

IMMUNISATION
COALITION

General Practitioner Survey

Immunisation Coalition



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Background

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Questions Included #1

1. Which of the following statements about vaccination do you agree with?
 - a) It is important for adults to receive all recommended vaccines according to guidelines
 - b) Vaccines are more important for children than adults
 - c) Vaccines that are recommended for adults should be available free of charge
 - d) It is important to inform adult patients about the benefits and risks of adult vaccinations
 - e) It is important to use patient encounters as an opportunity to ask about their vaccination status
 - f) I routinely review and discuss recommended vaccines with
 - g) I routinely review patients' vaccination status via AIR
 - h) Government incentivising GPs for every vaccine not in the NIP would help increase interest, advocacy and delivery
 - i) My patients respond positively if I raise the issue of adult vaccines during a consultation for something else
2. What are the barriers your patients have reported in relation to receiving vaccines?
3. What are the barriers to recommending vaccines to patients?
 - a) Not enough time during consultations
 - b) Cost of vaccines
 - c) It is difficult to keep track of adult patients' vaccination status
 - d) Patients unlikely to agree
 - e) Patients think that unfunded vaccines are not important
 - f) I don't know enough about the vaccines
 - g) I don't feel confident about recommending the vaccines
 - h) It is difficult to keep up with vaccination recommendations for adults
 - i) I do not have adequate storage facilities to provide adult vaccines
 - j) I am not sufficiently reimbursed to make offering unfunded adult immunisation worthwhile
4. I have a system in my practice to identify adults who have not received recommended vaccines.

Questions Included #2

5. Do you believe the following infections/diseases can have an important impact on the health of adults?
 - a) Influenza
 - b) Pertussis
 - c) Shingles
 - d) Pneumococcal
6. Do you believe the following infections/diseases can be prevented by an adult vaccine?
 - a) Influenza
 - b) Pertussis
 - c) Shingles
 - d) Pneumococcal
7. Do you offer a vaccine to prevent the following infections/diseases in patients who do not qualify for free vaccine under the NIP?
 - a) Influenza
 - b) Pertussis
 - c) Shingles
 - d) Pneumococcal

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Methodology & Sample



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Details of the Methodology

The methodology utilised a nationwide sample size, representative of General Practitioners throughout Australia, with 2 comprehensive stages of qualitative & quantitative research.

Stage 1: In-Depth Interviews

- 152 face-to-face, in-depth interviews were conducted, comprising a representative sample of GP’s, throughout Australia.
- Detailed qualitative and specific quantitative information was obtained.
- Each interview took on average 31 minutes to complete.
- Interviews were conducted in General Practitioners surgeries and medical centres, in the below cities:
 - Sydney
 - Melbourne
 - Brisbane
 - Hobart
 - Adelaide
 - Perth
 - Canberra
 - Darwin
 - Newcastle
 - Bendigo
 - Toowoomba
 - Bunbury

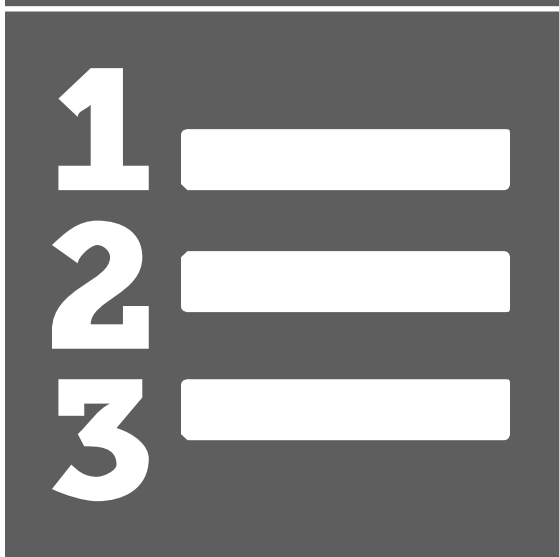
Stage 2: Online Survey

- The online survey was were conducted amongst a representative sample of 503 GP’s throughout Australia.
- The survey utilised the latest online technology, where images, audio and video were included for some questions, making the survey interactive and engaging.
- Detailed quantitative information was obtained.
- The survey took on average 26 minutes to complete.
- The survey was completed using the following devices:
 - PC’s: 73%
 - Tablets: 19%
 - Smartphones: 8%



Sample

- Large nationwide sample size, involving:
 - 152 in-depth interview participants
 - 503 online survey participants
- Representative of General Practitioners throughout Australia of across all States, Territories, metropolitan, regional & rural areas.



Comprehensive

- 2-stage methodology.
- Qualitative stage:
 - 152 face-to-face, in-depth interviews, conducted across 12 cities
- Quantitative stage:
 - 503 online survey participants, conducted nationwide



Confidence

- Very high level of statistical confidence across all findings.
- Between 95-97% statistical confidence for almost all questions.



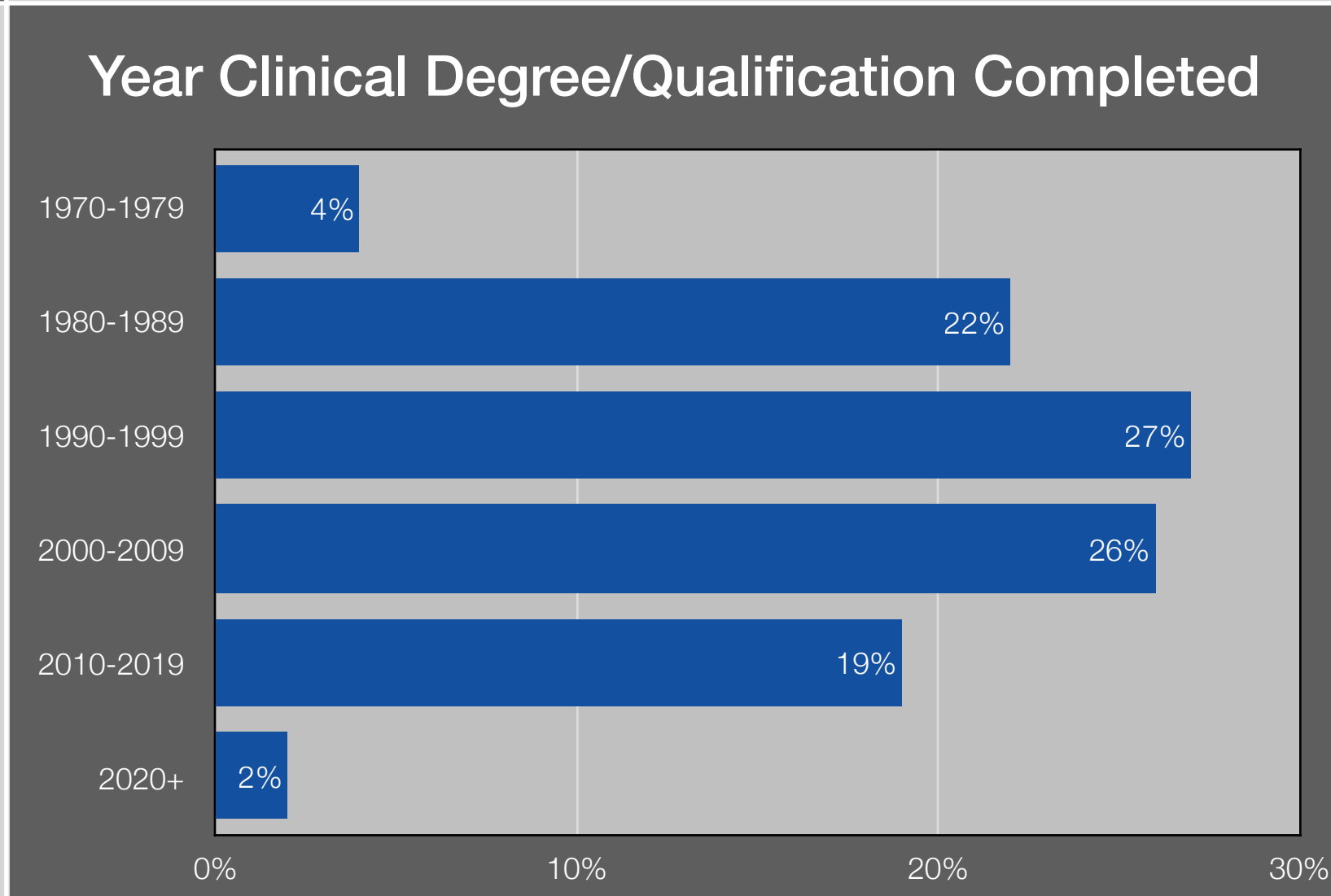
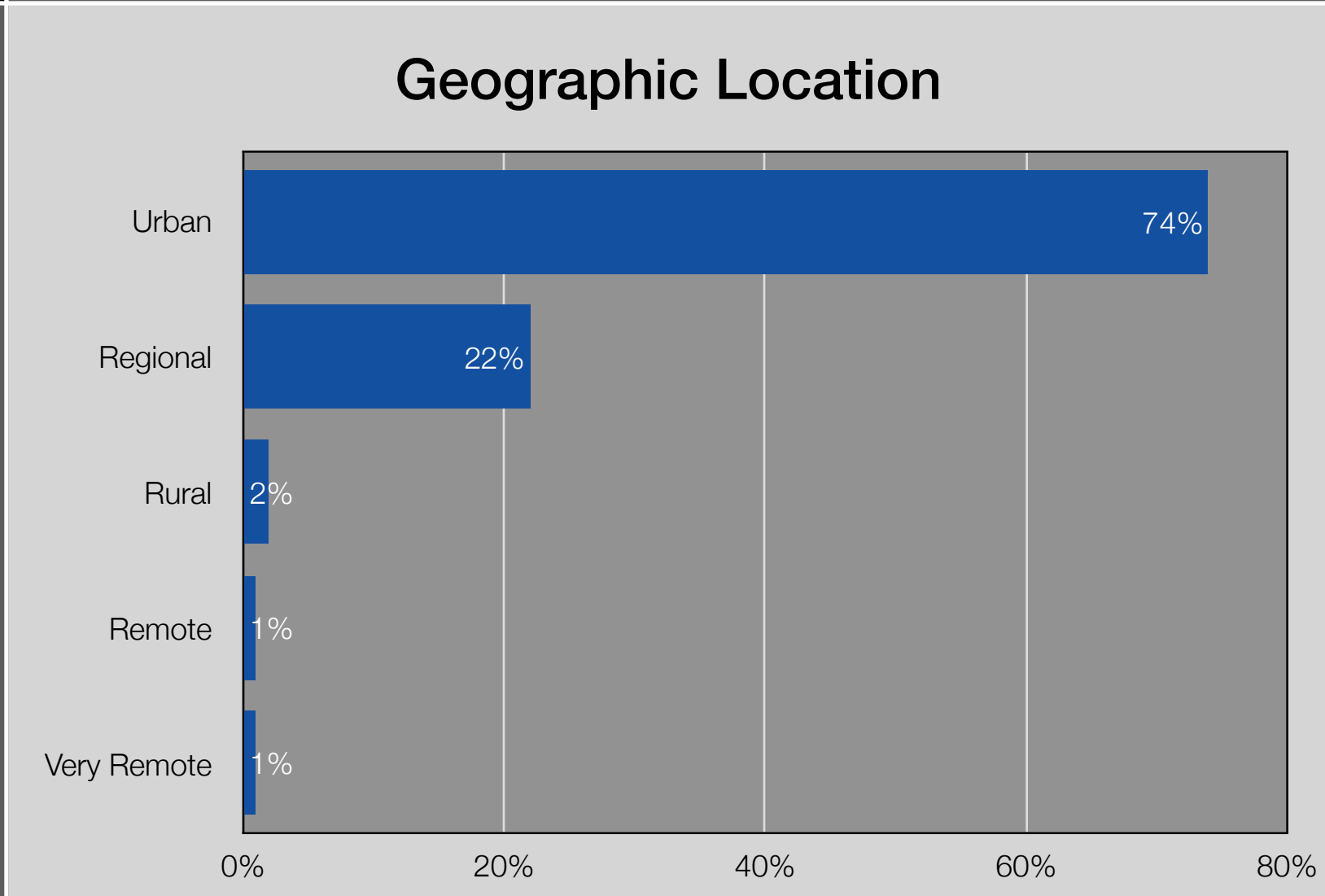
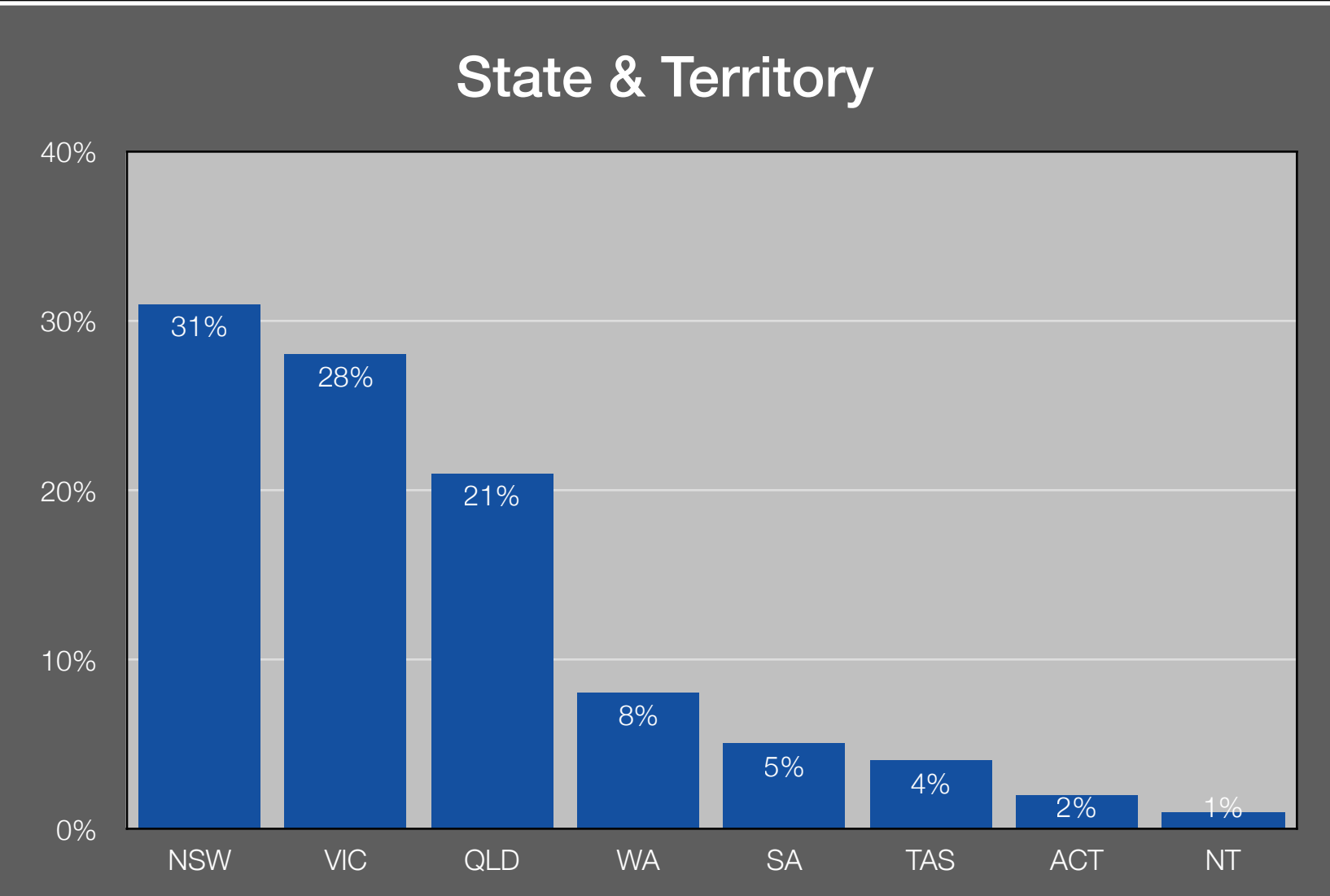
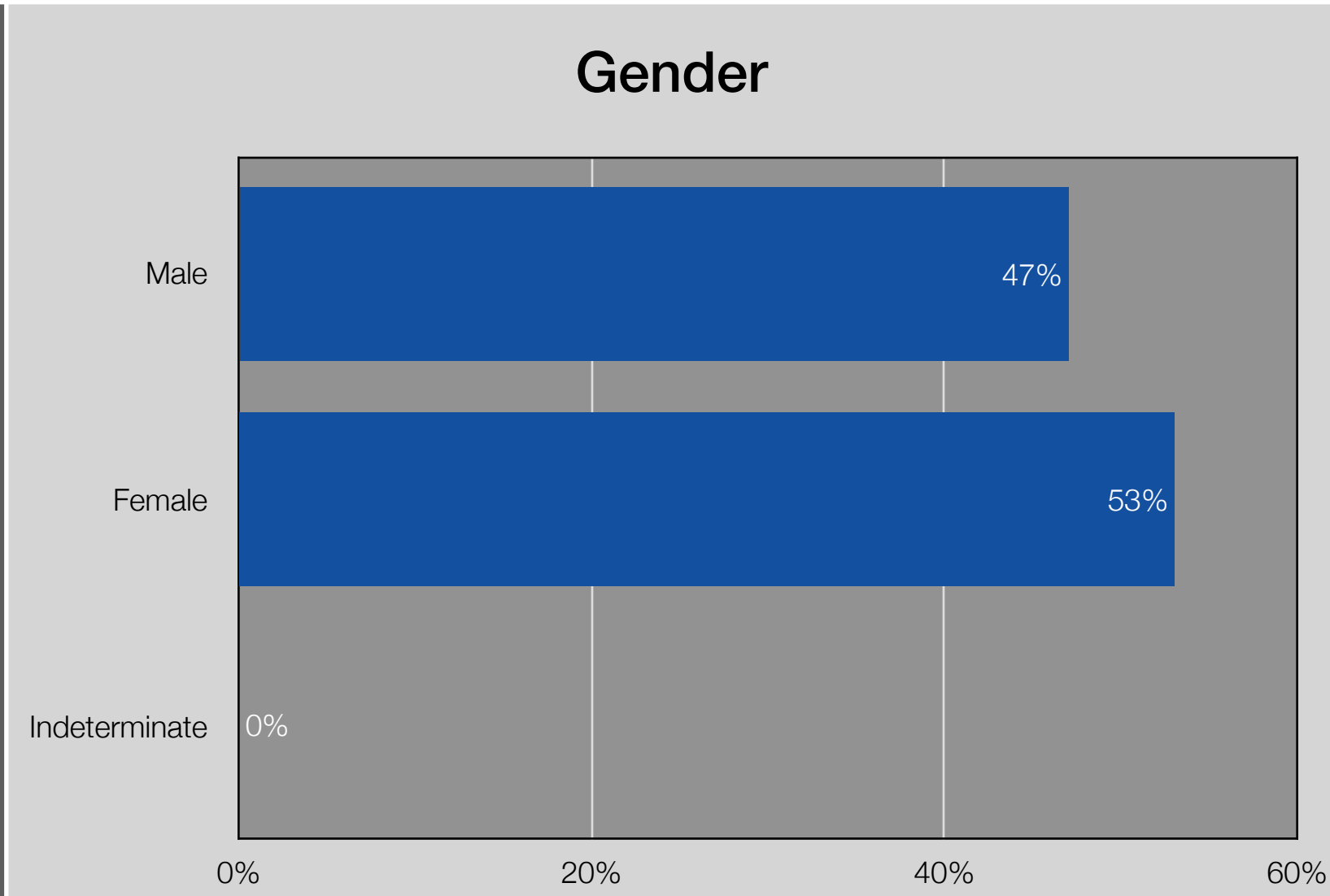
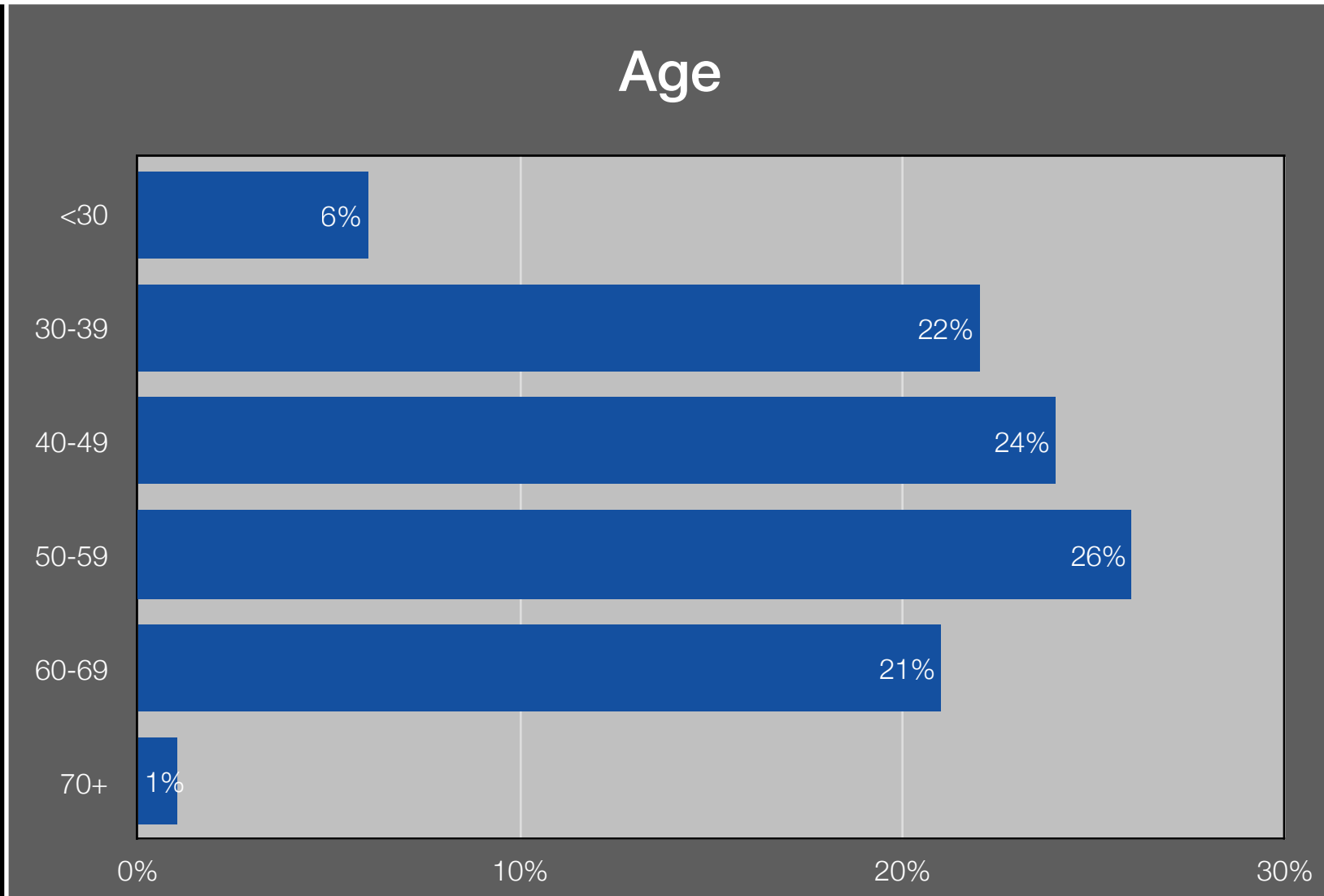
Dates

- Qualitative stage
 - Face-to-face, in-depth interviews: 9th to 24th March
- Quantitative stage:
 - Online survey: 8th to 28th March

Representative Sample of Australian General Practitioners

The closest representative of sample of General Practitioners throughout Australia was sought across geographic, demographic and working experience.

The sample size comprised 503 completed online surveys.



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Findings



Statements about vaccination

1. Which of the following statements about vaccination do you agree with?

Which of the following statements about vaccination do you agree with?

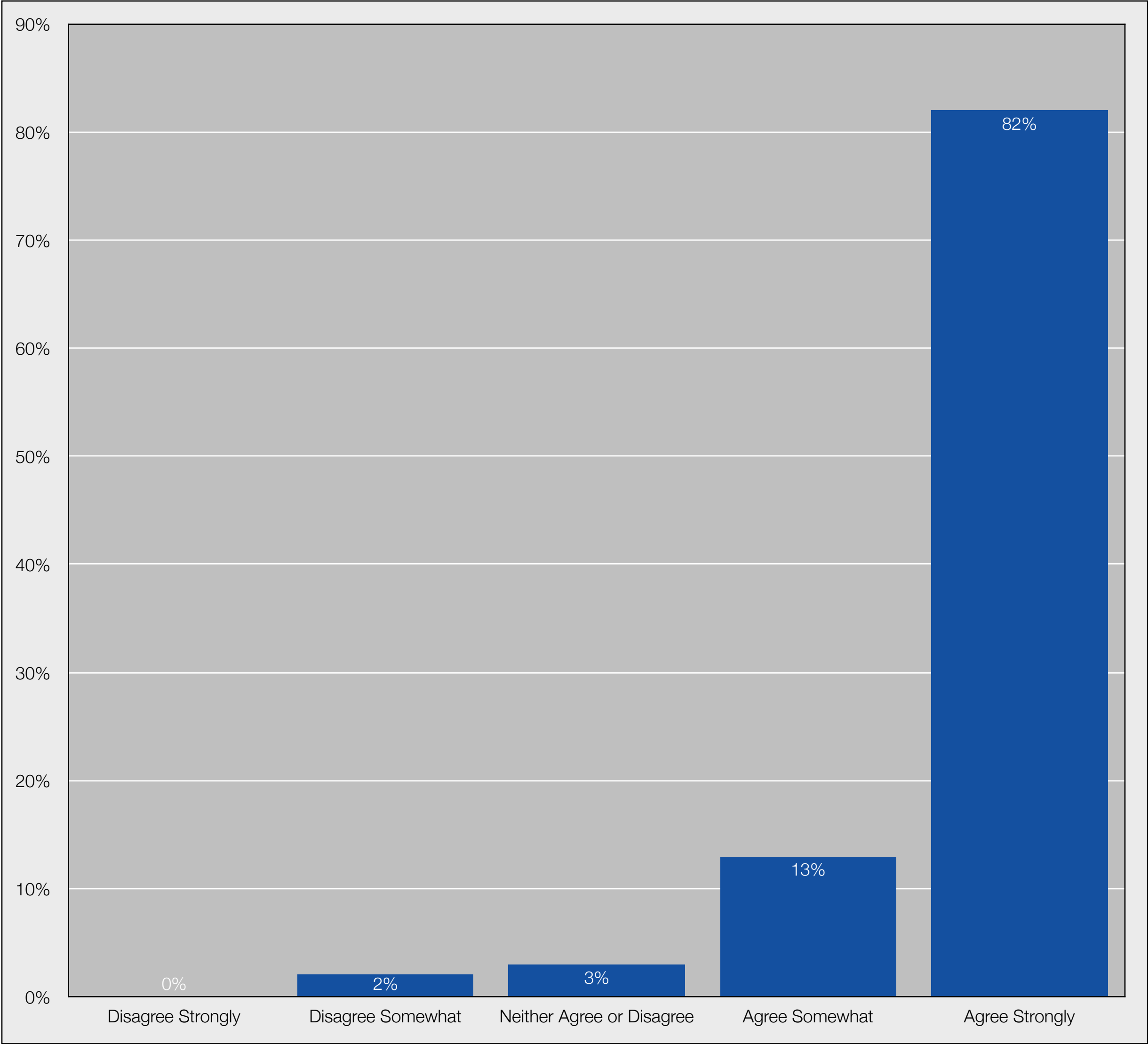
- a) It is important for adults to receive all recommended vaccines according to guidelines
- b) Vaccines are more important for children than adults
- c) Vaccines that are recommended for adults should be available free of charge
- d) It is important to inform adult patients about the benefits and risks of adult vaccinations
- e) It is important to use patient encounters as an opportunity to ask about their vaccination status
- f) I routinely review and discuss recommended vaccines with my patients who are aged 50+
- g) I routinely review patients' vaccination status via AIR
- h) Government incentivising GP's for every vaccine not in the NIP would help increase interest, advocacy and delivery
- i) My patients respond positively if I raise the issue of adult vaccines during a consultation for something else

Importance for adults to receive all recommended vaccines

a) It is important for adults to receive all recommended vaccines according to guidelines

95% agree it is important for adults to receive all recommended vaccines

- 95% agree with the statement, apportioned:
 - 82% 'Agree Strongly'
 - 13% 'Agree Somewhat'
- 2% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 2% 'Disagree Somewhat'
- 3% neutral, answering 'Neither Agree or Disagree'

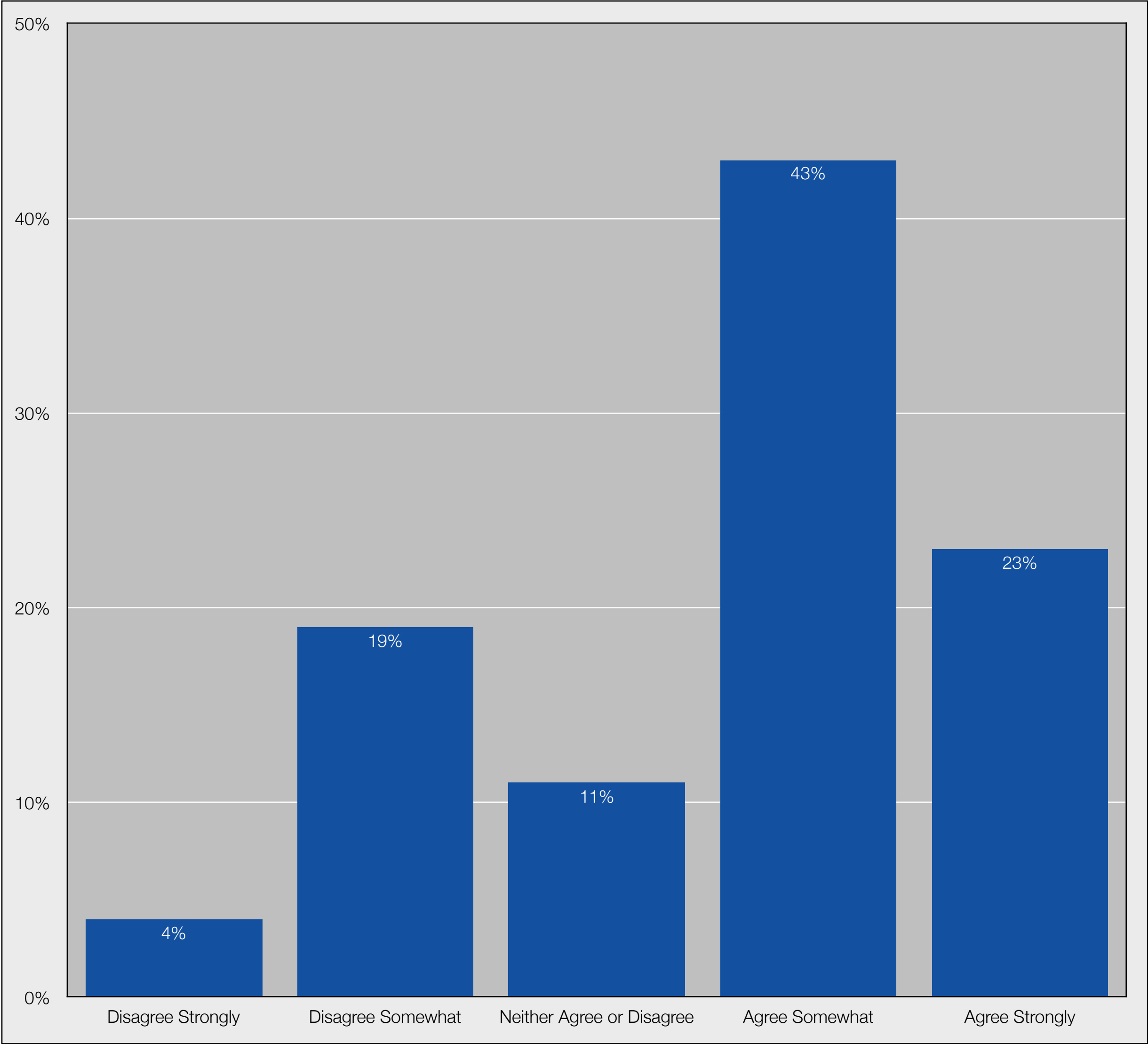


Vaccines are more important for children than adults

b) Vaccines are more important for children than adults

66% agree vaccines are more important for children than adults

- 66% agree with the statement, apportioned:
 - 23% 'Agree Strongly'
 - 43% 'Agree Somewhat'
- 23% disagree, apportioned:
 - 4% 'Disagree Strongly'
 - 19% 'Disagree Somewhat'
- 11% neutral, answering 'Neither Agree or Disagree'

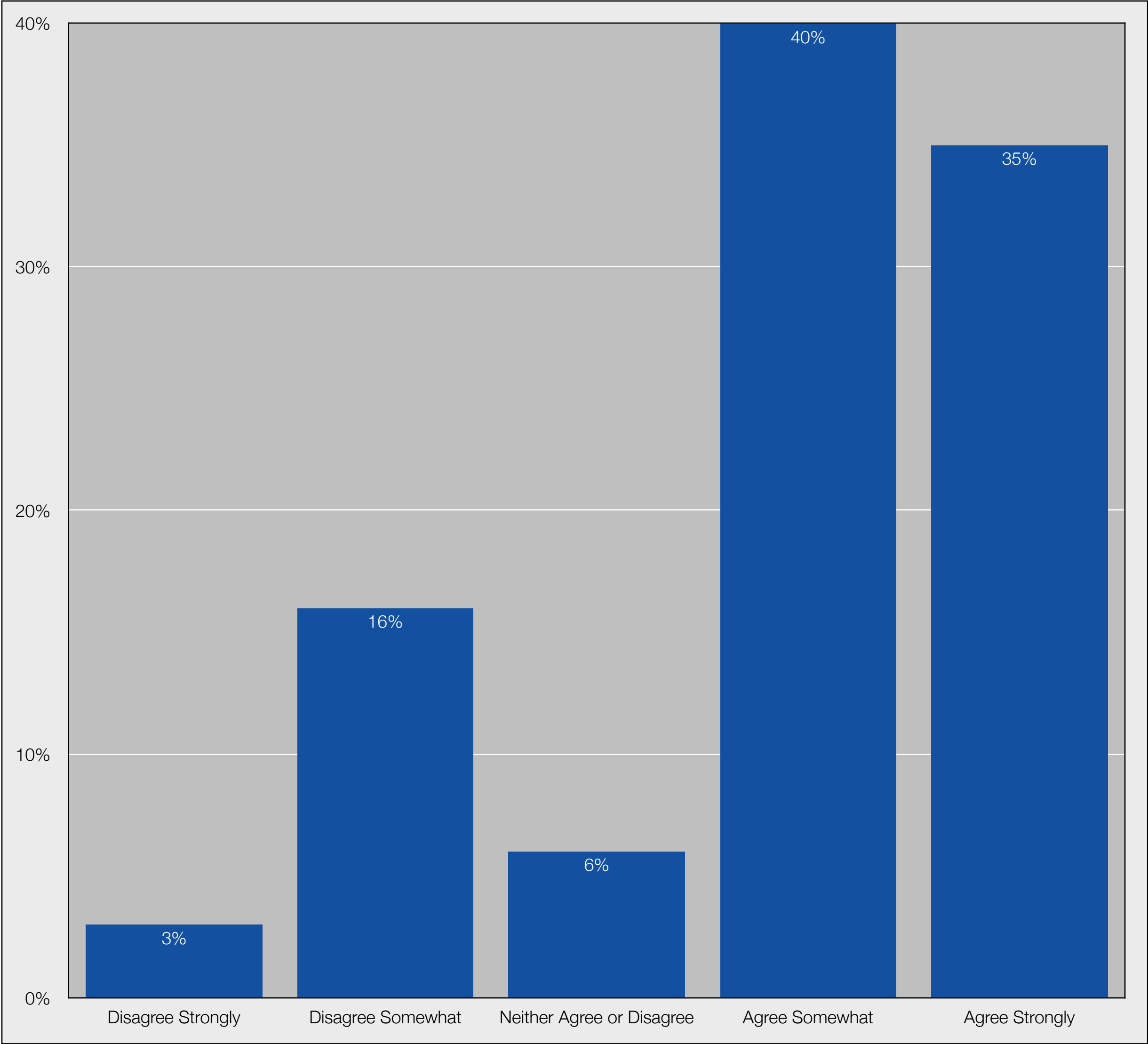


Vaccines recommended for adults should be publicly funded

c) Vaccines that are recommended for adults should be available free of charge

75% agree vaccines recommended for adults should be publicly funded

- 75% agree with the statement, apportioned:
 - 35% 'Agree Strongly'
 - 40% 'Agree Somewhat'
- 19% disagree, apportioned:
 - 3% 'Disagree Strongly'
 - 16% 'Disagree Somewhat'
- 6% neutral, answering 'Neither Agree or Disagree'

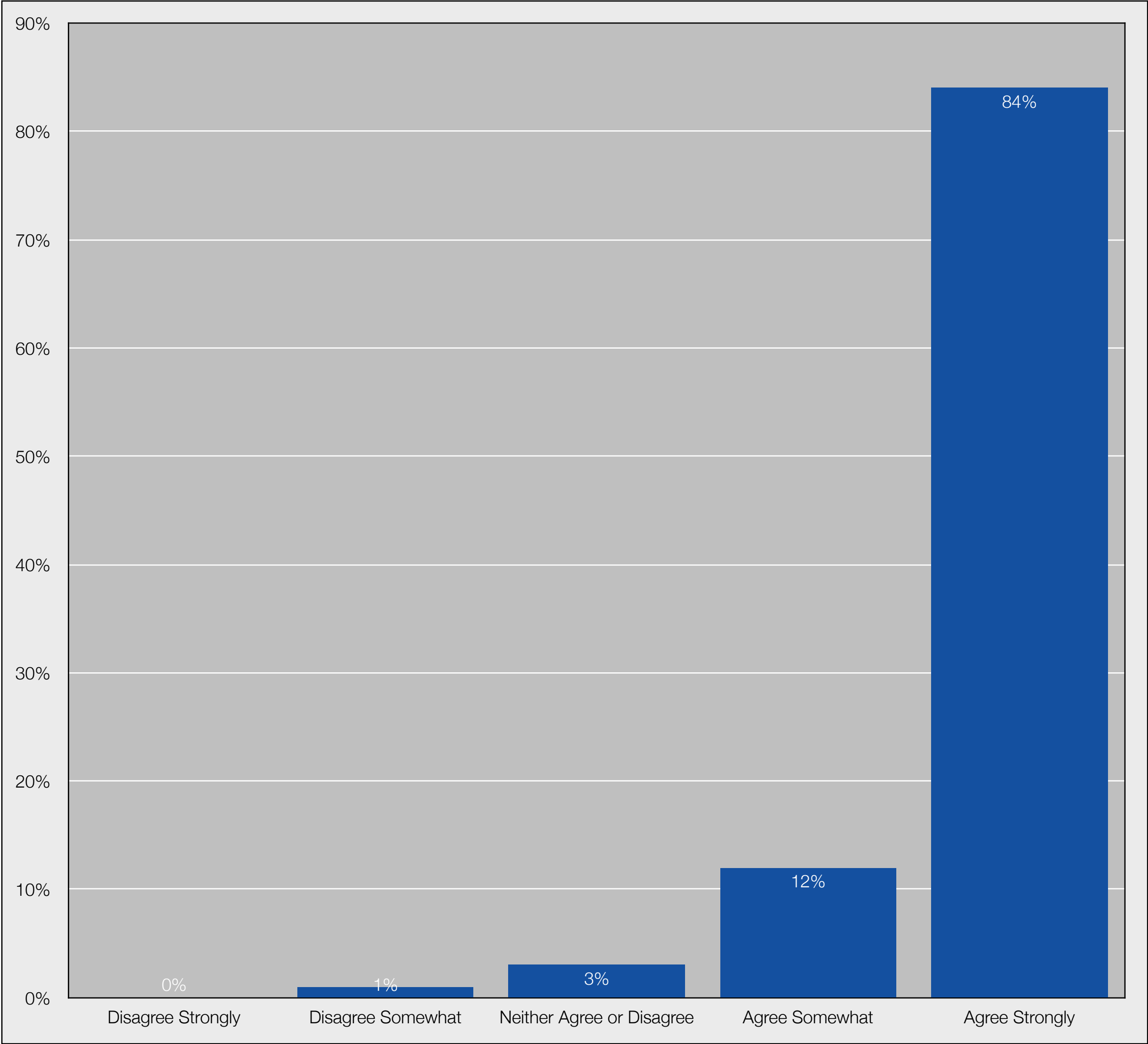


Importance to inform adult patients of benefits and risks

d) It is important to inform adult patients about the benefits and risks of adult vaccinations

96% agree it is important to inform adult patients of the benefits and risks of adult vaccinations

- 96% agree with the statement, apportioned:
 - 84% 'Agree Strongly'
 - 12% 'Agree Somewhat'
- 1% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 1% 'Disagree Somewhat'
- 3% neutral, answering 'Neither Agree or Disagree'

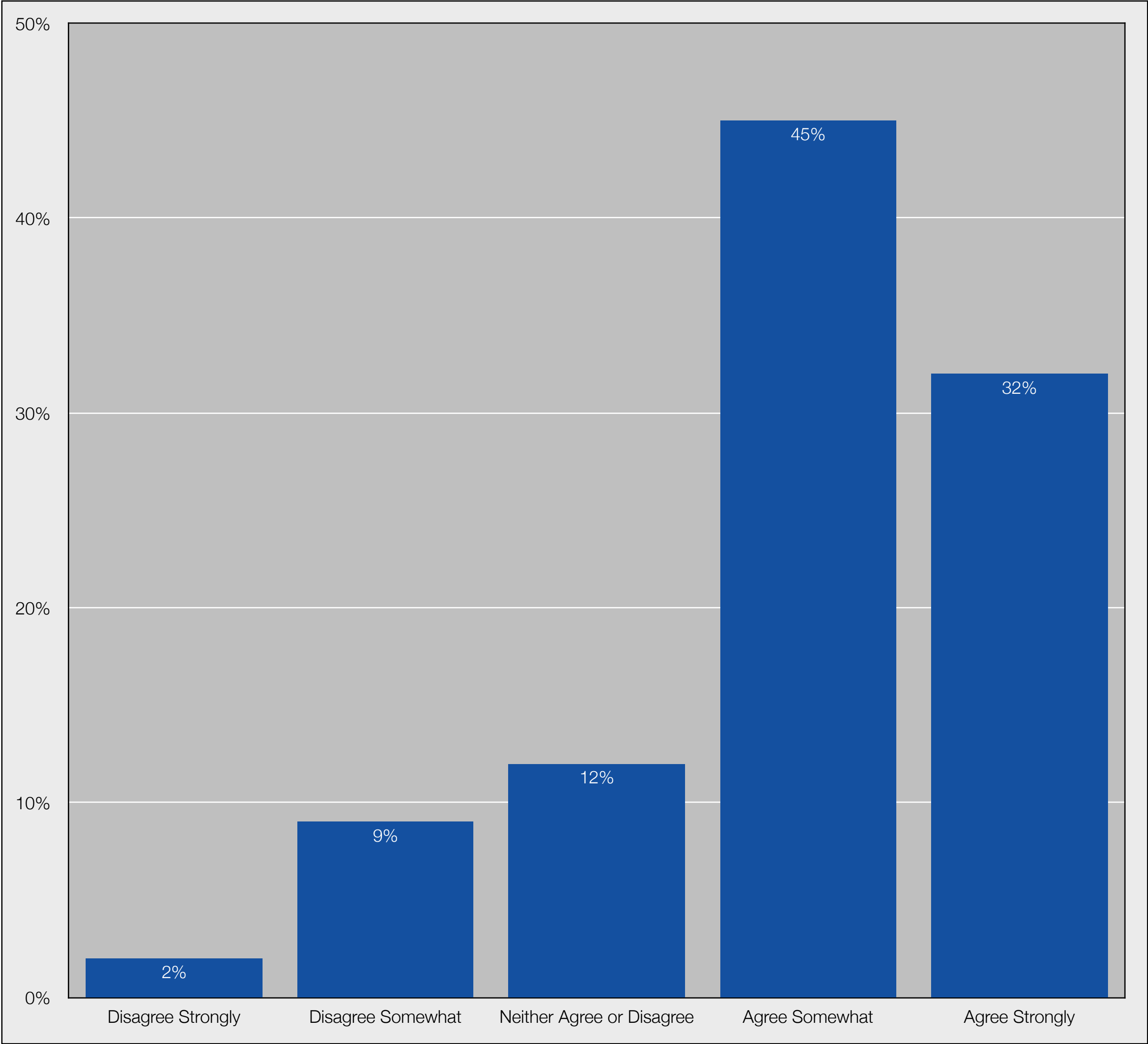


Patient encounters as an opportunity to ask about vaccination status

e) It is important to use patient encounters as an opportunity to ask about their vaccination status

77% agree patient encounters are an opportunity to ask about vaccination status

- 77% agree with the statement, apportioned:
 - 32% 'Agree Strongly'
 - 45% 'Agree Somewhat'
- 11% disagree, apportioned:
 - 2% 'Disagree Strongly'
 - 9% 'Disagree Somewhat'
- 12% neutral, answering 'Neither Agree or Disagree'

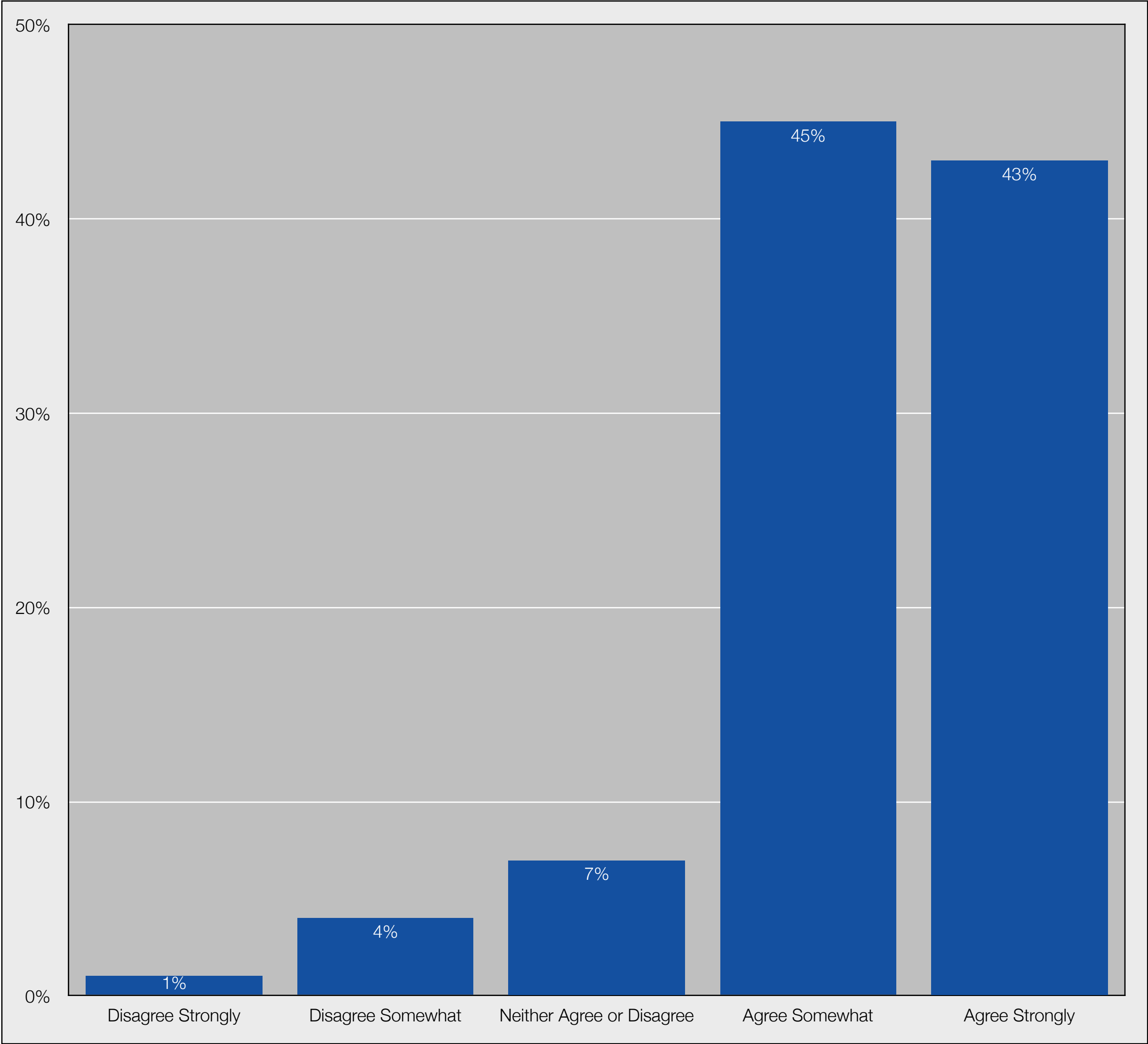


Routinely review and discuss recommended vaccines

f) I routinely review and discuss recommended vaccines with my patients who are aged 50+

88% agree they routinely review and discuss recommended vaccines with patients aged 50+

- 88% agree with the statement, apportioned:
 - 43% 'Agree Strongly'
 - 45% 'Agree Somewhat'
- 5% disagree, apportioned:
 - 1% 'Disagree Strongly'
 - 4% 'Disagree Somewhat'
- 7% neutral, answering 'Neither Agree or Disagree'

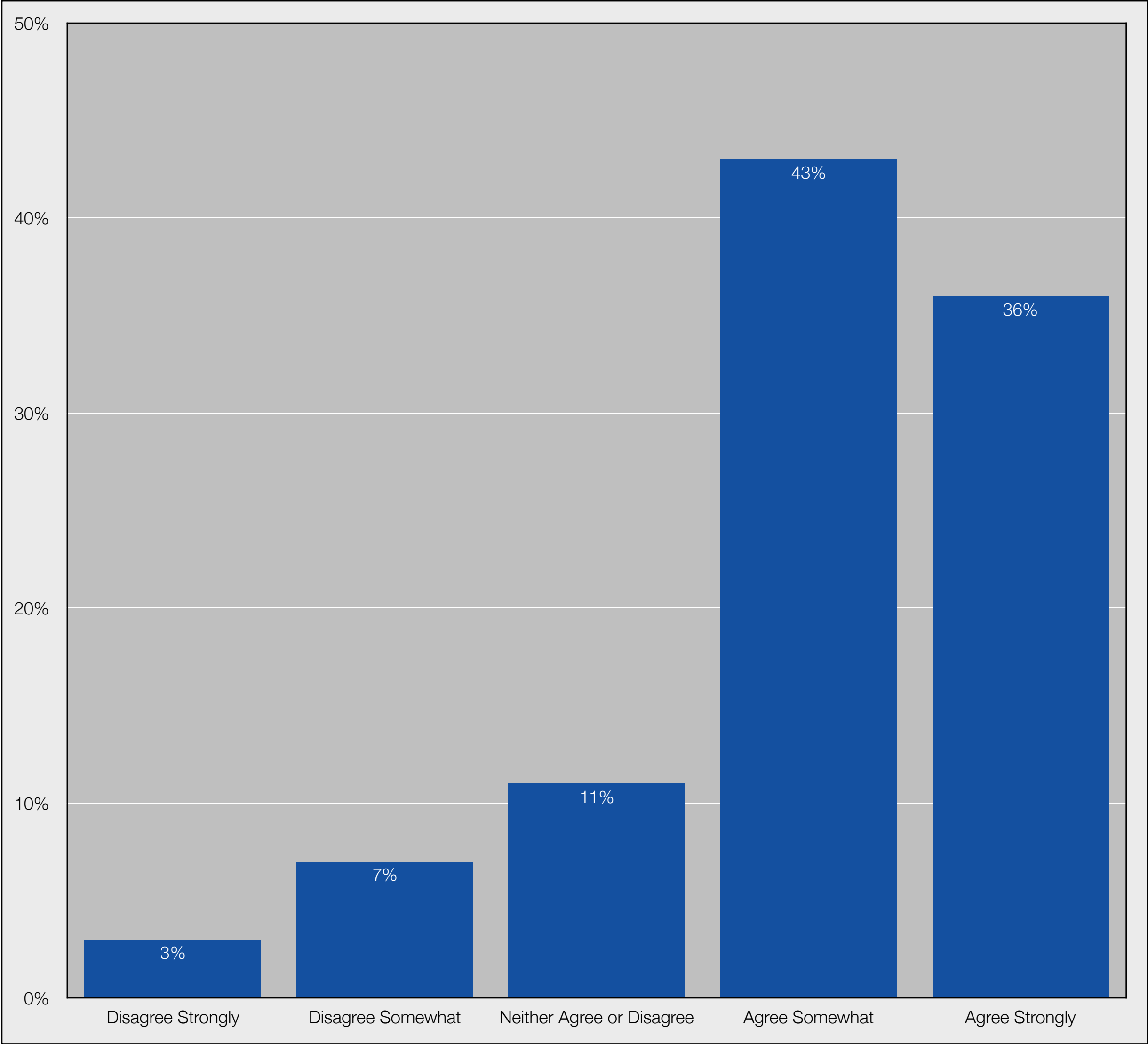


Routinely reviewing patient' vaccination status via AIR

g) I routinely review patients' vaccination status via AIR

79% agree they routinely review patients' vaccination status via AIR

- 79% agree with the statement, apportioned:
 - 36% 'Agree Strongly'
 - 43% 'Agree Somewhat'
- 10% disagree, apportioned:
 - 3% 'Disagree Strongly'
 - 7% 'Disagree Somewhat'
- 11% neutral, answering 'Neither Agree or Disagree'

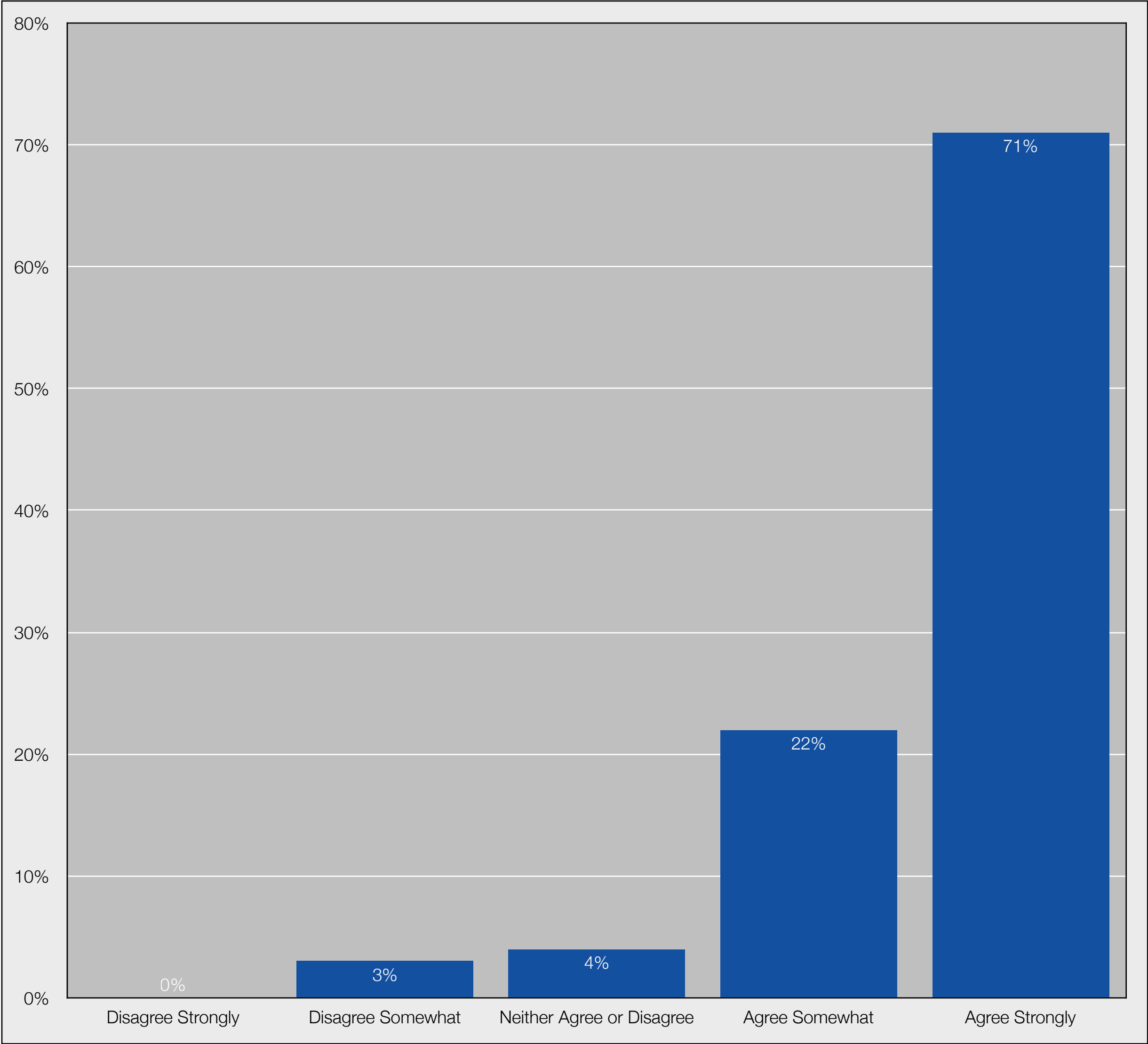


Government incentivising GP’s for every vaccine not in the NIP

h) Government incentivising GP’s for every vaccine not in the NIP would help increase interest, advocacy and delivery

93% agree government incentivising GP’s for every vaccine not in the NIP would help increase interest, advocacy and delivery

- 93% agree with the statement, apportioned:
 - 71% ‘Agree Strongly’
 - 22% ‘Agree Somewhat’
- 3% disagree, apportioned:
 - 0% ‘Disagree Strongly’
 - 3% ‘Disagree Somewhat’
- 4% neutral, answering ‘Neither Agree or Disagree’

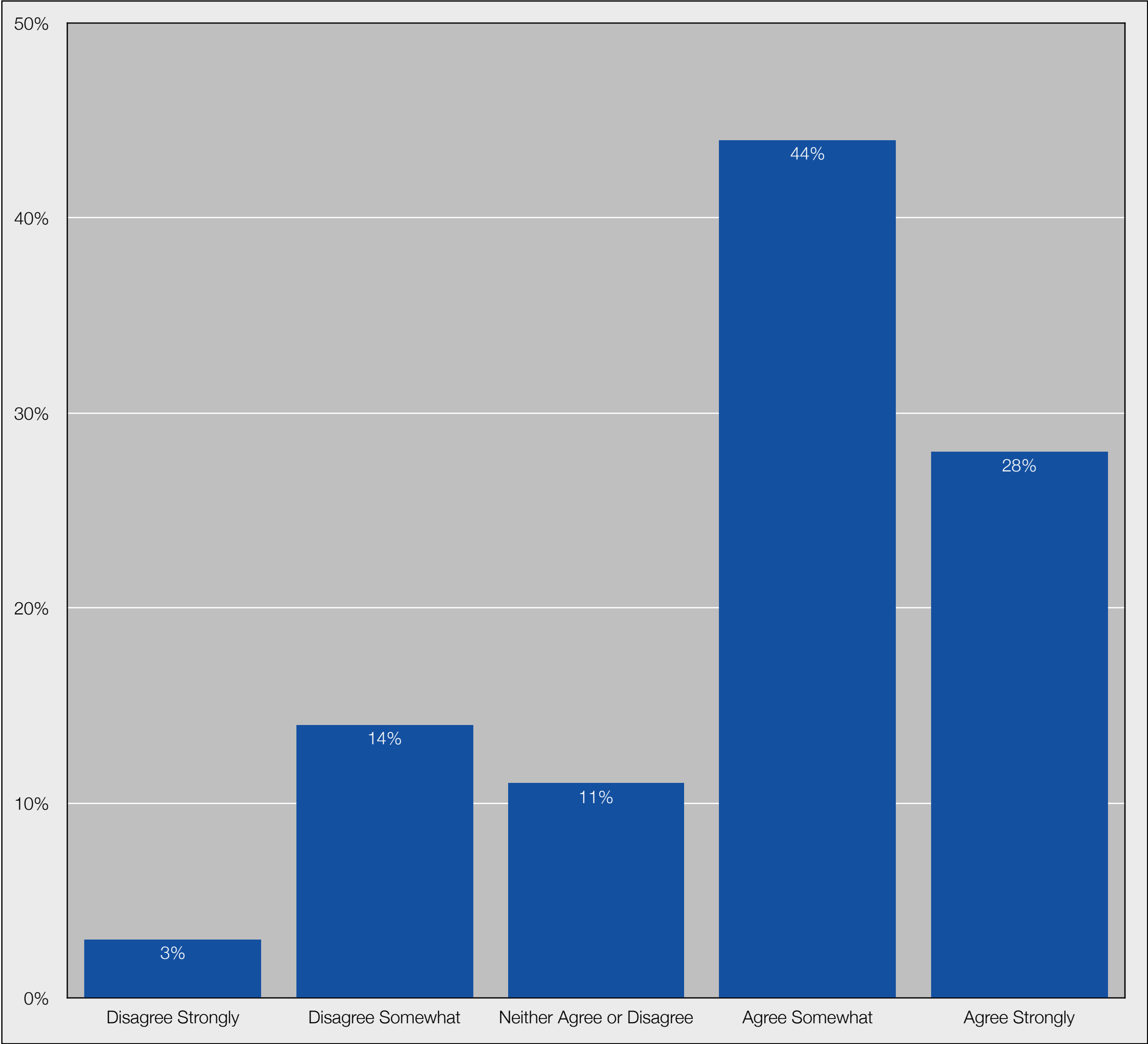


Patients respond positively to raising issue of adult vaccination

i) My patients respond positively if I raise the issue of adult vaccines during a consultation for something else

72% agree patients respond positively to raising the issue of adult vaccines during consultations for something else

- 72% agree with the statement, apportioned:
 - 28% 'Agree Strongly'
 - 44% 'Agree Somewhat'
- 17% disagree, apportioned:
 - 3% 'Disagree Strongly'
 - 14% 'Disagree Somewhat'
- 11% neutral, answering 'Neither Agree or Disagree'



Barriers patients have reported in relation to receiving vaccines

2. What are the barriers your patients have reported in relation to receiving vaccines?

What are the barriers your patients have reported in relation to receiving vaccines?

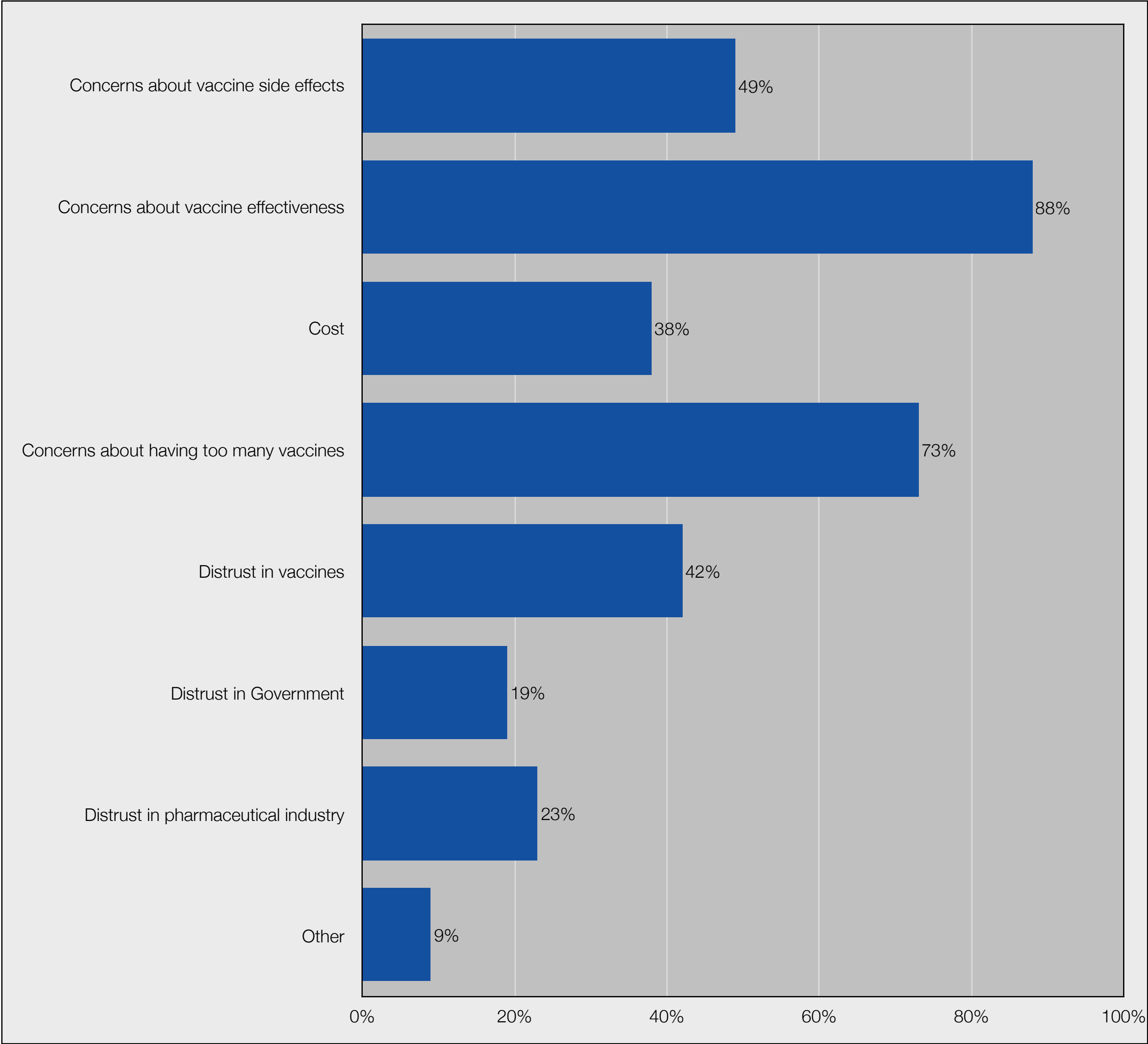
- a) Concerns about vaccine side effects
- b) Concerns about vaccine effectiveness
- c) Cost
- d) Concerns about having too many vaccines
- e) Distrust in vaccines
- f) Distrust in Government
- g) Distrust in pharmaceutical industry
- h) Other (Please Specify)

Barriers patients have reported in relation to receiving vaccines

2. What are the barriers your patients have reported in relation to receiving vaccines?

Barriers patients have reported in relation to receiving vaccines

- 49% of responses were for ‘Concerns about vaccine side effects’
- 88% ‘Concerns about vaccine effectiveness’
- 38% ‘Cost’
- 73% ‘Concerns about having too many vaccines’
- 42% ‘Distrust in vaccines’
- 19% ‘Distrust in Government’
- 23% ‘Distrust in pharmaceutical industry’
- 9% ‘Other’

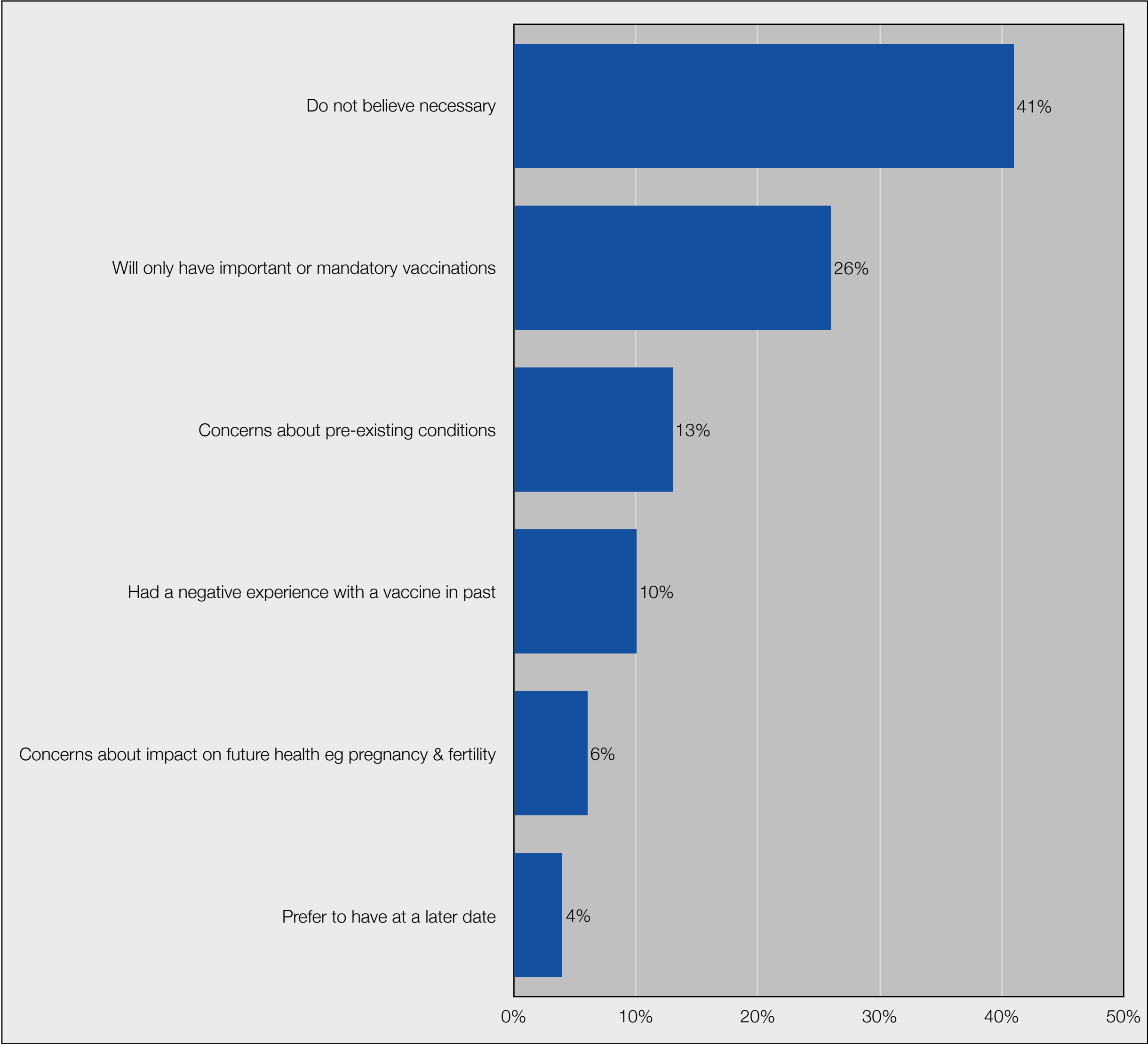


'Other' barriers patients have reported in relation to receiving vaccines

2. What are the barriers your patients have reported in relation to receiving vaccines?

'Other' barriers patients have reported in relation to receiving vaccines

- 41% of 'Other' responses were for 'Do not believe necessary'
- 26% 'Will only have important or mandatory vaccinations'
- 13% 'Concerns about pre-existing conditions'
- 10% 'Had a negative experience with a vaccine in past'
- 6% 'Concerns about future health eg pregnancy & fertility'
- 4% 'Prefer to have at a later date'



Barriers to recommending vaccines to patients

3. What are the barriers to recommending vaccines to patients?

What are the barriers to recommending vaccines to patients?

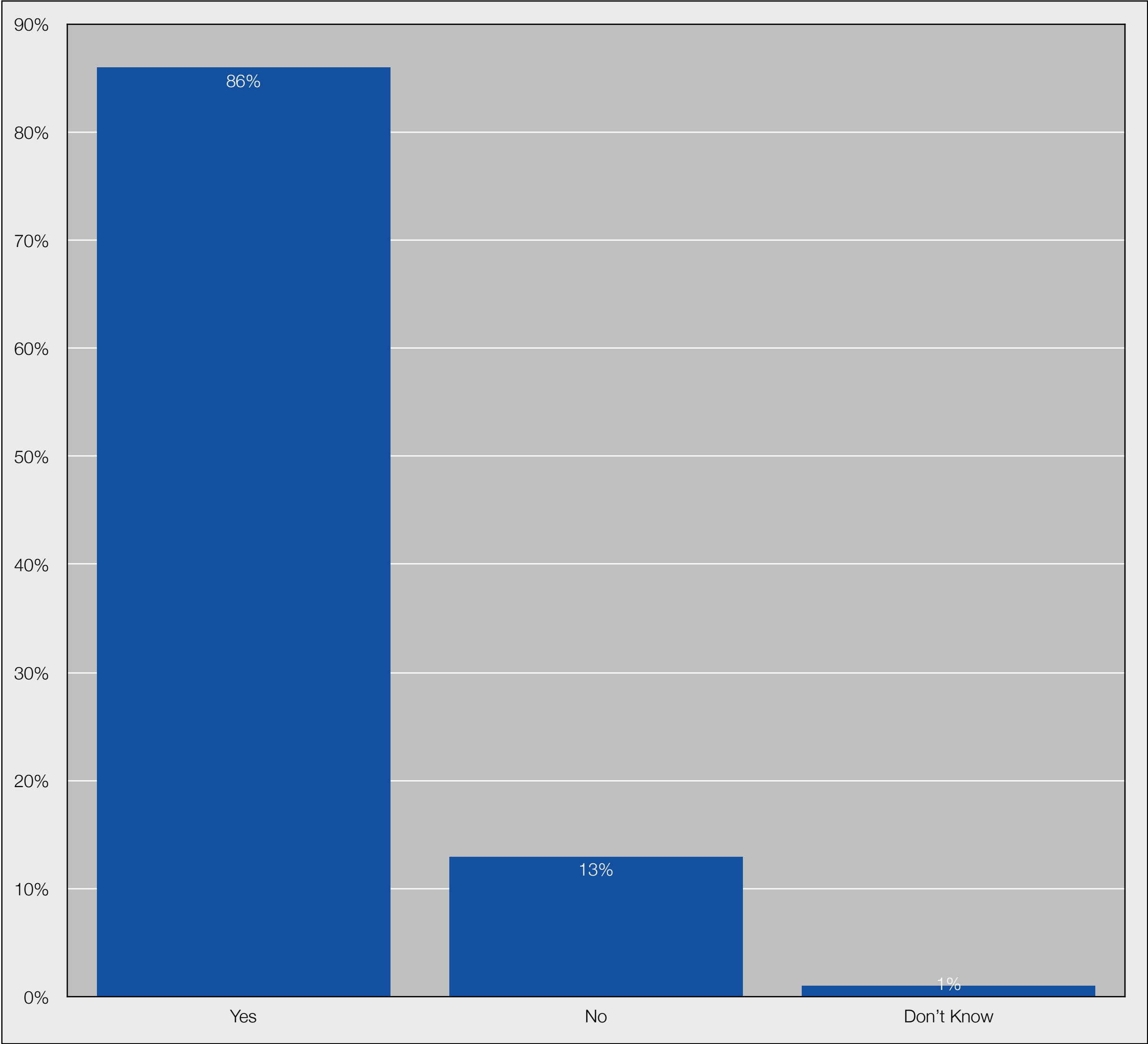
- a) Not enough time during consultations
- b) Cost of vaccines
- c) It is difficult to keep track of adult patients' vaccination status
- d) Patients unlikely to agree
- e) Patients think that unfunded vaccines are not important
- f) I don't know enough about the vaccines
- g) I don't feel confident about recommending the vaccines
- h) It is difficult to keep up with vaccination recommendations for adults
- i) I do not have adequate storage facilities to provide adult vaccines
- j) I am not sufficiently reimbursed to make offering unfunded adult immunisation worthwhile

Not enough time during consultations

a) Not enough time during consultations

86% answered not enough time during consultations

- 86% answered 'Yes'
- 13% 'No'
- 1% 'Don't Know'

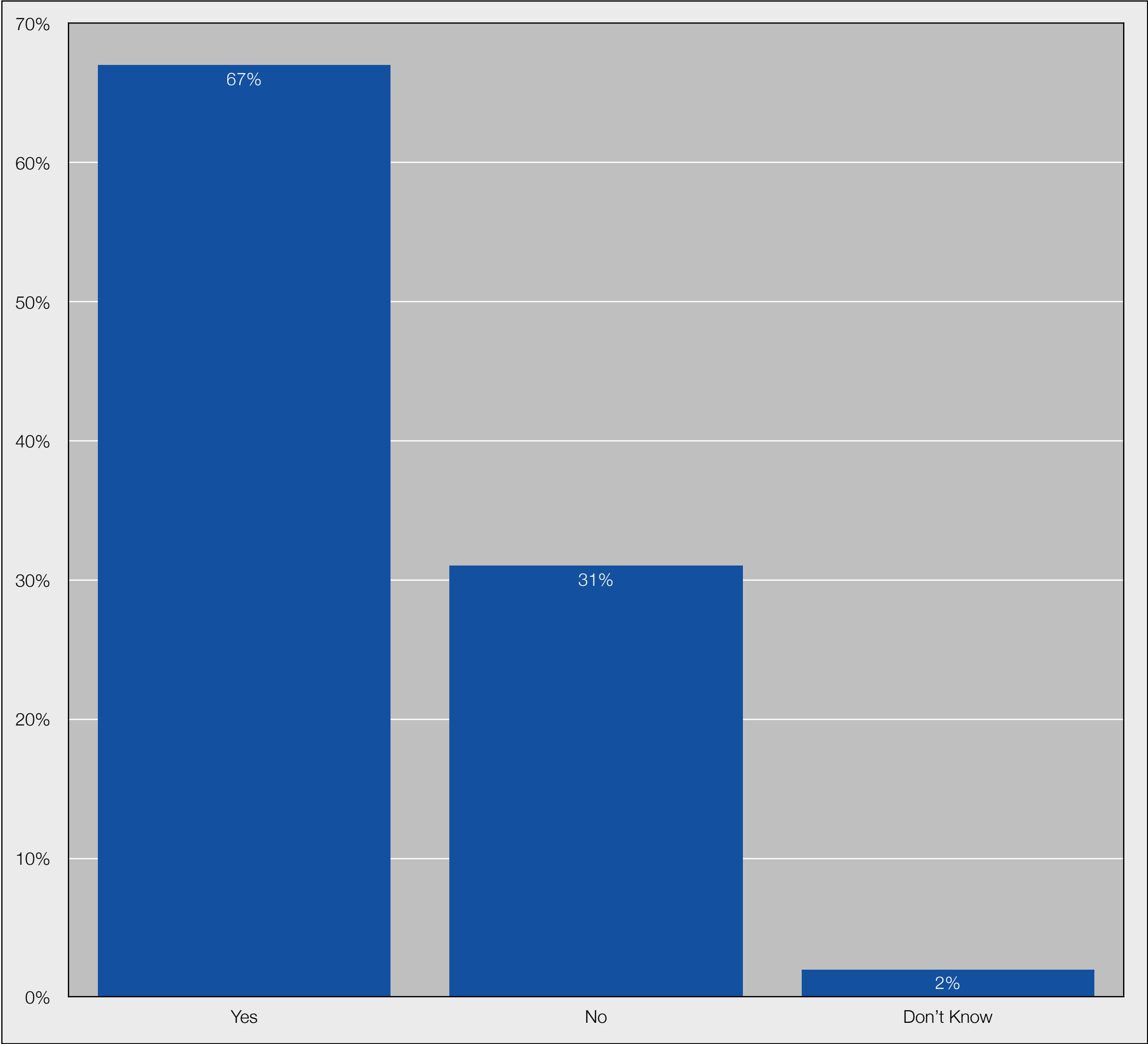


Cost of vaccines vaccines

b) Cost of vaccines

67% answered cost of vaccines

- 67% answered 'Yes'
- 31% 'No'
- 2% 'Don't Know'

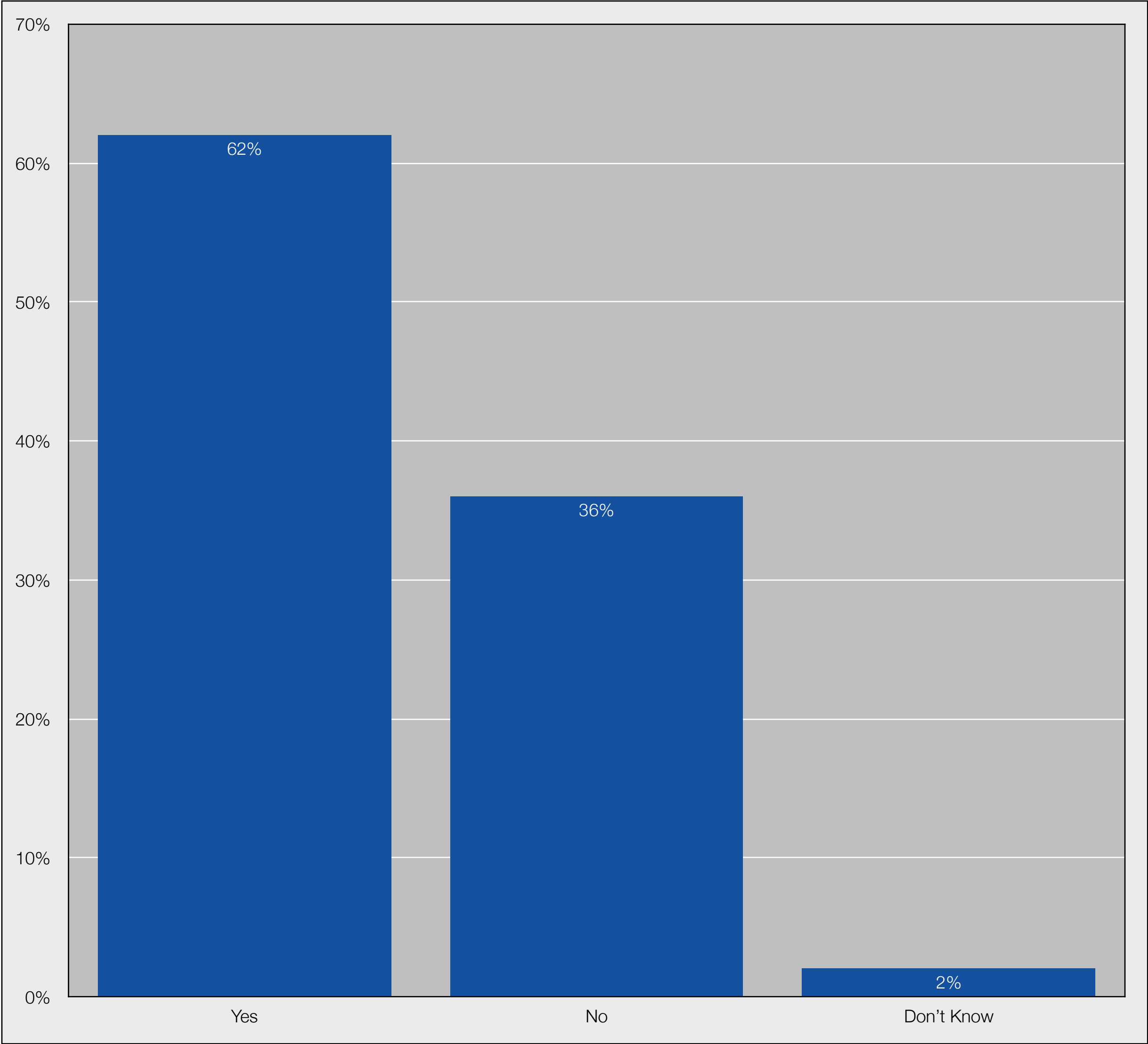


It is difficult to keep track of adult patients' vaccination status

c) It is difficult to keep track of adult patients' vaccination status

62% answered it is difficult to keep track of adult patients' vaccination status

- 62% answered 'Yes'
- 36% 'No'
- 2% 'Don't Know'

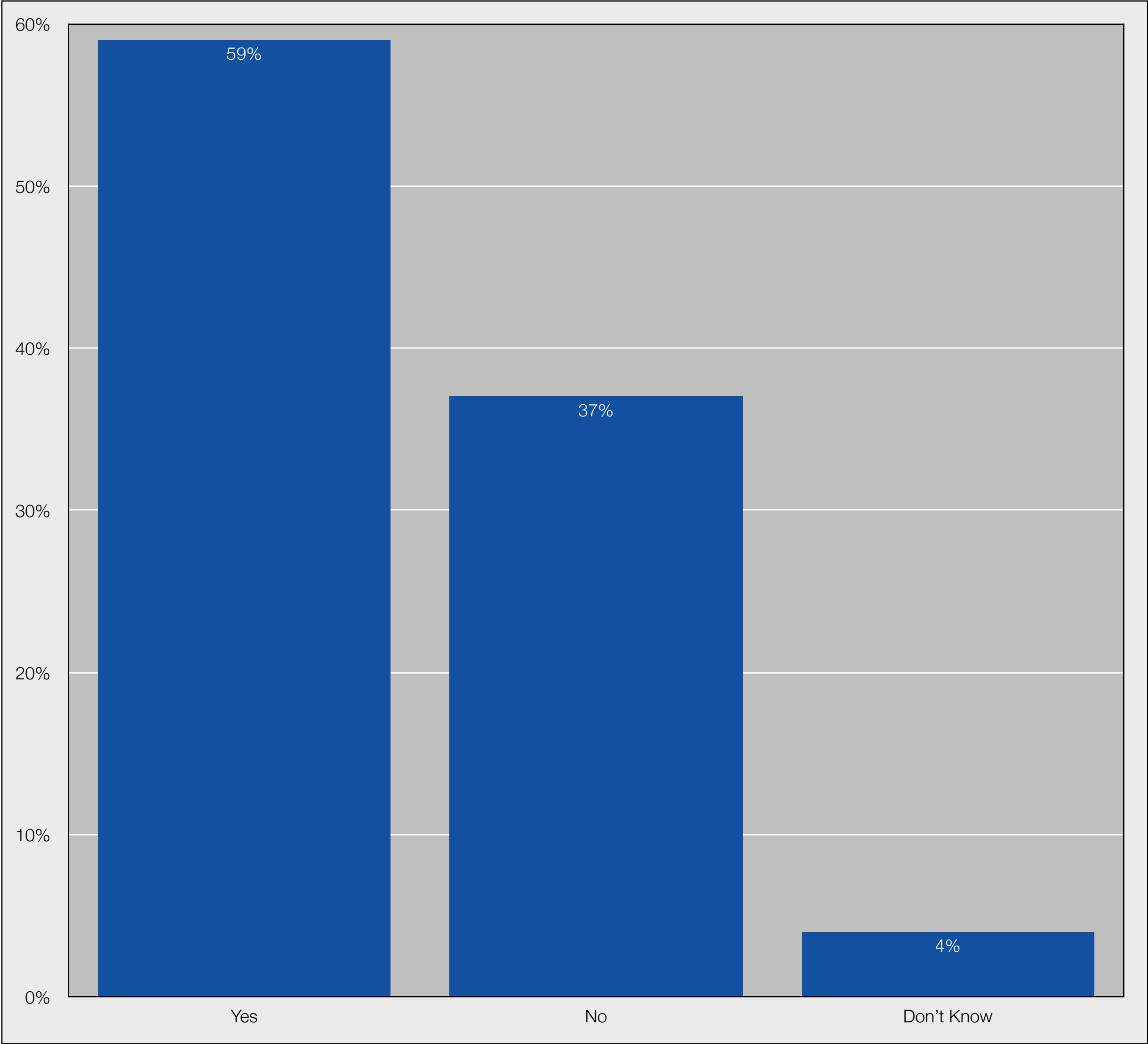


Patients unlikely to agree

d) Patients unlikely to agree

59% answered patients unlikely to agree

- 59% answered 'Yes'
- 37% 'No'
- 4% 'Don't Know'

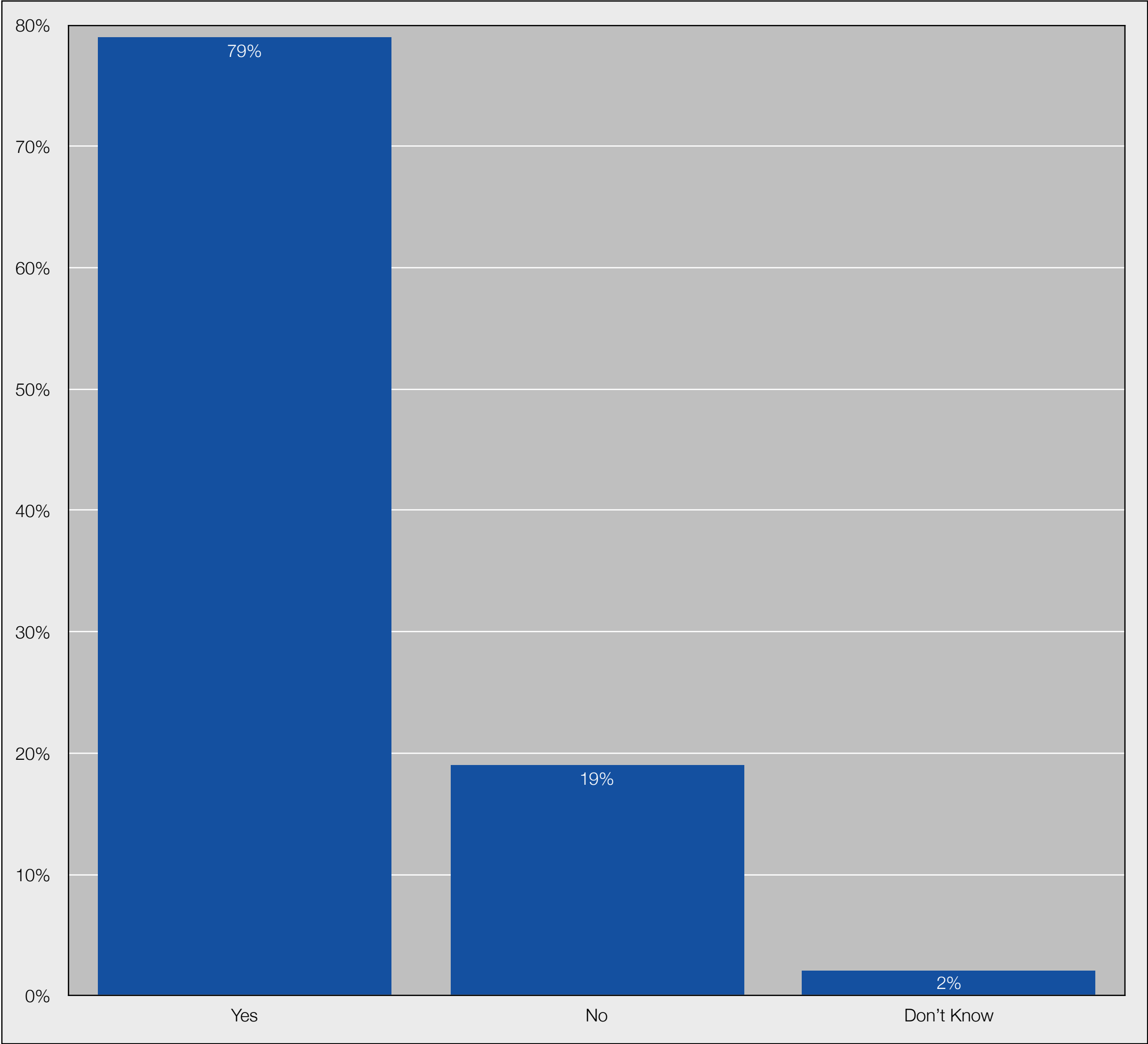


Patients think that unfunded vaccines are not important

e) Patients think that unfunded vaccines are not important

79% answered Patients think that unfunded vaccines are not important

- 79% answered 'Yes'
- 19% 'No'
- 2% 'Don't Know'

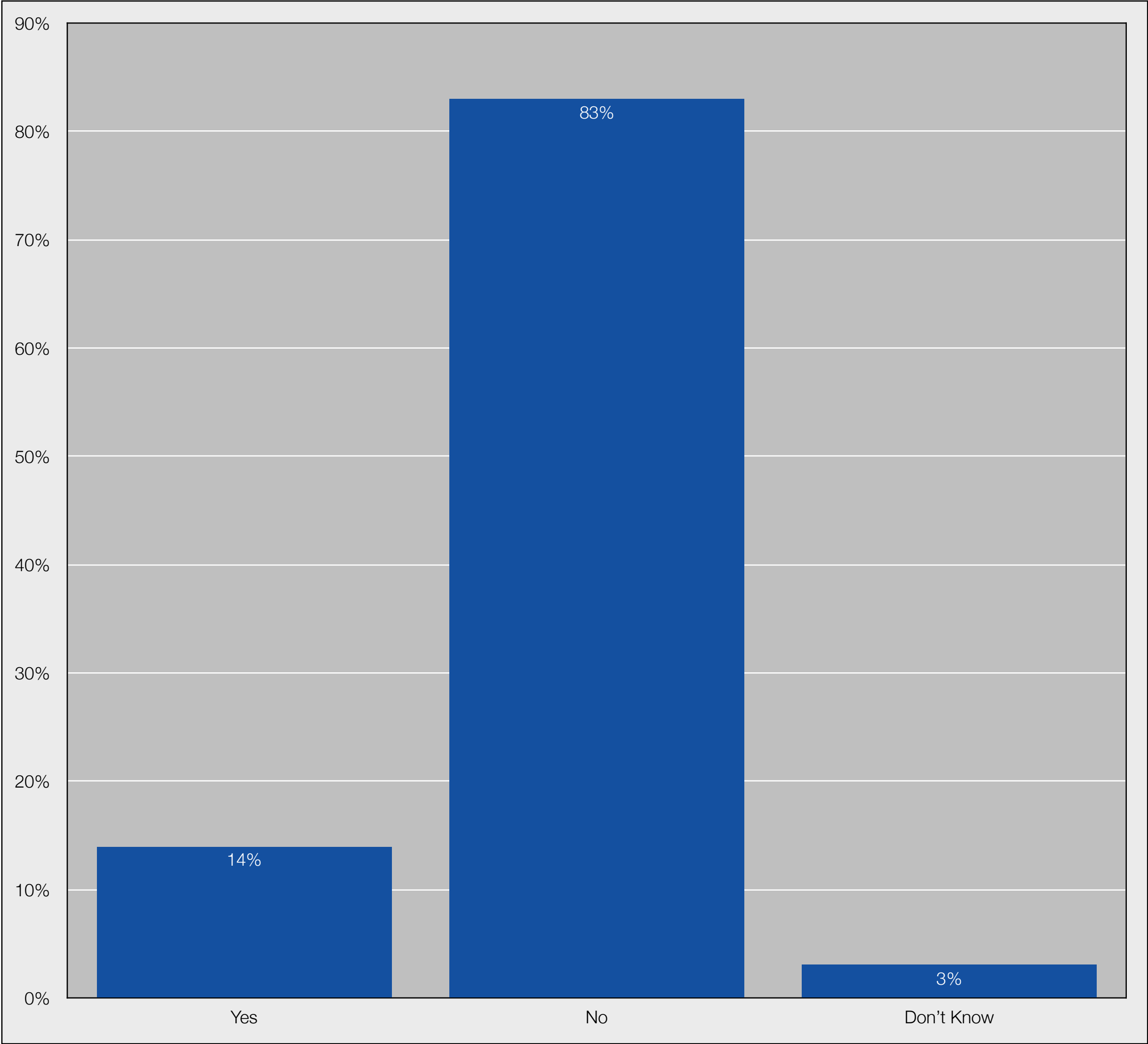


I don't know enough about the vaccines

f) I don't know enough about the vaccines

14% answered I don't know enough about the vaccines

- 14% answered 'Yes'
- 83% 'No'
- 3% 'Don't Know'

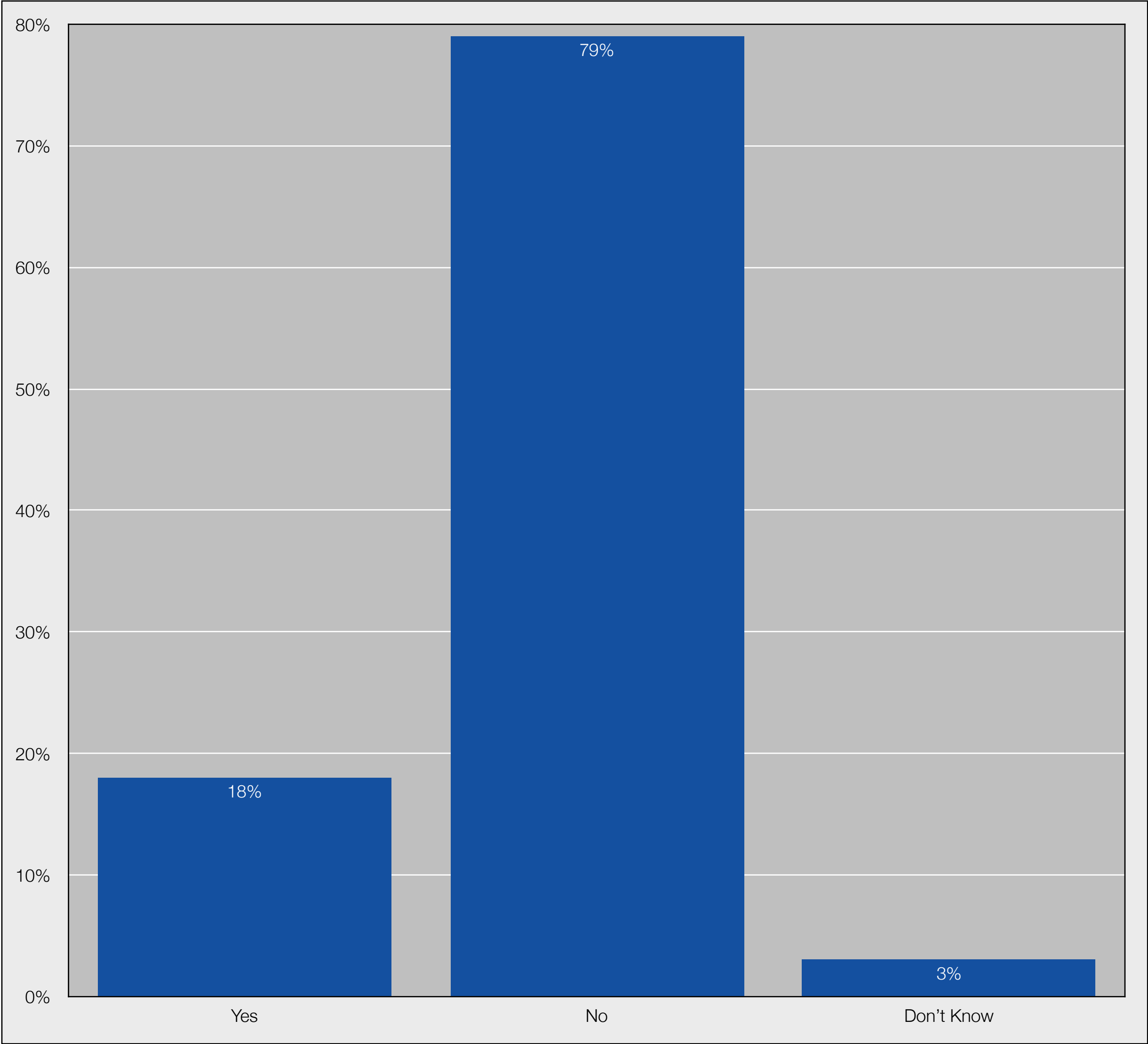


I don't feel confident about recommending the vaccines

g) I don't feel confident about recommending the vaccines

18% answered I don't feel confident about recommending the vaccines

- 18% answered 'Yes'
- 79% 'No'
- 3% 'Don't Know'

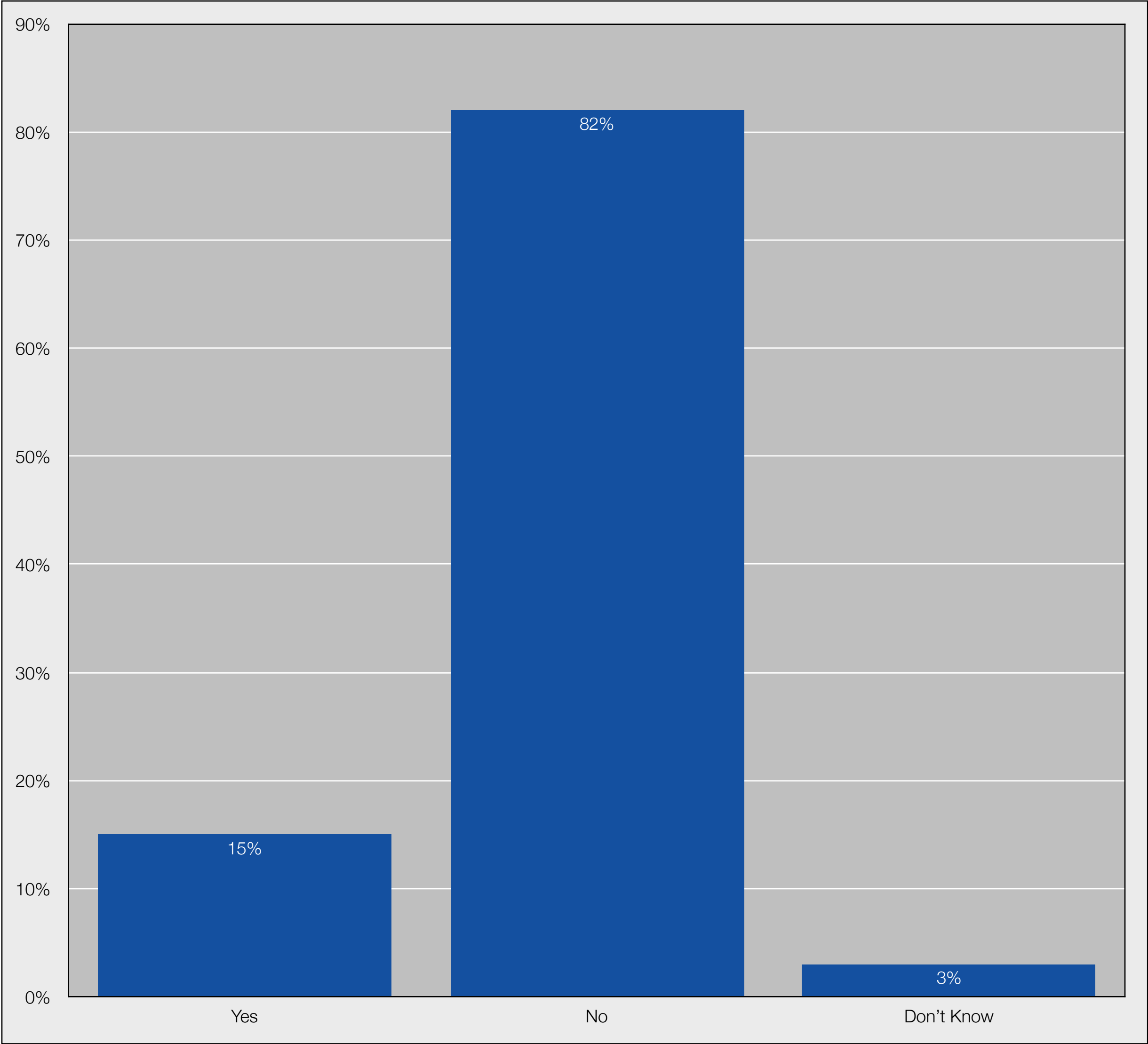


It is difficult to keep up with vaccination recommendations for adults

h) It is difficult to keep up with vaccination recommendations for adults

15% answered it is difficult to keep up with vaccination recommendations for adults

- 15% answered 'Yes'
- 82% 'No'
- 3% 'Don't Know'

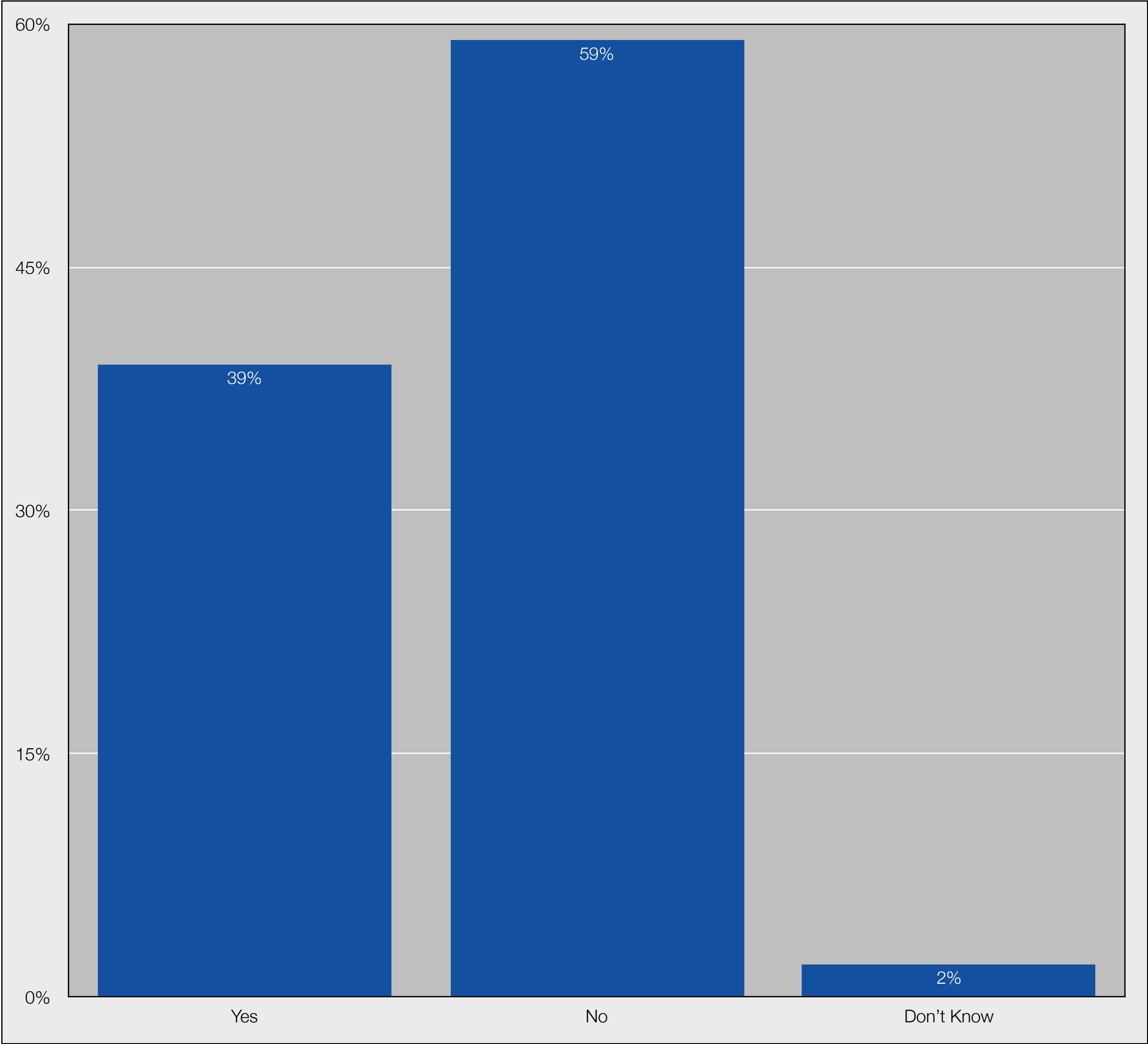


I do not have adequate storage facilities to provide adult vaccines

i) I do not have adequate storage facilities to provide adult vaccines

39% answered I do not have adequate storage facilities to provide adult vaccines

- 39% answered 'Yes'
- 59% 'No'
- 2% 'Don't Know'

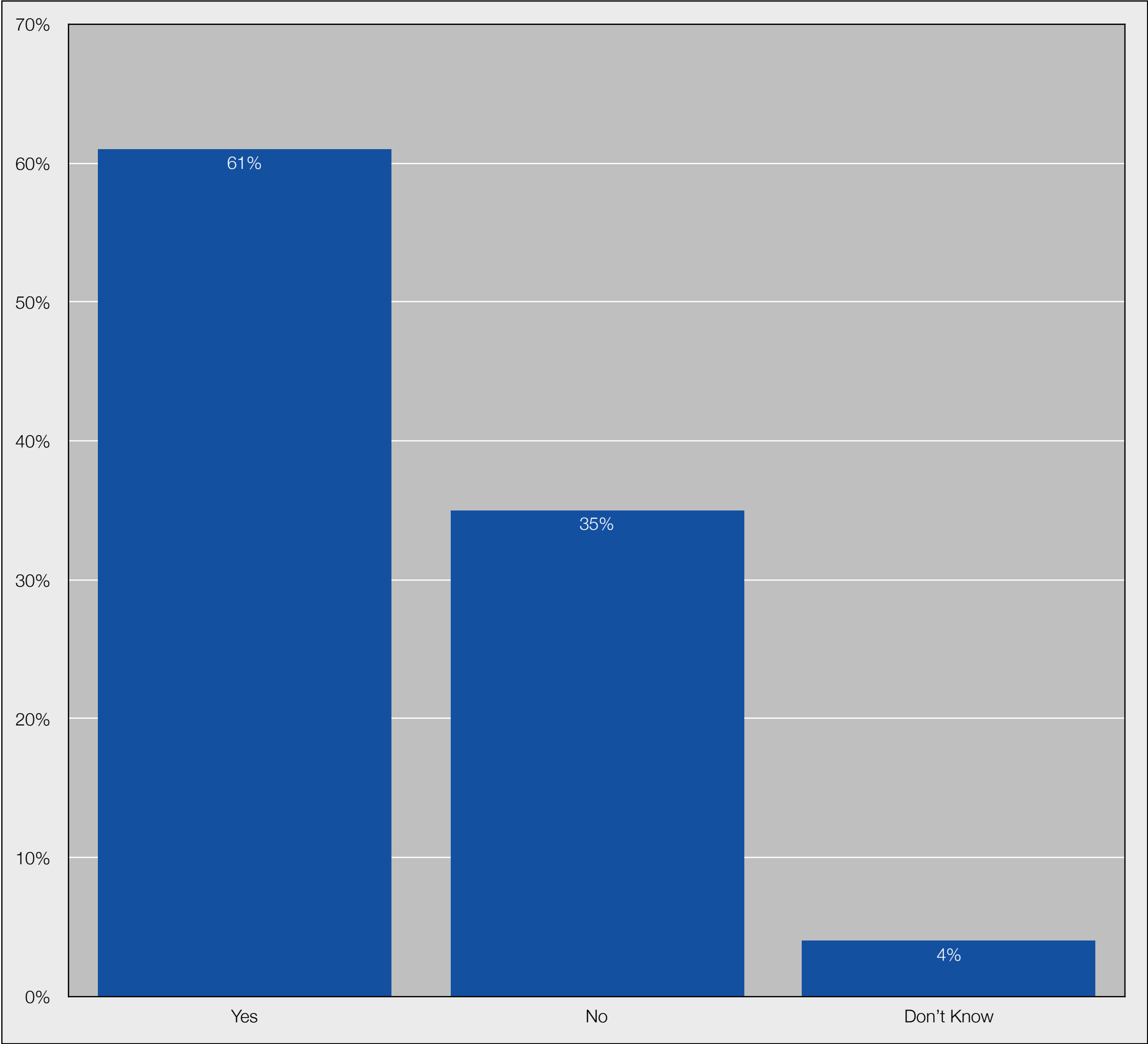


I am not sufficiently reimbursed to make offering unfunded adult immunisation worthwhile

j) I am not sufficiently reimbursed to make offering unfunded adult immunisation worthwhile

61% answered I am not sufficiently reimbursed to make offering unfunded adult immunisation worthwhile

- 61% answered 'Yes'
- 35% 'No'
- 4% 'Don't Know'

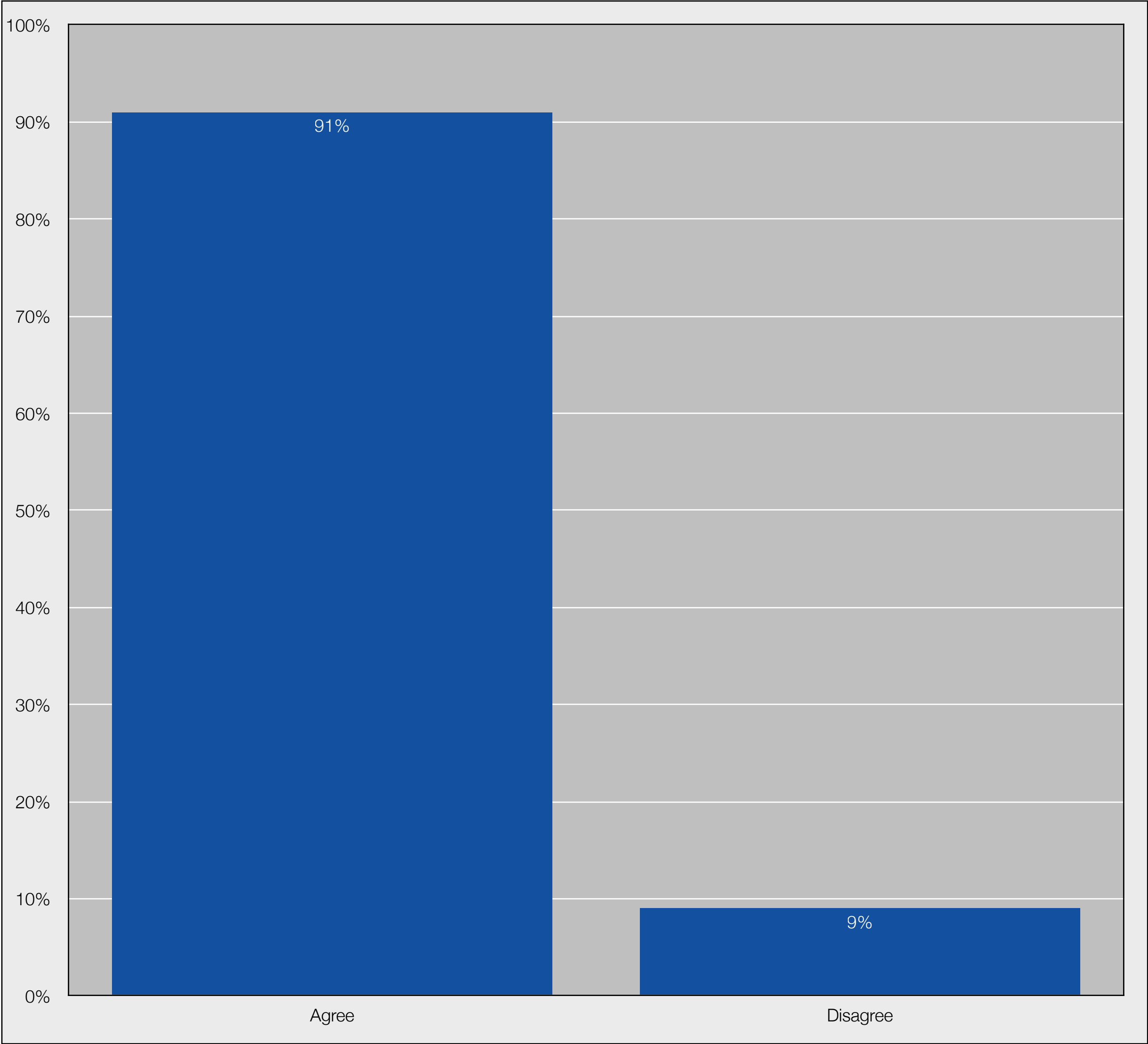


I have a system in my practice to identify adults who have not received recommended vaccines

4. I have a system in my practice to identify adults who have not received recommended vaccines.

91% answered I have a system in my practice to identify adults who have not received recommended vaccines

- 91% answered 'Agree'
- 9% 'Disagree'



Infections/diseases can have an important impact on the health of adults

5. Do you believe the following infections/diseases can have an important impact on the health of adults?

Do you believe the following infections/diseases can have an important impact on the health of adults?

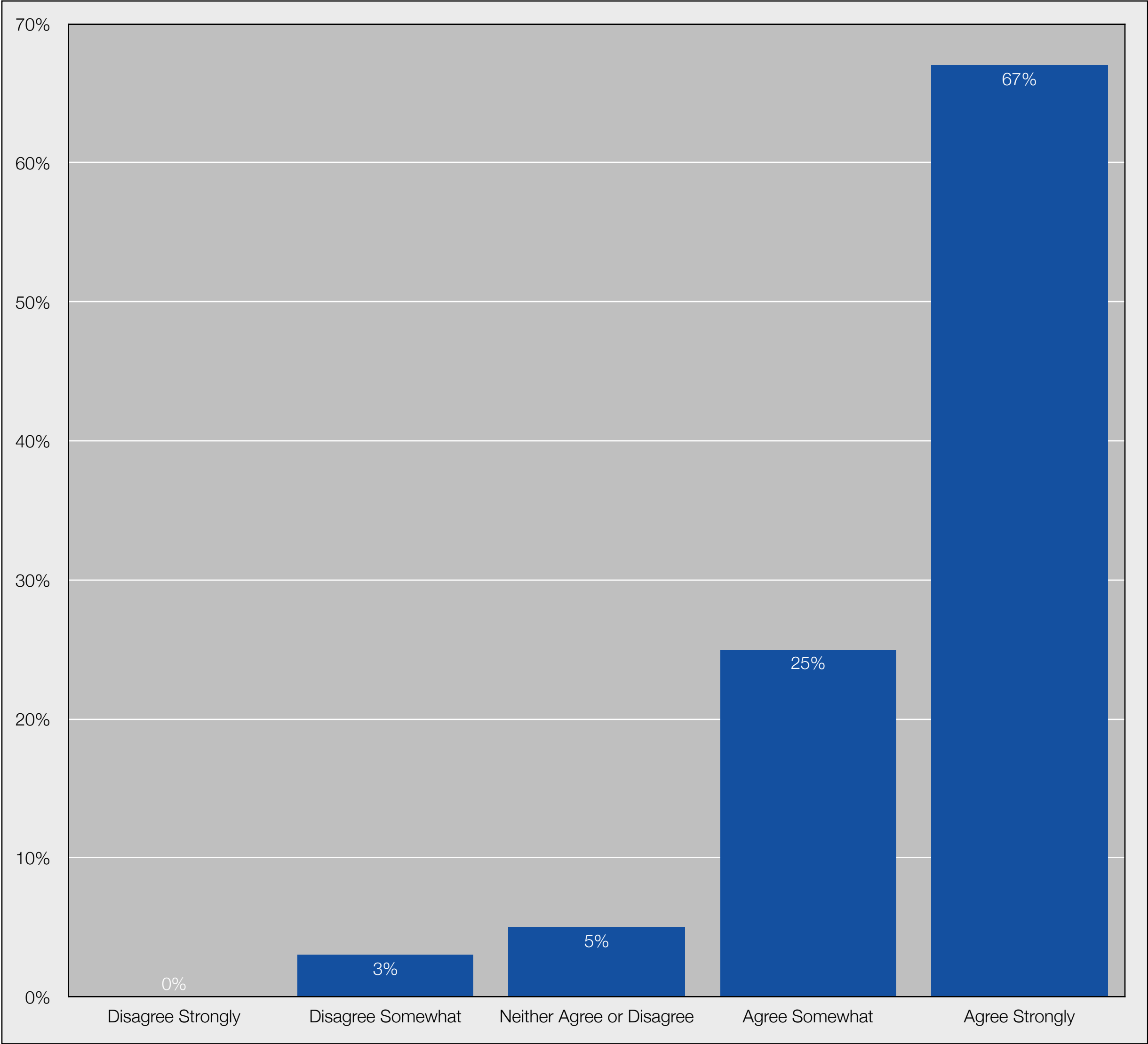
- a) Influenza
- b) Pertussis
- c) Shingles
- d) Pneumococcal

Influenza & important impact on the health of adults

a) Influenza

92% agree Influenza can have an important impact on the health of adults

- 92% agree with the statement, apportioned:
 - 67% 'Agree Strongly'
 - 25% 'Agree Somewhat'
- 3% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 3% 'Disagree Somewhat'
- 5% neutral, answering 'Neither Agree or Disagree'

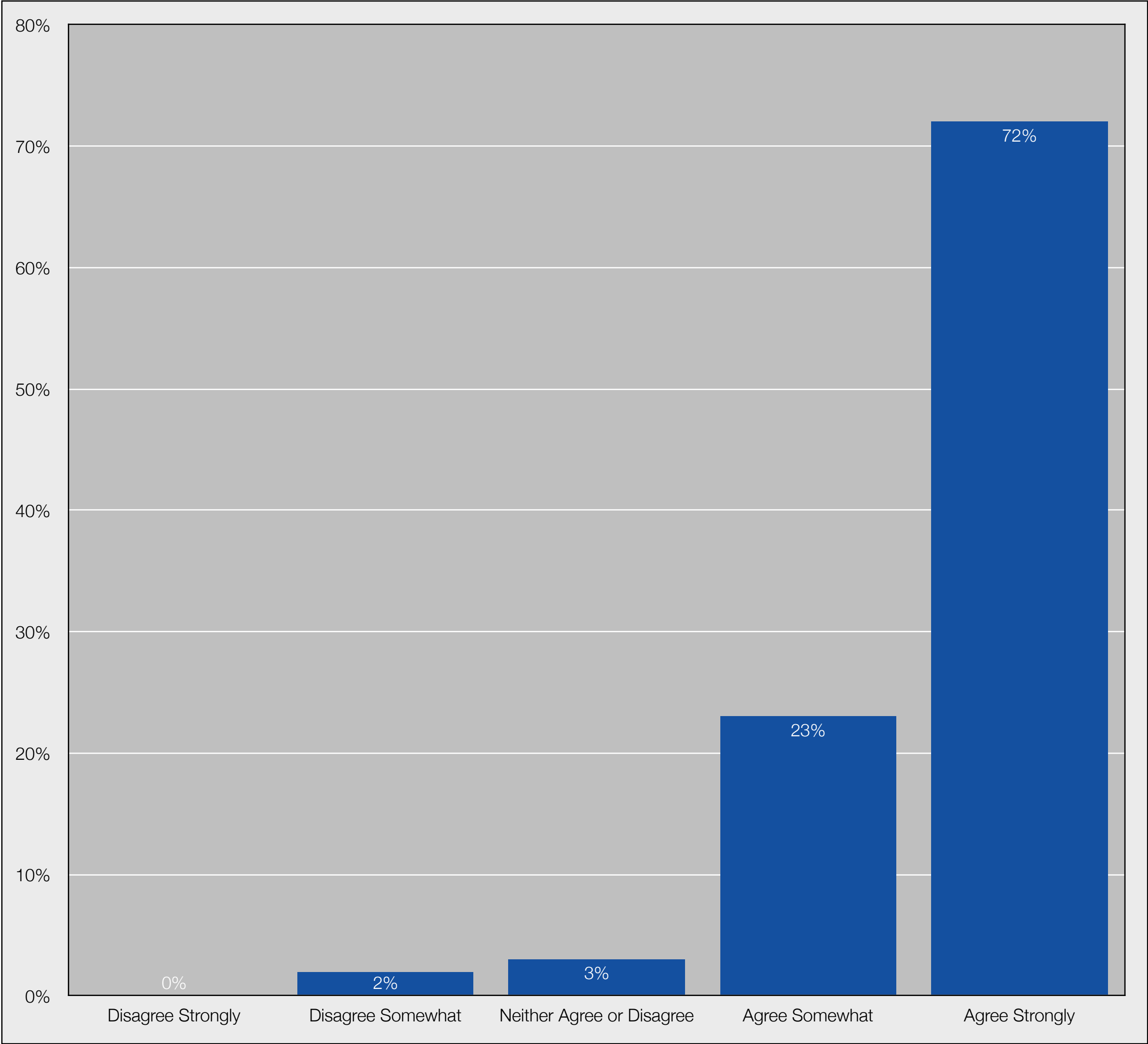


Pertussis & important impact on the health of adults

b) Pertussis

95% agree Pertussis can have an important impact on the health of adults

- 95% agree with the statement, apportioned:
 - 72% 'Agree Strongly'
 - 23% 'Agree Somewhat'
- 2% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 2% 'Disagree Somewhat'
- 3% neutral, answering 'Neither Agree or Disagree'

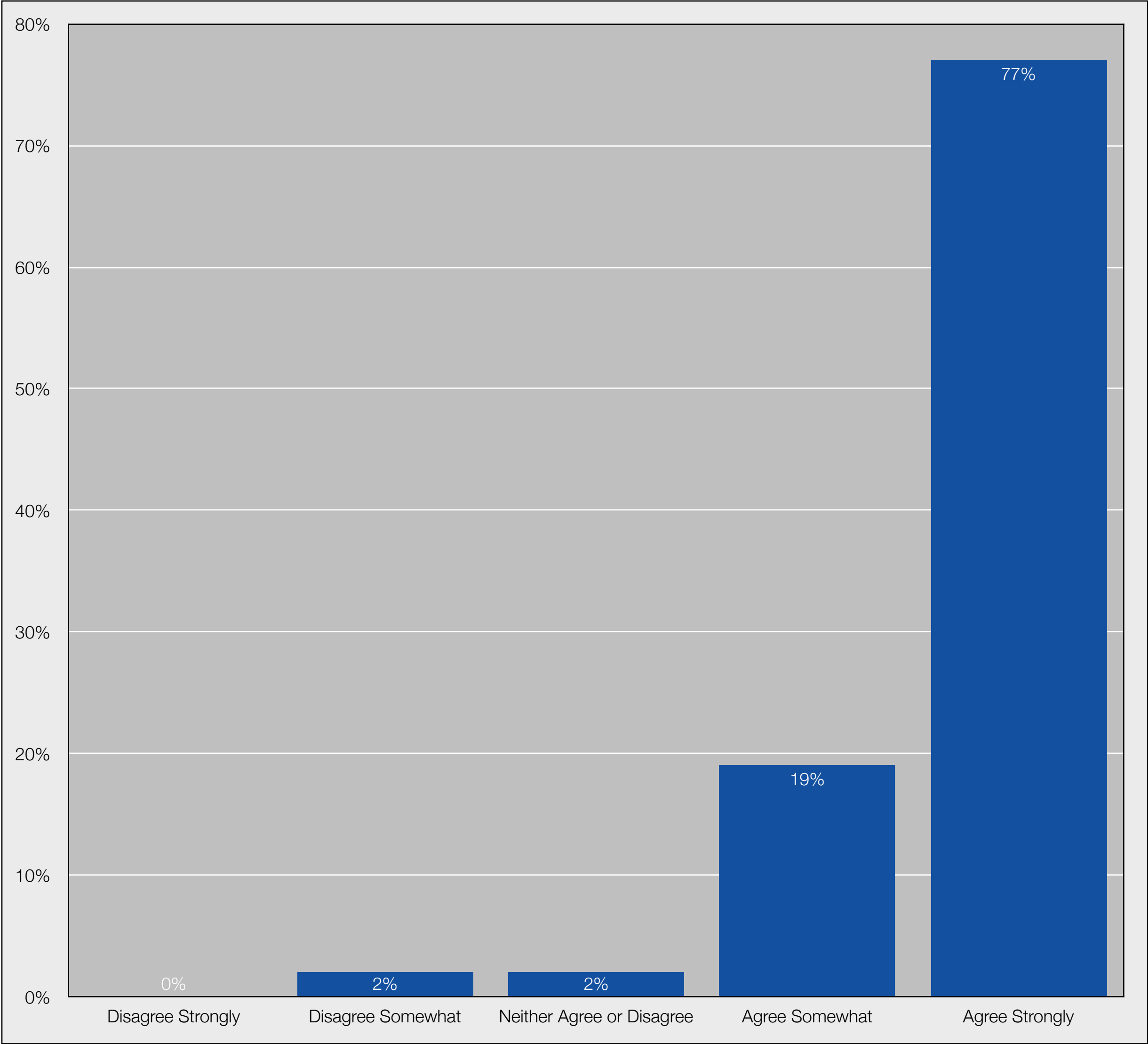


Shingles & important impact on the health of adults

c) Shingles

96% agree Shingles can have an important impact on the health of adults

- 96% agree with the statement, apportioned:
 - 77% 'Agree Strongly'
 - 19% 'Agree Somewhat'
- 2% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 2% 'Disagree Somewhat'
- 2% neutral, answering 'Neither Agree or Disagree'

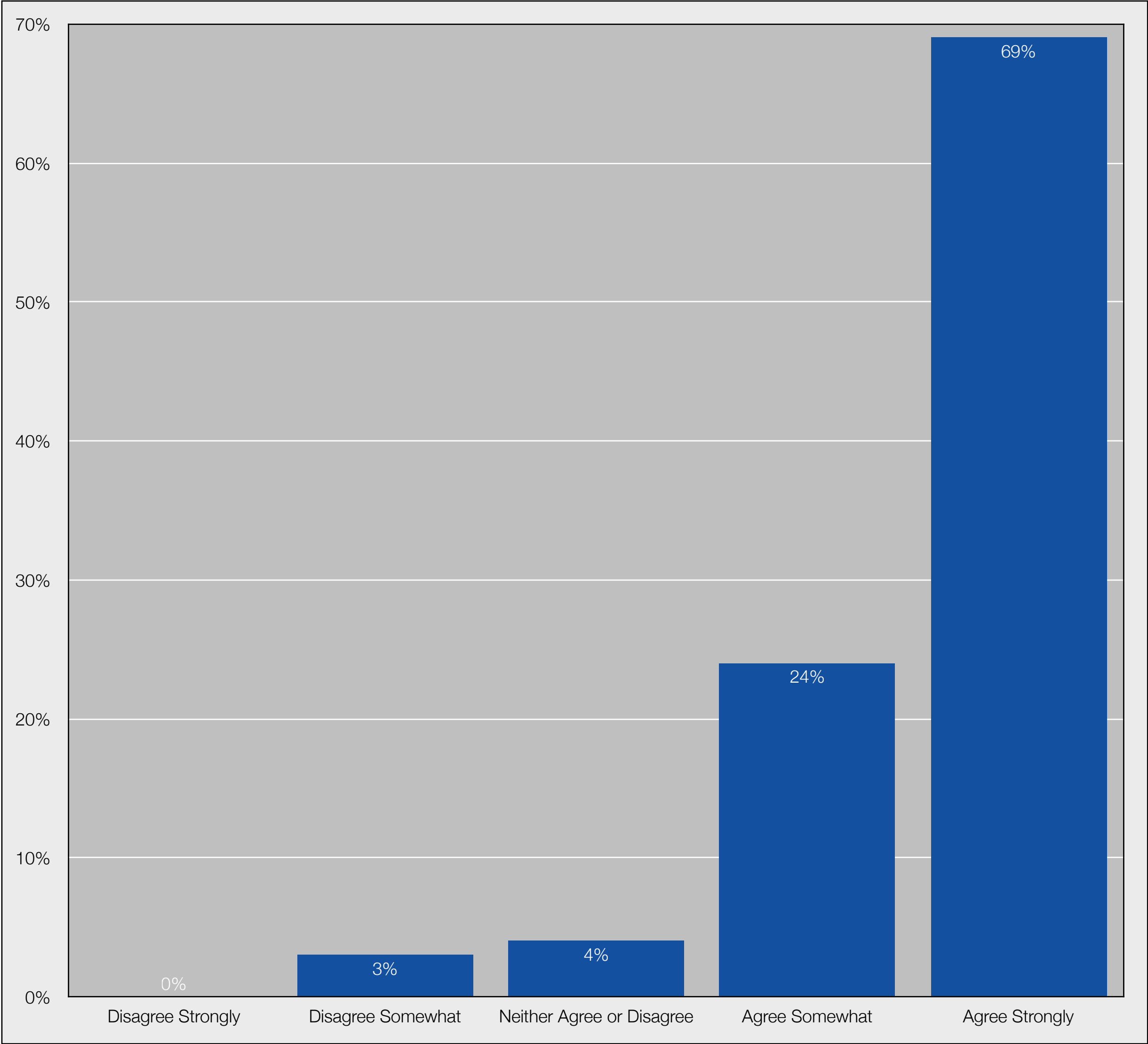


Pneumococcal & important impact on the health of adults

d) Pneumococcal

93% agree Pneumococcal can have an important impact on the health of adults

- 93% agree with the statement, apportioned:
 - 69% 'Agree Strongly'
 - 24% 'Agree Somewhat'
- 3% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 3% 'Disagree Somewhat'
- 4% neutral, answering 'Neither Agree or Disagree'



Infections/diseases can be prevented by an adult vaccination

6. Do you believe the following infections/diseases can be prevented by an adult vaccine?

Do you believe the following infections/diseases can be prevented by an adult vaccine?

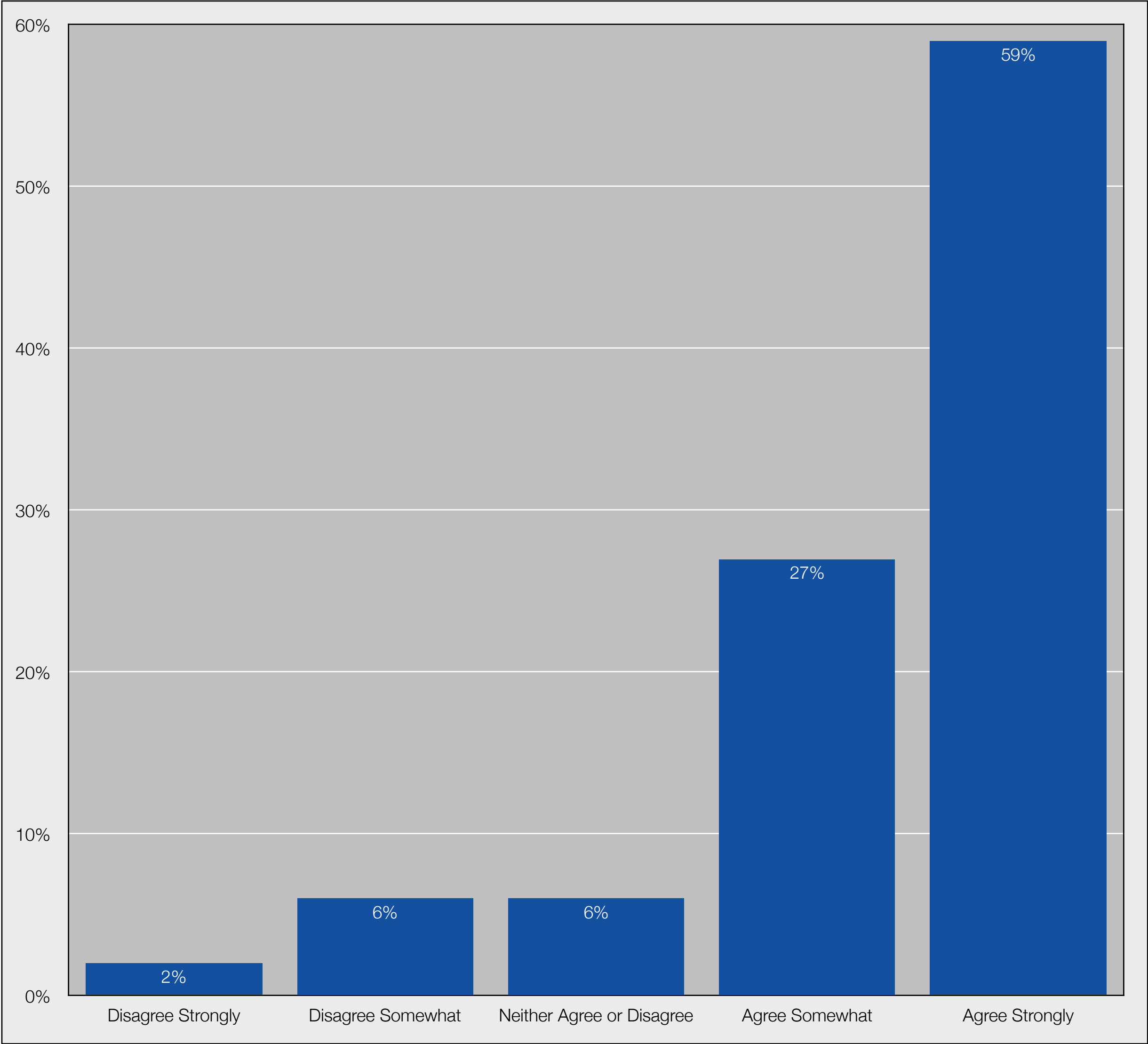
- a) Influenza
- b) Pertussis
- c) Shingles
- d) Pneumococcal

Influenza & prevention by an adult vaccination

a) Influenza

86% agree Influenza can be prevented by adult vaccination

- 86% agree with the statement, apportioned:
 - 59% 'Agree Strongly'
 - 27% 'Agree Somewhat'
- 8% disagree, apportioned:
 - 2% 'Disagree Strongly'
 - 6% 'Disagree Somewhat'
- 6% neutral, answering 'Neither Agree or Disagree'

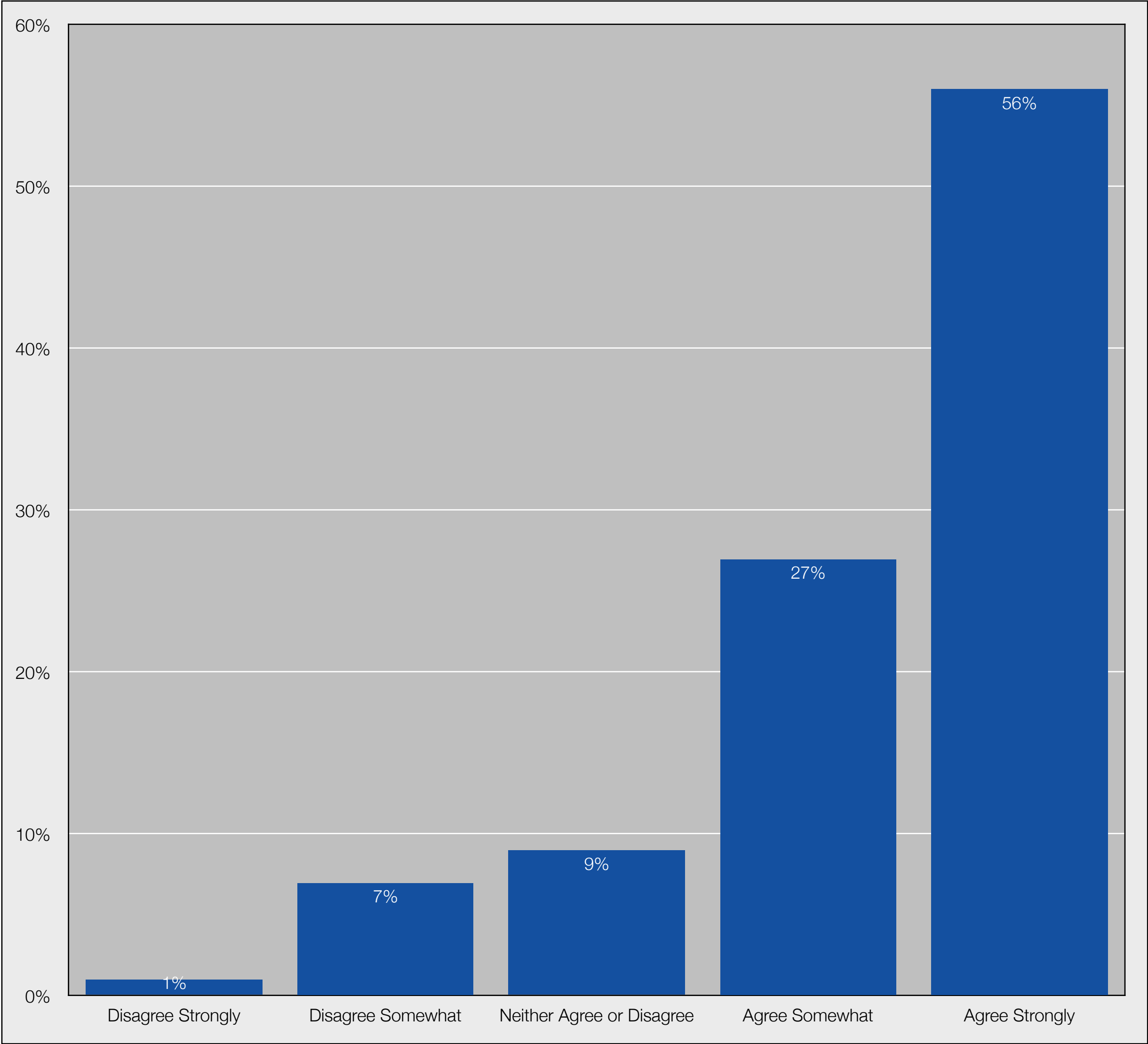


Pertussis & prevention by an adult vaccination

b) Pertussis

83% agree Pertussis can be prevented by adult vaccination

- 83% agree with the statement, apportioned:
 - 56% 'Agree Strongly'
 - 27% 'Agree Somewhat'
- 8% disagree, apportioned:
 - 1% 'Disagree Strongly'
 - 7% 'Disagree Somewhat'
- 9% neutral, answering 'Neither Agree or Disagree'

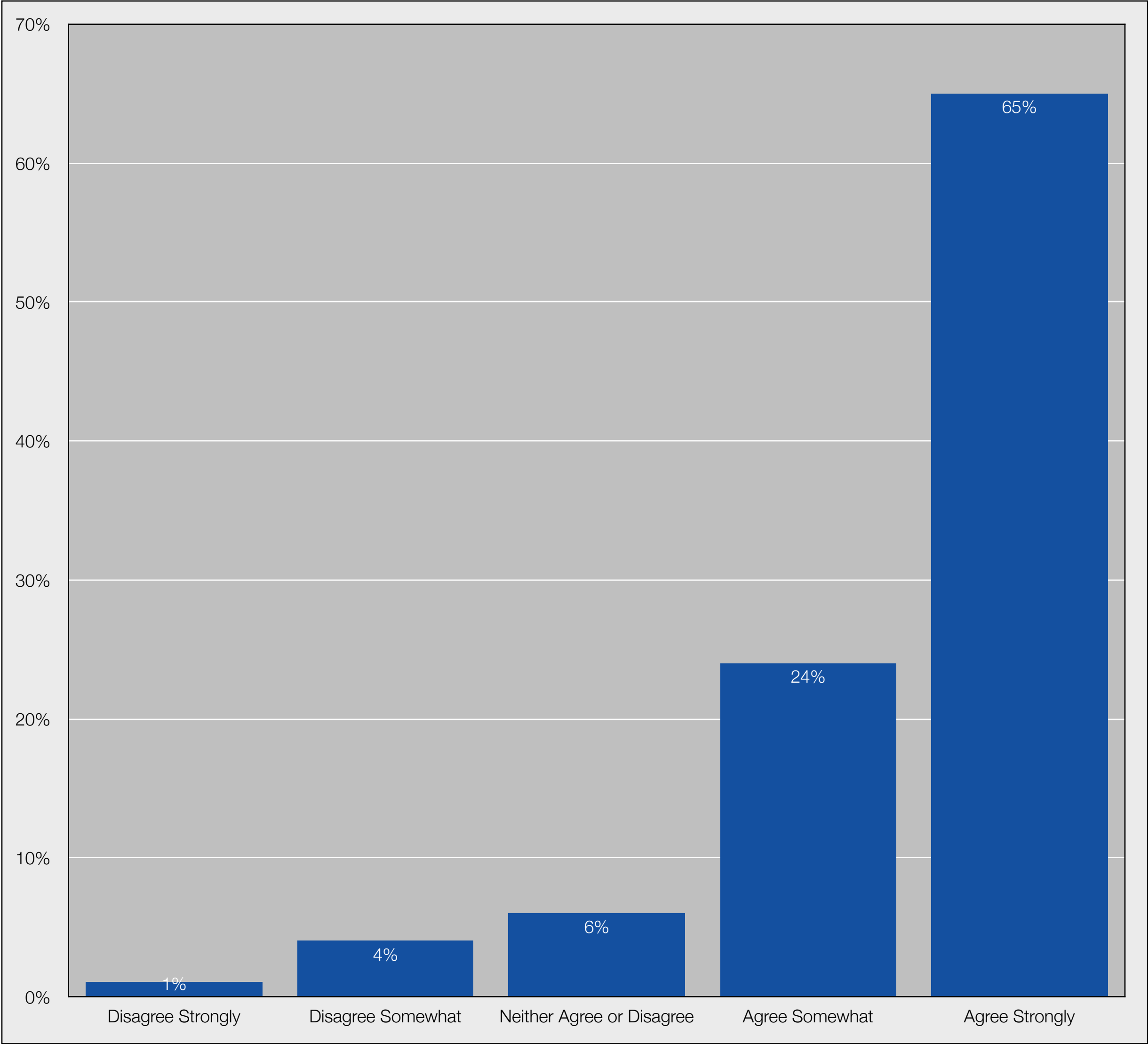


Shingles & prevention by an adult vaccination

c) Shingles

89% agree Shingles can be prevented by adult vaccination

- 89% agree with the statement, apportioned:
 - 65% 'Agree Strongly'
 - 24% 'Agree Somewhat'
- 18% disagree, apportioned:
 - 1% 'Disagree Strongly'
 - 4% 'Disagree Somewhat'
- 6% neutral, answering 'Neither Agree or Disagree'

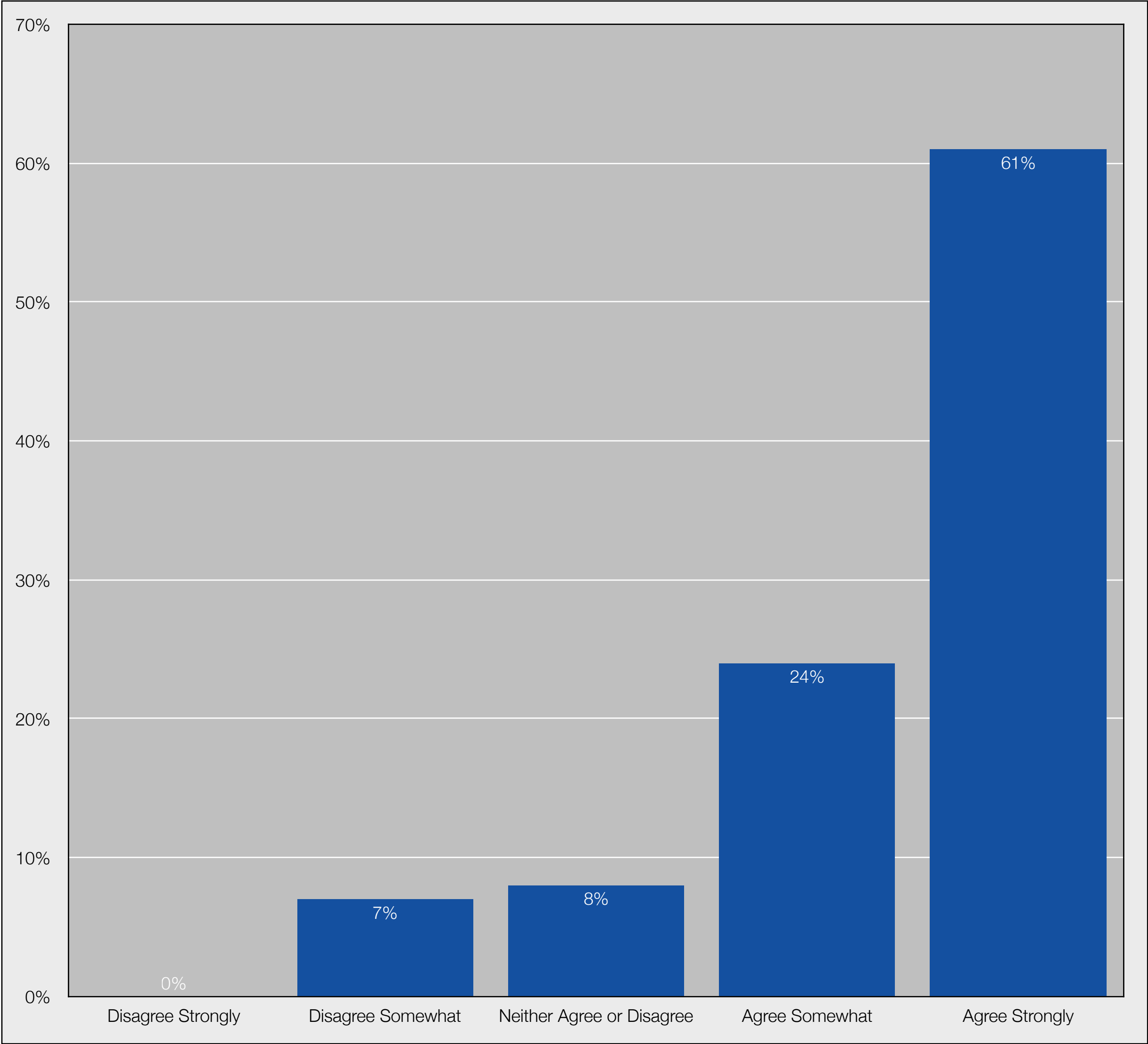


Pneumococcal & prevention by an adult vaccination

d) Pneumococcal

85% agree Pneumococcal can be prevented by adult vaccination

- 85% agree with the statement, apportioned:
 - 61% 'Agree Strongly'
 - 24% 'Agree Somewhat'
- 7% disagree, apportioned:
 - 0% 'Disagree Strongly'
 - 7% 'Disagree Somewhat'
- 8% neutral, answering 'Neither Agree or Disagree'



Offer a vaccine to prevent the following infections/diseases in patients who do not qualify under the NIP

7. Do you offer a vaccine to prevent the following infections/diseases in patients who do not qualify for free vaccine under the NIP?

Do you offer a vaccine to prevent the following infections/diseases in patients who do not qualify for free vaccine under the NIP?

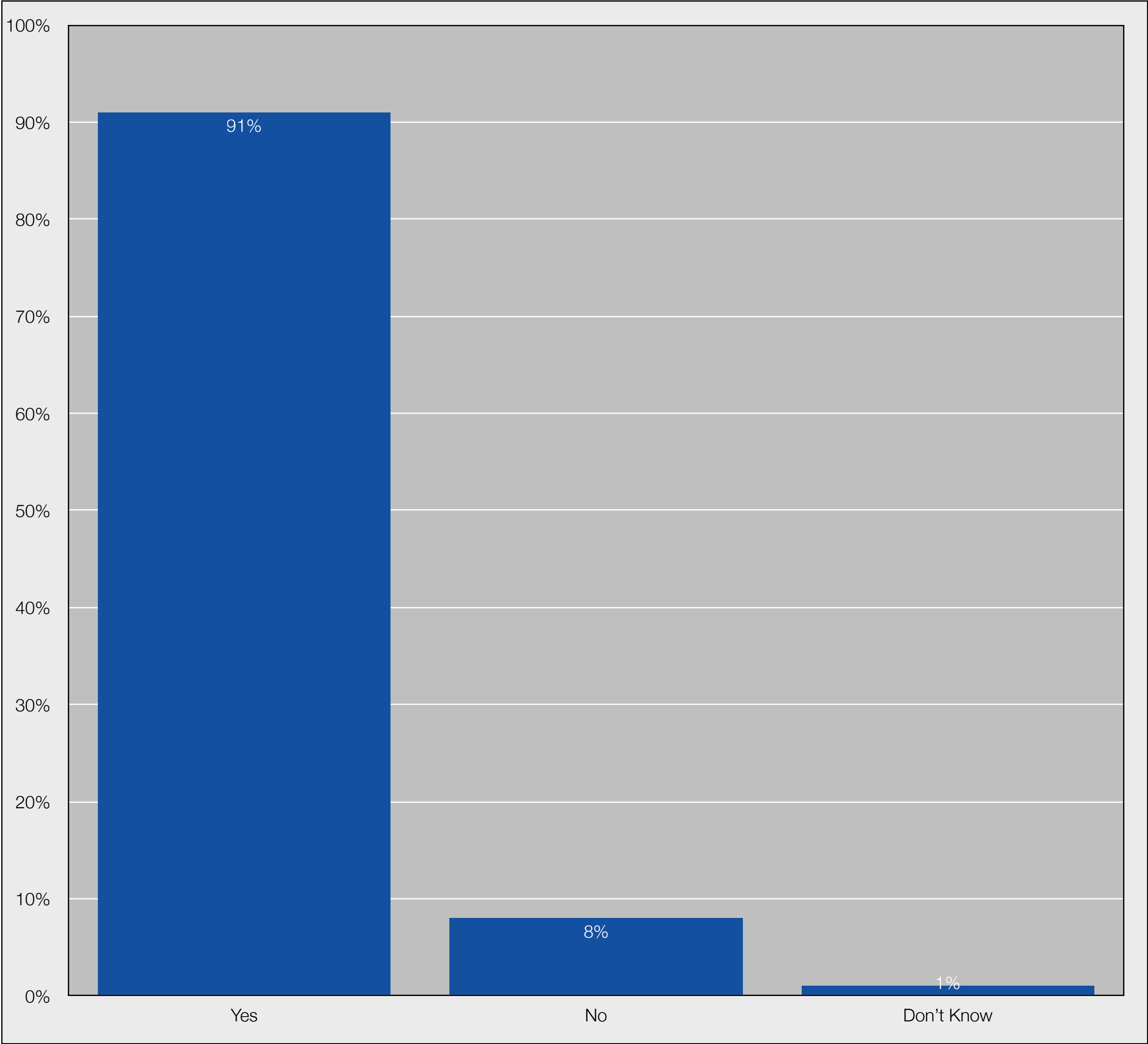
- a) Influenza
- b) Pertussis
- c) Shingles
- d) Pneumococcal

Offer Influenza vaccine for patients that do not qualify for free under NIP

a) Influenza

91% answered that they offer an Influenza vaccine for patients who do not qualify for a free vaccine under the NIP

- 91% answered 'Yes'
- 88% 'No'
- 1% 'Don't Know'

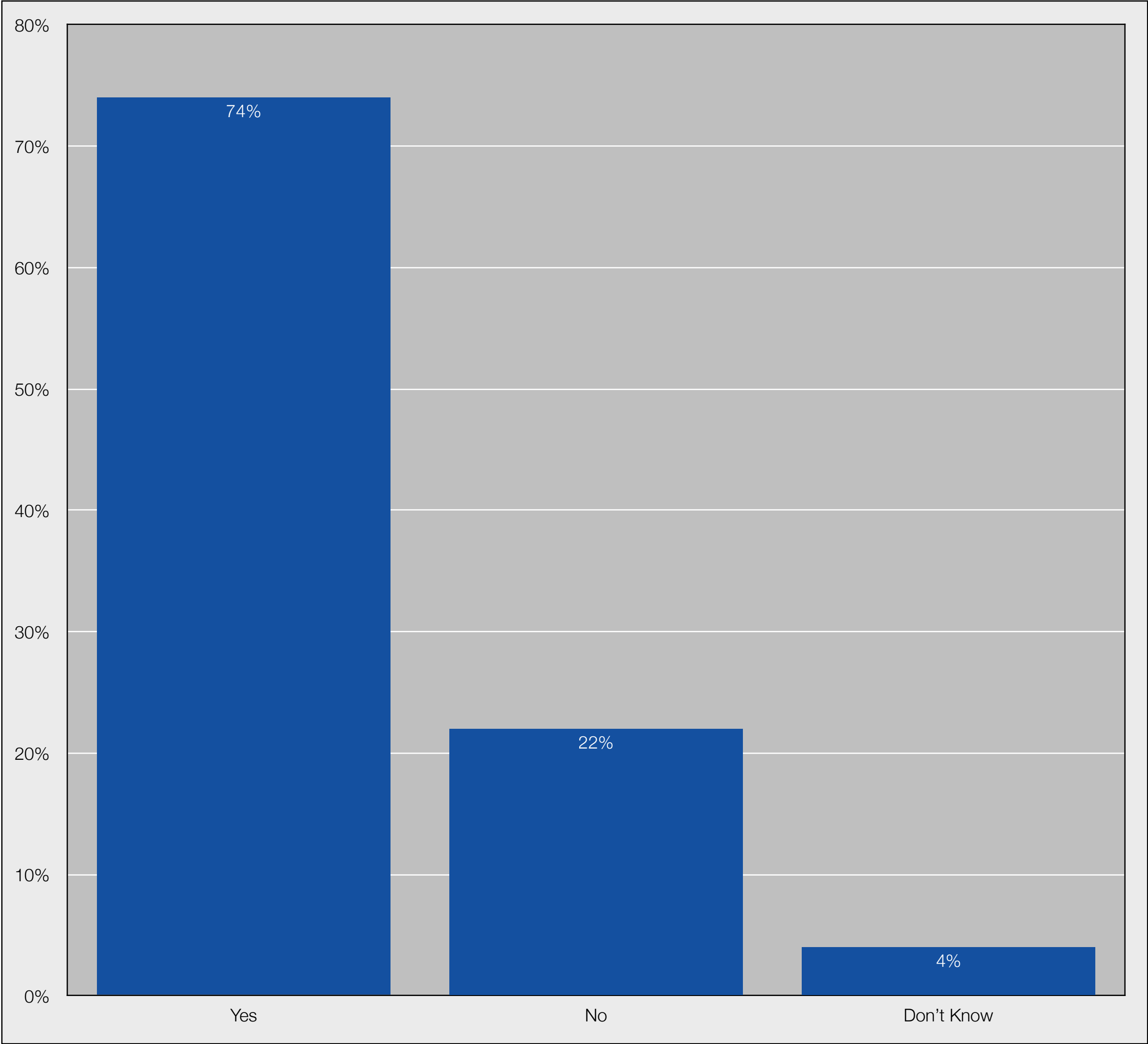


Offer Pertussis vaccine for patients that do not qualify for free under NIP

b) Pertussis

74% answered that they offer a Pertussis vaccine for patients who do not qualify for a free vaccine under the NIP

- 74% answered 'Yes'
- 22% 'No'
- 4% 'Don't Know'

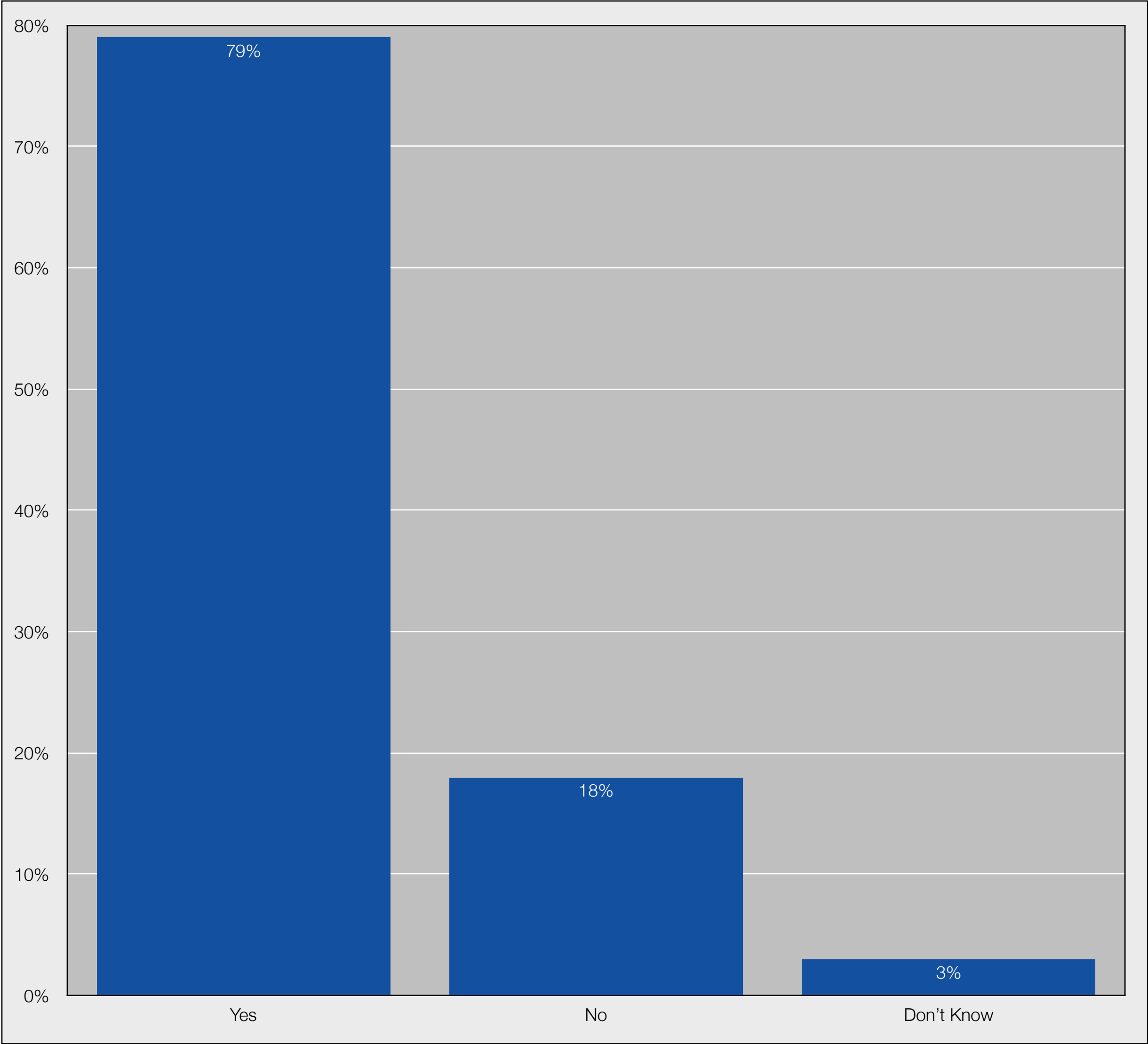


Offer Shingles vaccine for patients that do not qualify for free under NIP

c) Shingles

79% answered that they offer a Shingles vaccine for patients who do not qualify for a free vaccine under the NIP

- 79% answered 'Yes'
- 18% 'No'
- 3% 'Don't Know'



Offer Pneumococcal vaccine for patients that do not qualify for free under NIP

d) Pneumococcal

72% answered that they offer a Pneumococcal vaccine for patients who do not qualify for a free vaccine under the NIP

- 72% answered 'Yes'
- 24% 'No'
- 4% 'Don't Know'

