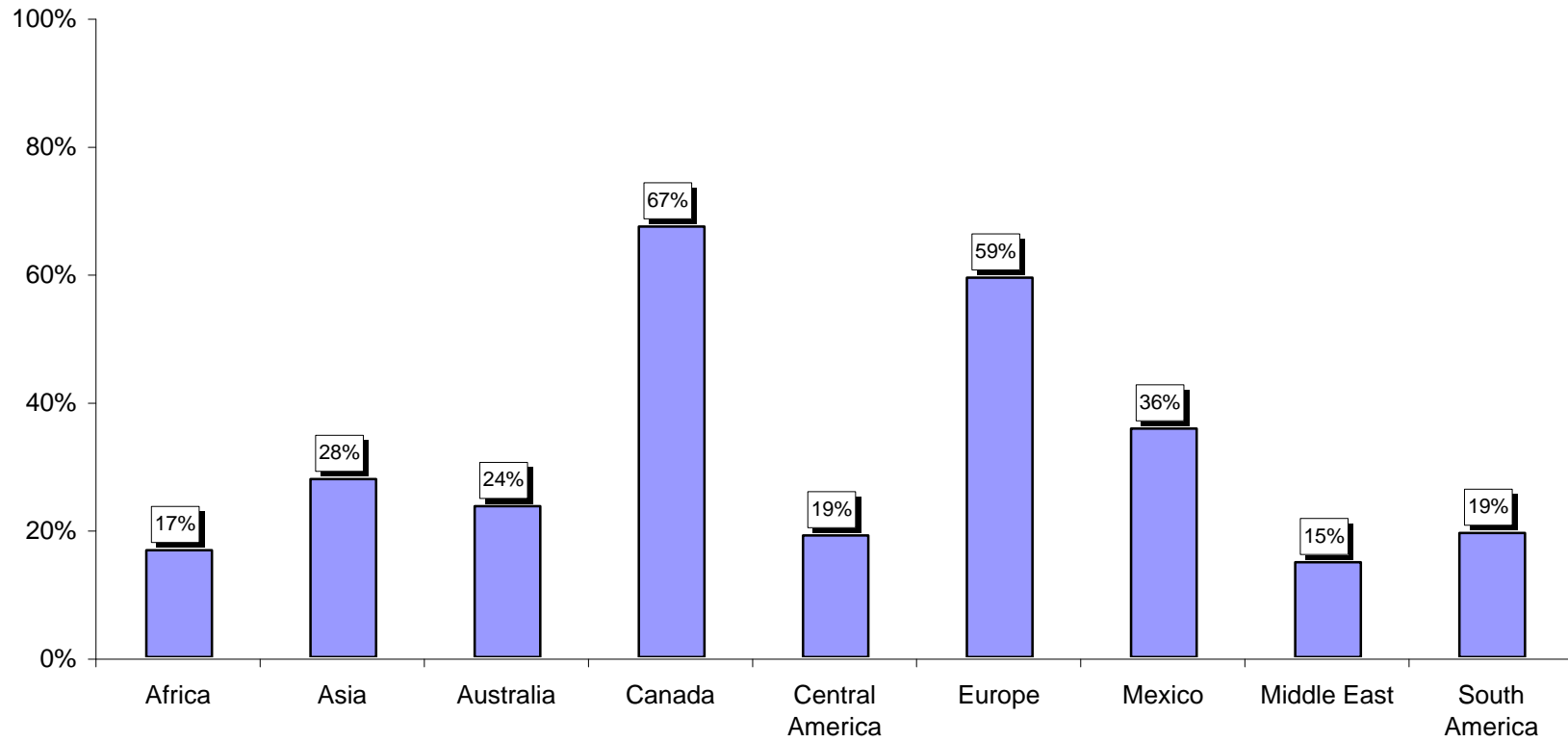


Area 1 (Berrien, Van Buren, Cass)
Area 2 (Allegan, Kalamazoo, St. Joseph)
Area 3 (Calhoun, Branch, Hillsdale, Jackson, Lenawee)
Area 4 (Kent, Ottawa, Muskegon, Ionia, Barry)
Area 5 (Genesee, Shiawassee, Macomb, Oakland, Livingston, Washtenaw, Wayne, Monroe)
Area 6 (Huron, Tuscola, Lapeer, Sanilac, St. Clair)
Area 7 (Clare, Osceola, Mecosta, Montcalm, Isabella, Gratiot, Clinton, Ingham, Eaton)

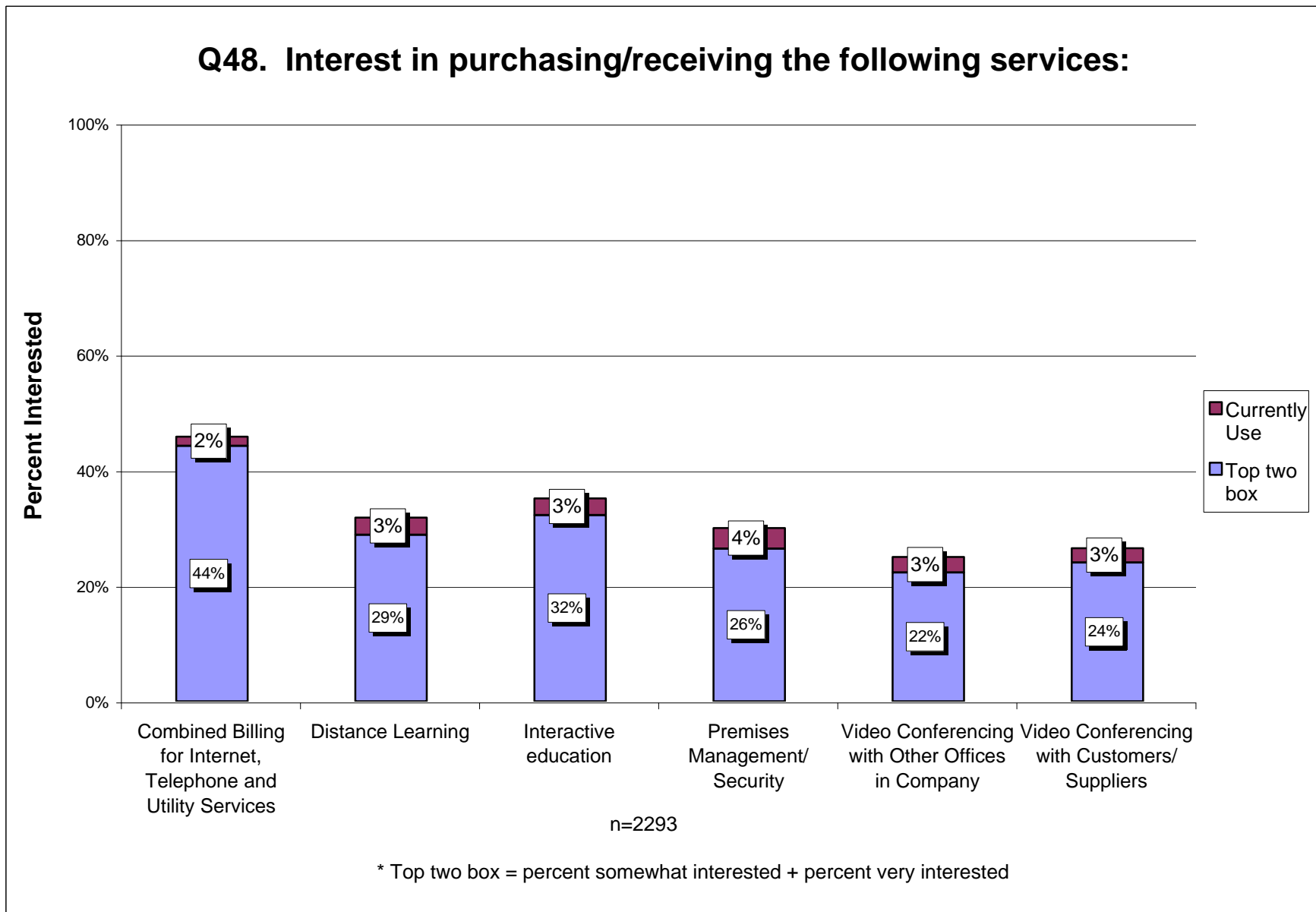
Area 8 (Bay, Gladwin, Midland, Arenac, Saginaw)
Area 9 (Grand Traverse, Leelanau, Manistee, Benzie, Mason, Oceana, Wexford, Lake, Newaygo)
Area 10 (Char., Emm., Cheb., Prs. Is., Mont., Ots., Ant., Kalk., Craw., Osc., Alp., Alc., Oge., Ros.)
Area 11 (Upper Peninsula of Michigan)
Area 12 (Gary/Chicago Area)
Area 13 (N. Indiana and N. Ohio Area)

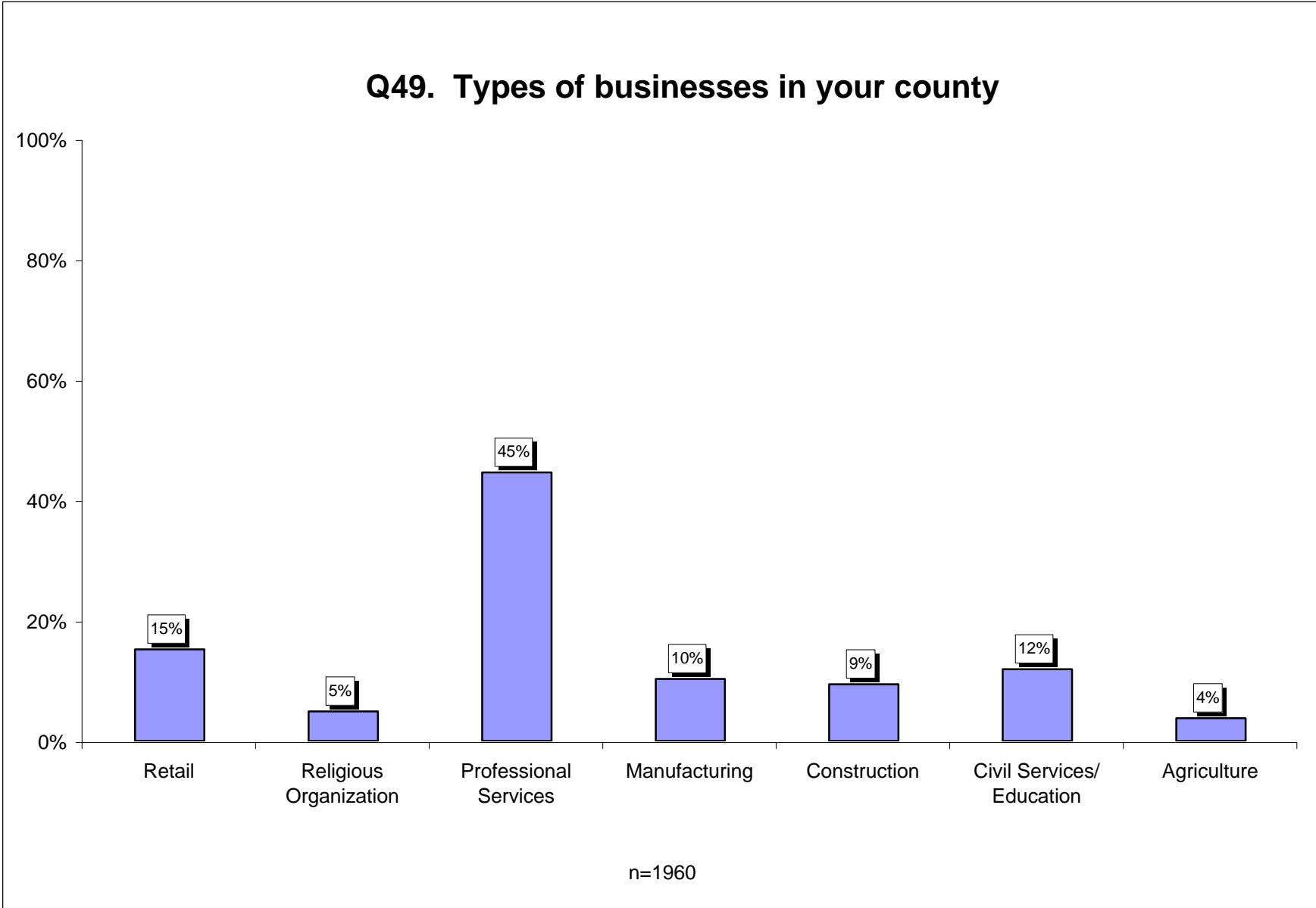


Q35c. Indicate the International Regions with which you are interested in a fiber optic interconnection:

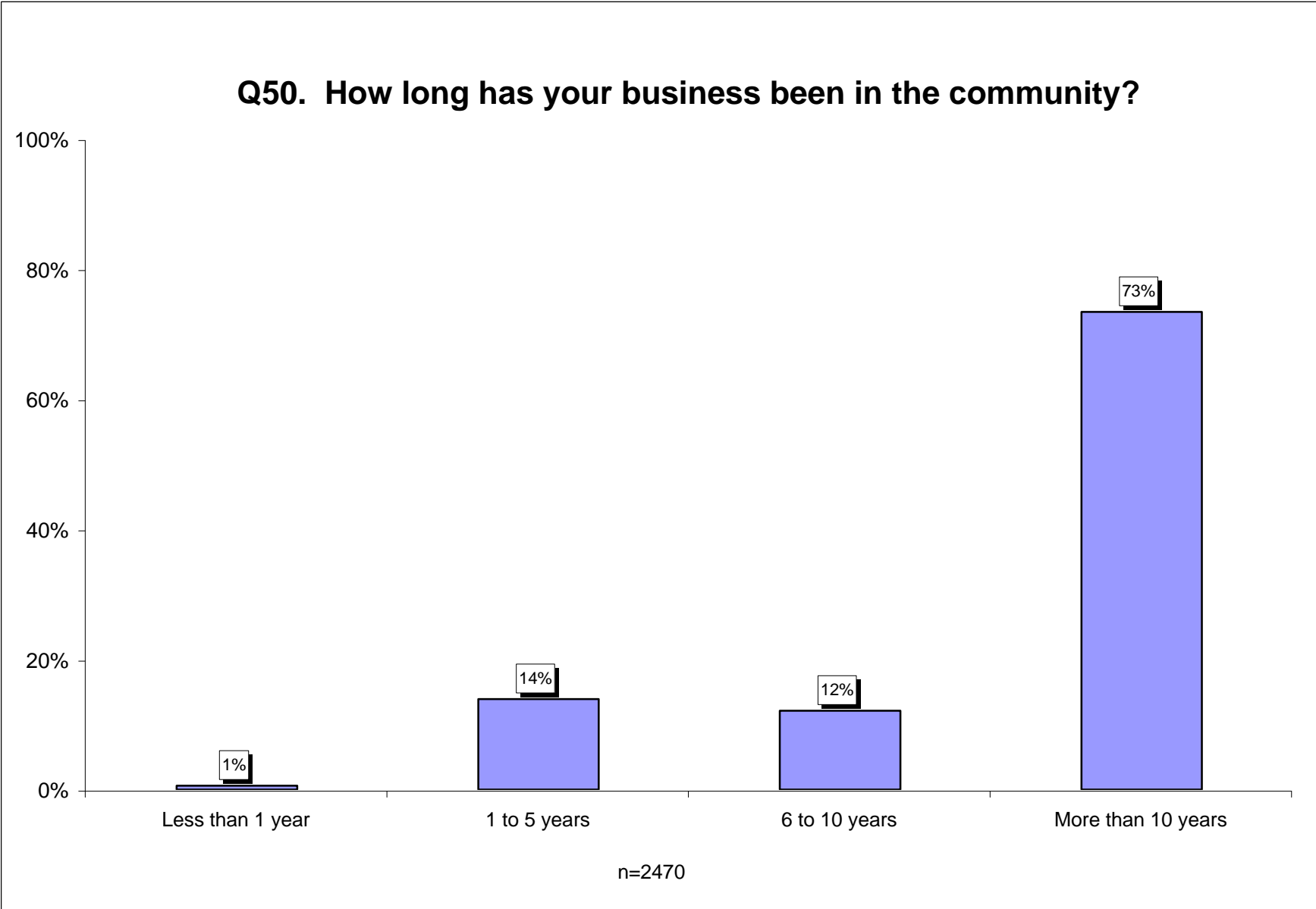


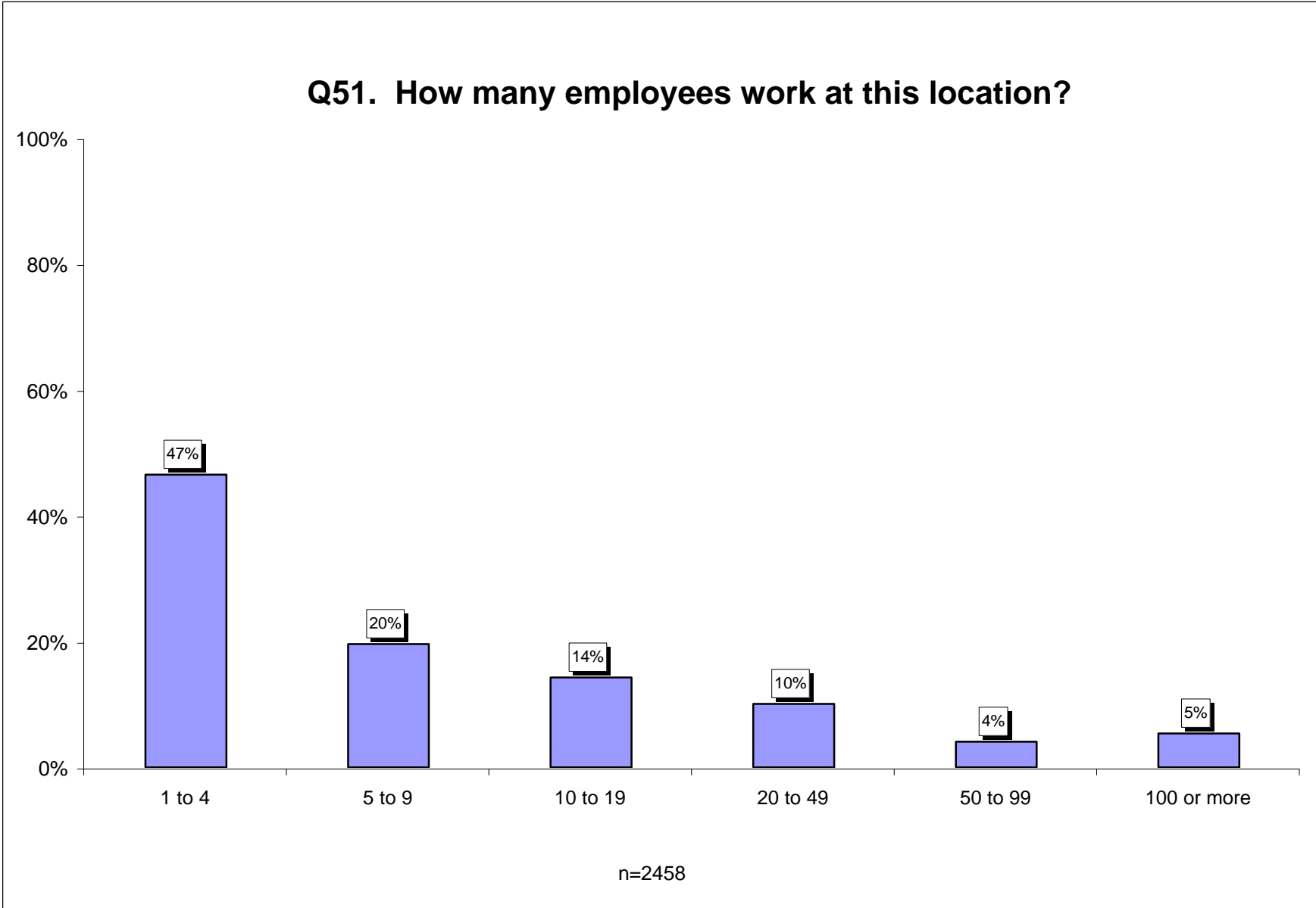
n=263



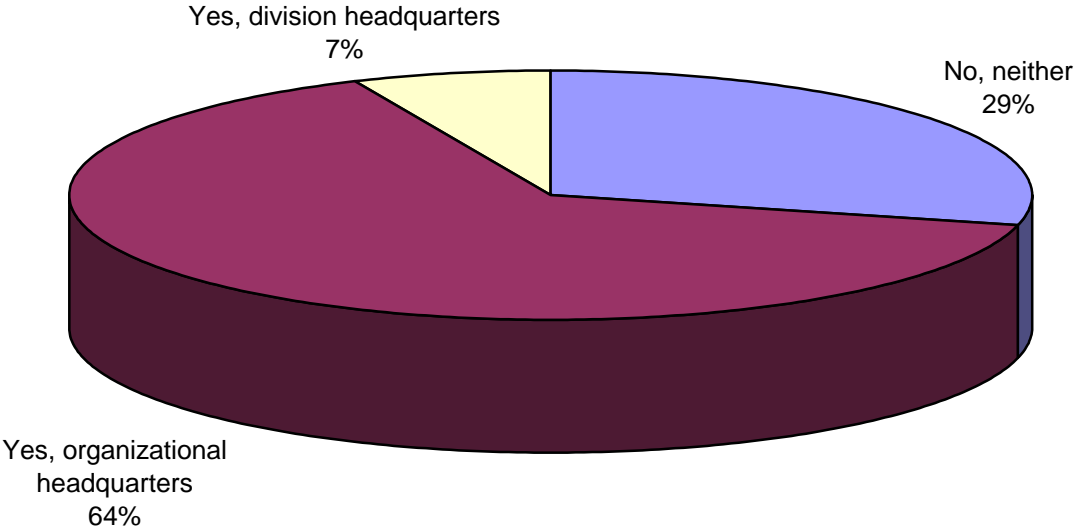


Business Type Breakdown	
Agriculture	Agriculture, forestry, fishing, hunting or mining
Professional Services	Arts, entertainment, recreation, accommodations and food service Finance, insurance, real estate, rental or leasing Health care and Social Services Information Professional, scientific, management, administrative and waste management Telemarketing Tourism Transportation and warehousing Wholesale trade
Construction	Construction
Civil Services/ Education	Education Public administration Utilities
Manufacturing	Manufacturing
Retail	Retail Trade
Religious Org	Religious Institution



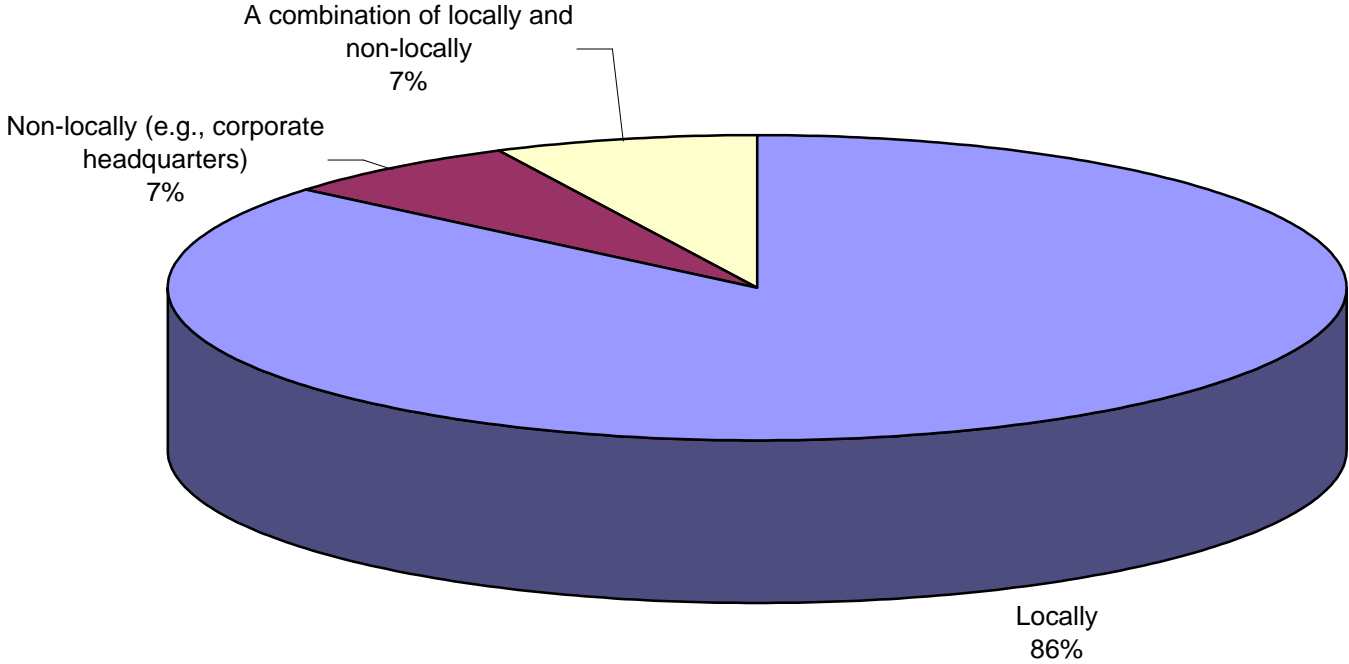


Q52. Is this the organization's headquarters or division headquarters?



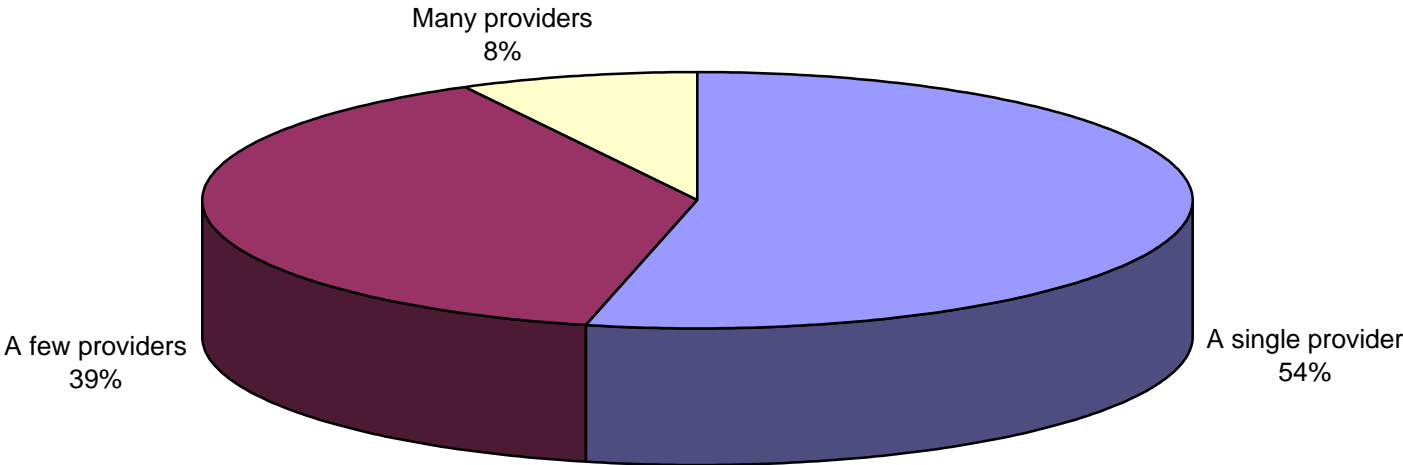
n=2319

Q53. Where are telecommunication decisions made in this organization?



n=2433

Q54. Which market structure will best supply your Internet and other communication services?



n=2295

