

Q1 What is today's date?

Answered: 25 Skipped: 0

Answer Choices	Responses	
Please enter today's date using the following format.	100%	25
Total Respondents: 25		

**Q2 Which state are you representing
in completing this survey?**

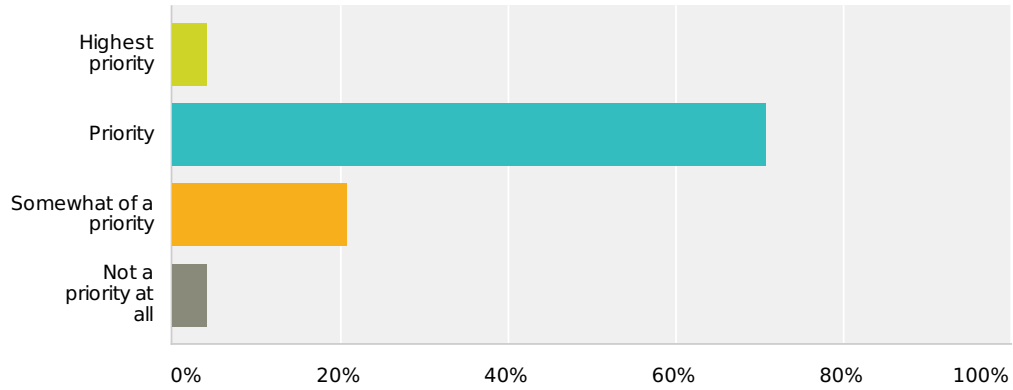
Answered: 25 Skipped: 0

Q3 What is your email address, in case we have any questions or need clarification of any responses. Email addresses will not be connected to final data outputs.

Answered: 25 Skipped: 0

Q4 How much of a priority would you say motor vehicle injury is in your state compared with other health problems?

Answered: 24 Skipped: 1



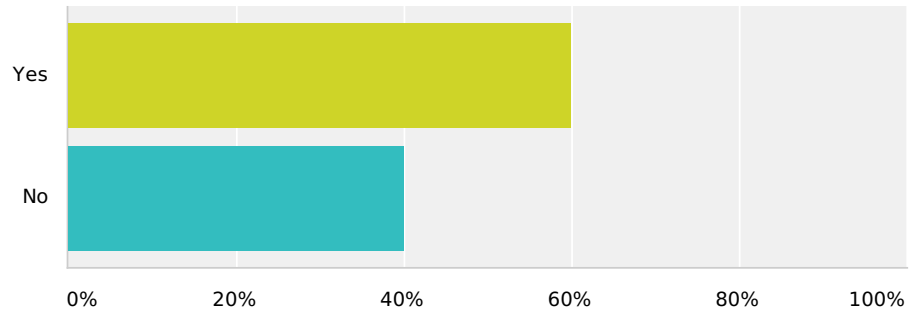
Answer Choices	Responses
Highest priority	4.17% 1
Priority	70.83% 17
Somewhat of a priority	20.83% 5
Not a priority at all	4.17% 1
Total	24

Q5 What year did your state start its linkage project?

Answered: 25 Skipped: 0

Q6 Is the linkage and analysis project in the state for which you are responding part of the National Highway Traffic Safety Administration (NHTSA) Crash Outcome Data Evaluation System (CODES)?

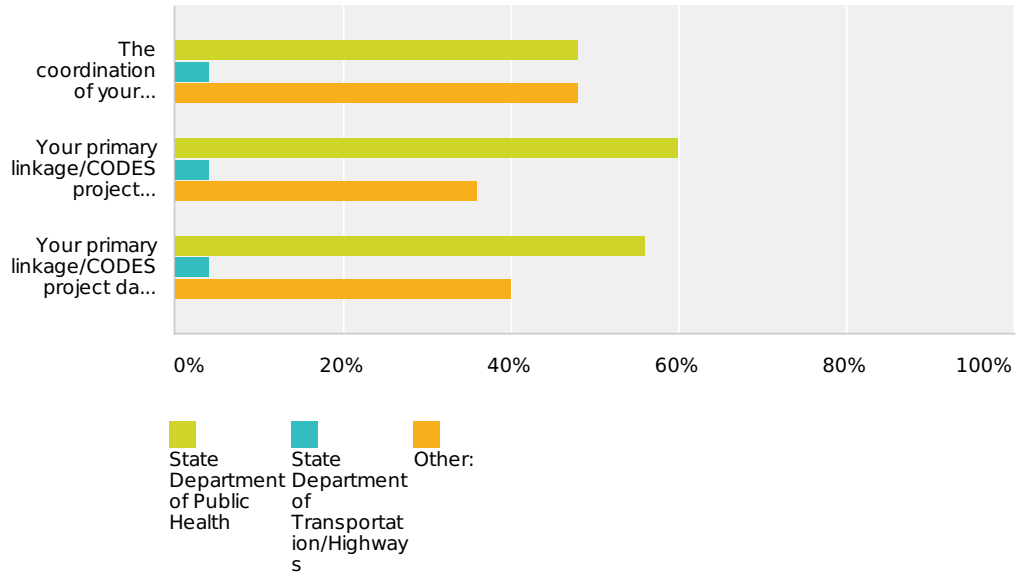
Answered: 25 Skipped: 0



Answer Choices	Responses
Yes	60% 15
No	40% 10
Total	25

Q7 Which agency is responsible for....

Answered: 25 Skipped: 0



	State Department of Public Health	State Department of Transportation/Highways	Other:	Total
The coordination of your overall linkage/CODES project?	48% 12	4% 1	48% 12	25
Your primary linkage/CODES project linkage?	60% 15	4% 1	36% 9	25
Your primary linkage/CODES project data analysis?	56.00% 14	4% 1	40% 10	25

If you indicated "Other", please specify the agency name(s): (12)

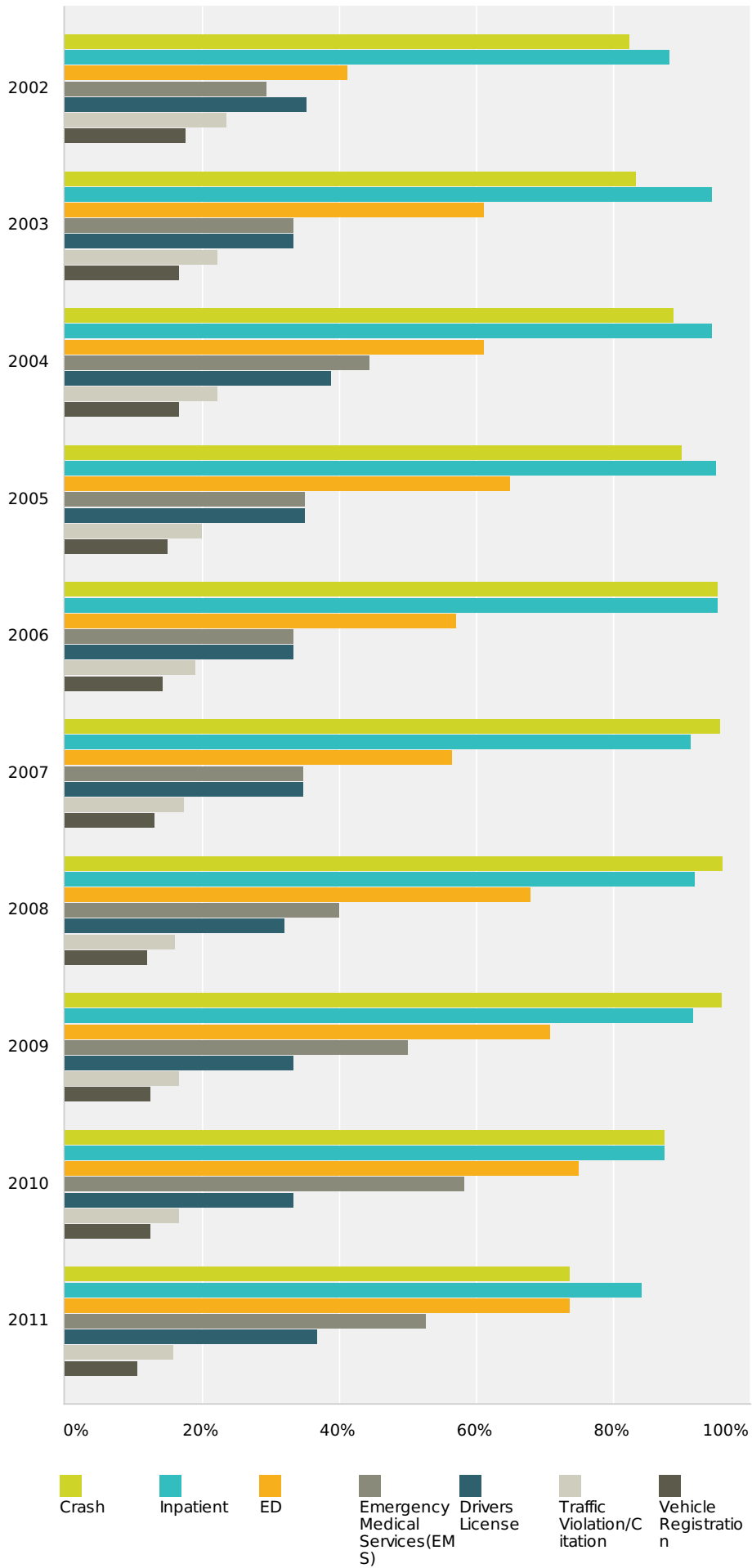
**Q8 If your state participates in the
NHTSA CODES effort, in what year
was the program begun?**

Answered: 14 Skipped: 11

Q9 Indicate the years of source data that are suitable for linking that you have available

Answered: 25 Skipped: 0

Characteristics of a State Linkage System



Characteristics of a State Linkage System

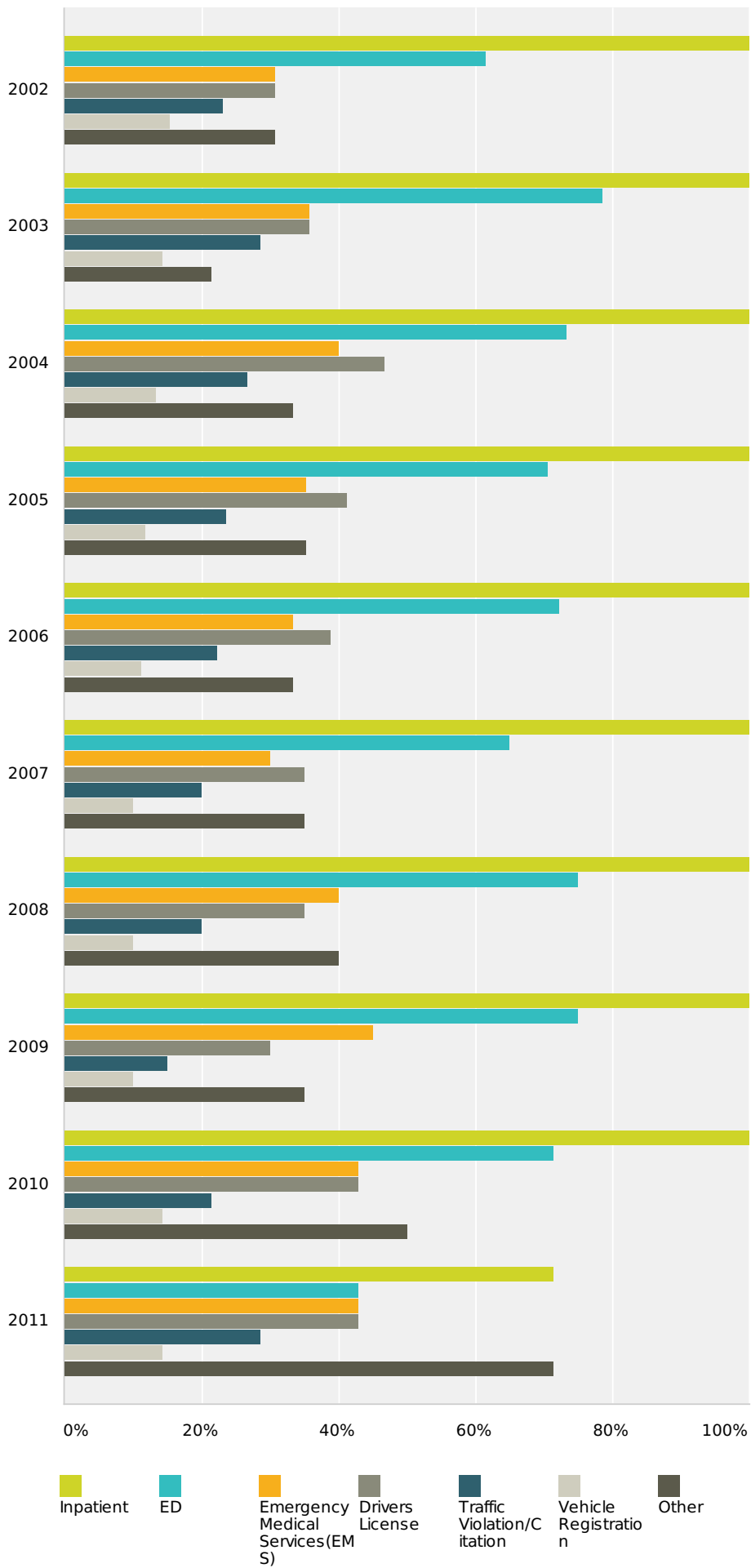
	Crash	Inpatient	ED	Emergency Medical Services (EMS)	Drivers License	Traffic Violation/Citation	Vehicle Registration	Total Respondents
2002	82.35% 14	88.24% 15	41.18% 7	29.41% 5	35.29% 6	23.53% 4	17.65% 3	17
2003	83.33% 15	94.44% 17	61.11% 11	33.33% 6	33.33% 6	22.22% 4	16.67% 3	18
2004	88.89% 16	94.44% 17	61.11% 11	44.44% 8	38.89% 7	22.22% 4	16.67% 3	18
2005	90% 18	95% 19	65% 13	35% 7	35% 7	20% 4	15% 3	20
2006	95.24% 20	95.24% 20	57.14% 12	33.33% 7	33.33% 7	19.05% 4	14.29% 3	21
2007	95.65% 22	91.30% 21	56.52% 13	34.78% 8	34.78% 8	17.39% 4	13.04% 3	23
2008	96% 24	92% 23	68% 17	40% 10	32% 8	16% 4	12% 3	25
2009	95.83% 23	91.67% 22	70.83% 17	50% 12	33.33% 8	16.67% 4	12.50% 3	24
2010	87.50% 21	87.50% 21	75% 18	58.33% 14	33.33% 8	16.67% 4	12.50% 3	24
2011	73.68% 14	84.21% 16	73.68% 14	52.63% 10	36.84% 7	15.79% 3	10.53% 2	19

If you have "Other" data sources available, indicate the name and year(s) of data available: (15)

**Q10 For which of the following years
and databases have you linked your
CRASH data:**

Answered: 24 Skipped: 1

Characteristics of a State Linkage System



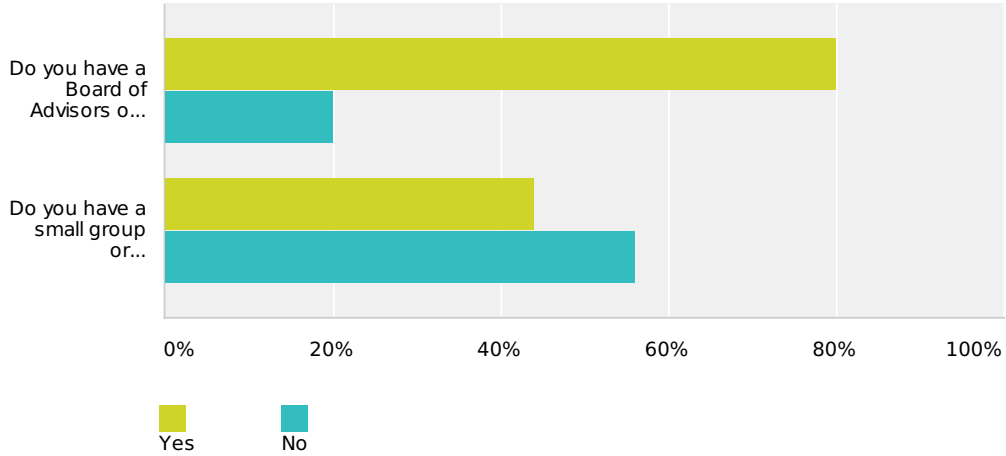
Characteristics of a State Linkage System

	Inpatient	ED	Emergency Medical Services(EMS)	Drivers License	Traffic Violation/Citation	Vehicle Registration	Other	Total Respondents
2002	100% 13	61.54% 8	30.77% 4	30.77% 4	23.08% 3	15.38% 2	30.77% 4	13
2003	100% 14	78.57% 11	35.71% 5	35.71% 5	28.57% 4	14.29% 2	21.43% 3	14
2004	100% 15	73.33% 11	40% 6	46.67% 7	26.67% 4	13.33% 2	33.33% 5	15
2005	100% 17	70.59% 12	35.29% 6	41.18% 7	23.53% 4	11.76% 2	35.29% 6	17
2006	100% 18	72.22% 13	33.33% 6	38.89% 7	22.22% 4	11.11% 2	33.33% 6	18
2007	100% 20	65% 13	30% 6	35% 7	20% 4	10% 2	35% 7	20
2008	100% 20	75% 15	40% 8	35% 7	20% 4	10% 2	40% 8	20
2009	100% 20	75% 15	45% 9	30% 6	15% 3	10% 2	35% 7	20
2010	100% 14	71.43% 10	42.86% 6	42.86% 6	21.43% 3	14.29% 2	50% 7	14
2011	71.43% 5	42.86% 3	42.86% 3	42.86% 3	28.57% 2	14.29% 1	71.43% 5	7

If your state has "Other" data sets linked (i.e.E.M.S. data linked to trauma data), indicate the name and years of data sets that are linked: (11)

Q11 Consider the following:

Answered: 25 Skipped: 0

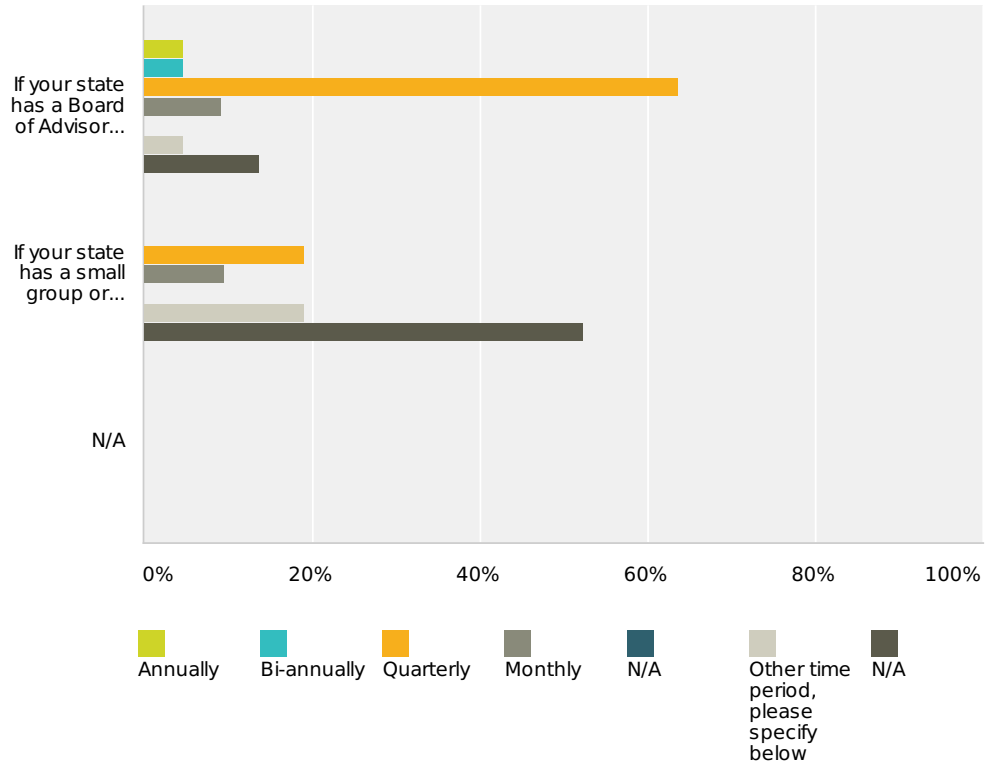


	Yes	No	Total
Do you have a Board of Advisors or Directors for your linkage/CODES project?	80% 20	20% 5	25
Do you have a small group or subcommittee that assists as a steering committee, work group, task force, or other advisory board that assists you with identifying your linkage/research priorities?	44% 11	56.00% 14	25

Other comments: (7)

Q12 Consider the following in relation to your linkage/CODES project:

Answered: 22 Skipped: 3



	Annually	Bi-annually	Quarterly	Monthly	N/A	Other time period, please specify below	N/A	Total
If your state has a Board of Advisors or Directors, how often does that group meet?	4.55% 1	4.55% 1	63.64% 14	9.09% 2	0% 0	4.55% 1	13.64% 3	22

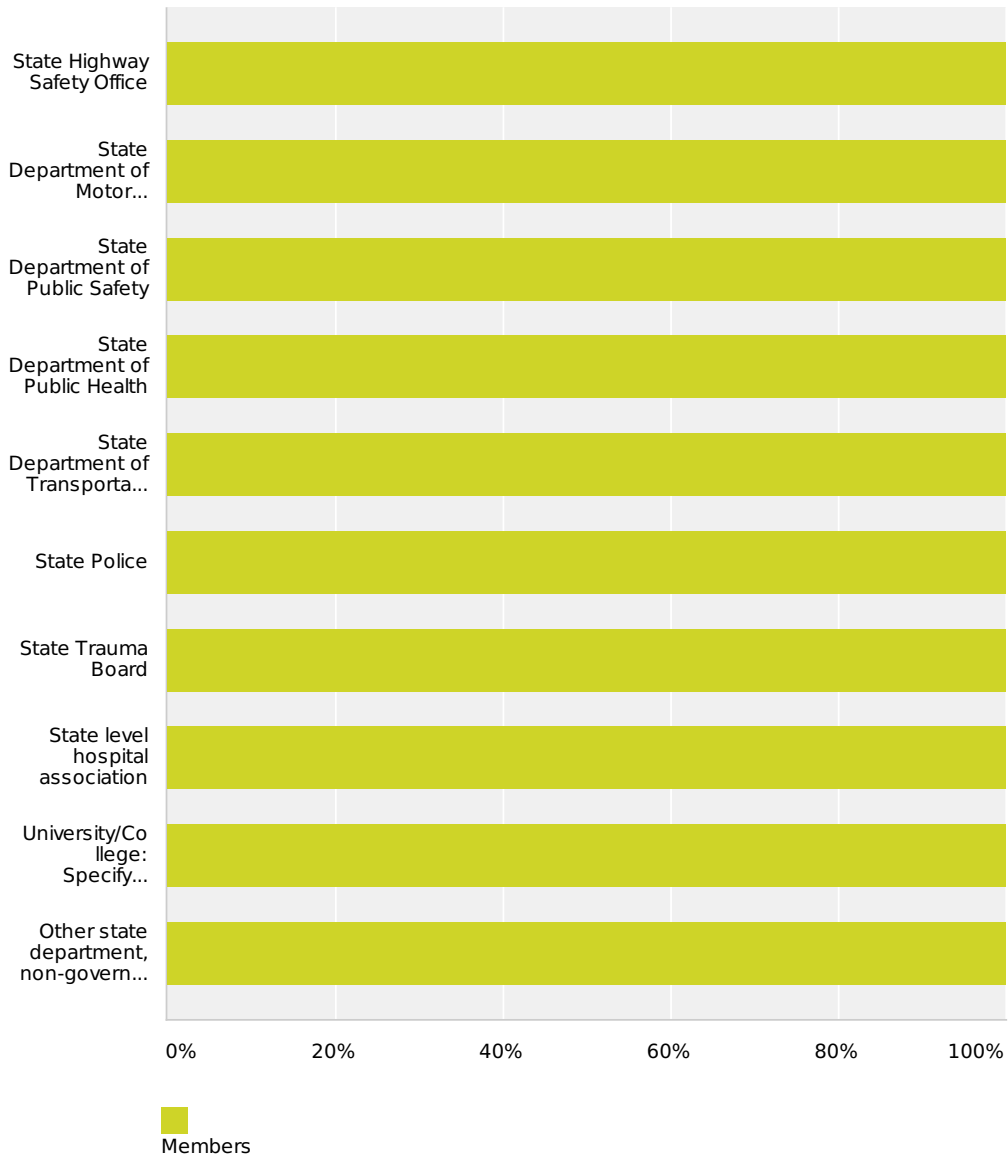
Characteristics of a State Linkage System

If your state has a small group or subcommittee that assists as a steering committee, work group, task force, or advisory board that identifies linkage/research priorities, how often does that group meet?	0% 0	0% 0	19.05% 4	9.52% 2	0% 0	19.05% 4	52.38% 11	21
N/A	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0

Please specify other time periods for each if option not provided: (6)

Q13 Indicate the organizations that are represented on your linkage/CODES Board of Advisors or Directors.

Answered: 21 Skipped: 4



	Members	Total
State Highway Safety Office	100% 18	18
State Department of Motor Vehicles	100% 15	15
State Department of Public Safety	100% 11	11
State Department of Public Health	100% 20	20
State Department of Transportation/Highways	100% 17	17
State Police	100% 15	15

Characteristics of a State Linkage System

State Trauma Board	100% 6	6
State level hospital association	100% 7	7
University/College: Specify name(s) below	100% 10	10
Other state department, non-governmental organization, or other: specify name(s) below	100% 12	12

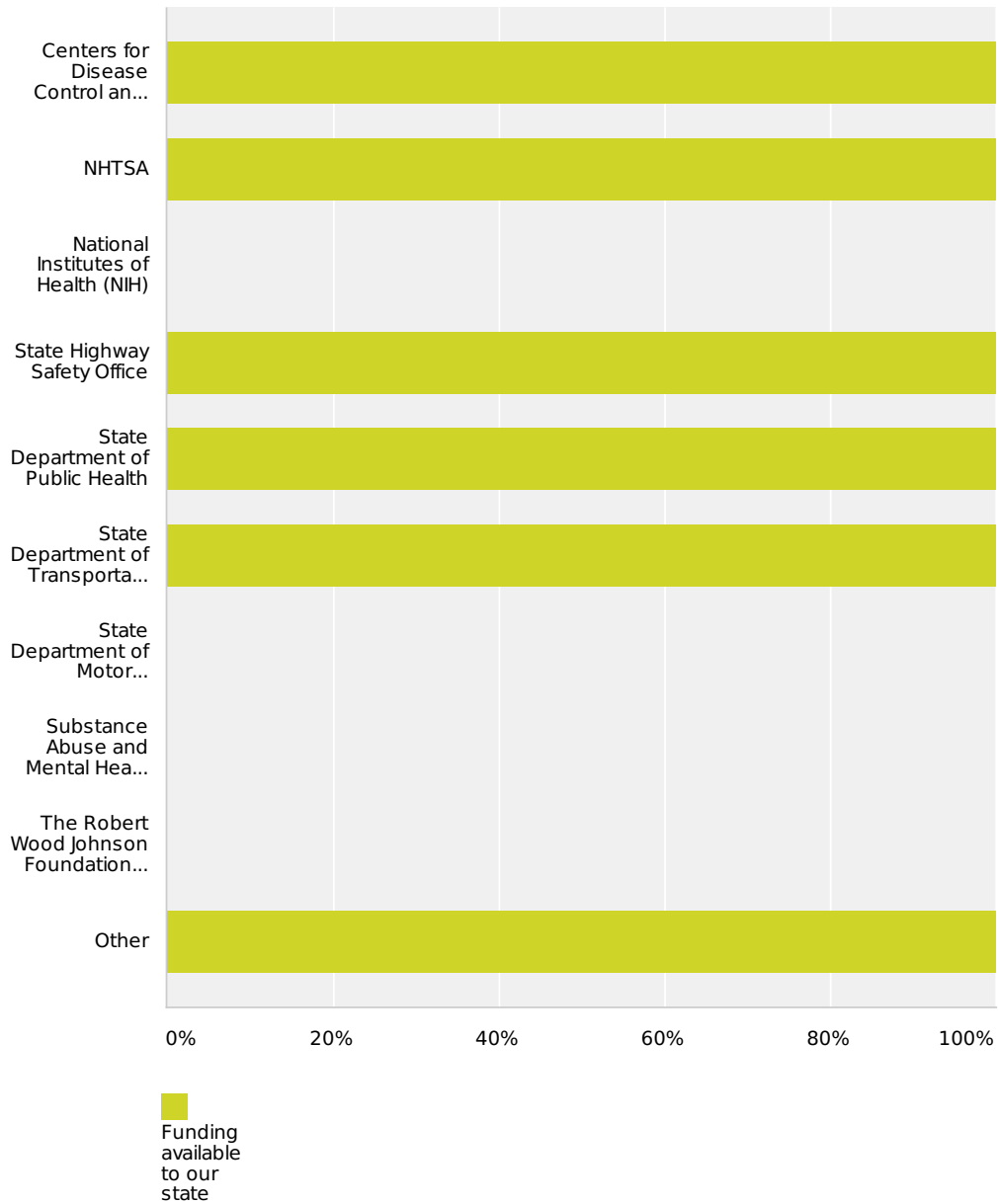
If you listed University/College or other state department, non-governmental organization, or some other potential agency, please specify those agency name(s): (16)

Q14 If your state has a small group or subcommittee that assists as a steering committee, work group, task force, or advisory board that identifies linkage/research priorities, list those agencies that participate in this with you. If this doesn't apply please indicate with N/A:

Answered: 19 Skipped: 6

Q15 Indicate the funding streams that your state utilizes to support your linkage/CODES project.

Answered: 22 Skipped: 3



	Funding available to our state	Total
Centers for Disease Control and Prevention (CDC)	100% 6	6
NHTSA	100% 18	18
National Institutes of Health (NIH)	0% 0	0
State Highway Safety Office	100% 11	11
State Department of Public Health	100% 4	4

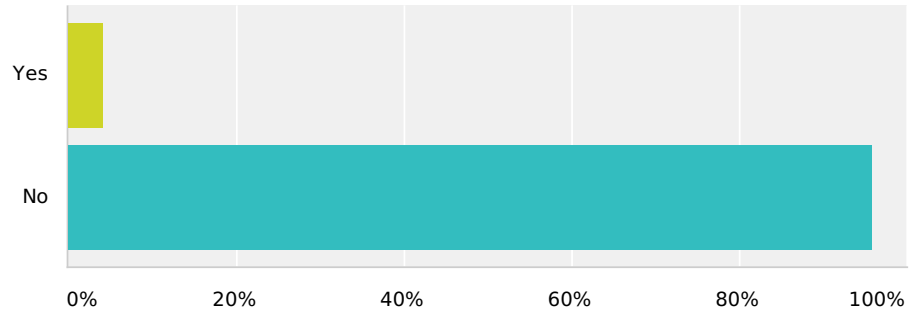
Characteristics of a State Linkage System

State Department of Transportation/Highways	100% 2	2
State Department of Motor Vehicles	0% 0	0
Substance Abuse and Mental Health Services Administration (SAMHSA)	0% 0	0
The Robert Wood Johnson Foundation (RWJF)	0% 0	0
Other	100% 3	3

If you selected "other" indicate who those partners include: (5)

Q16 Do you charge other agencies for data outputs from your linkage/CODES project?

Answered: 24 Skipped: 1

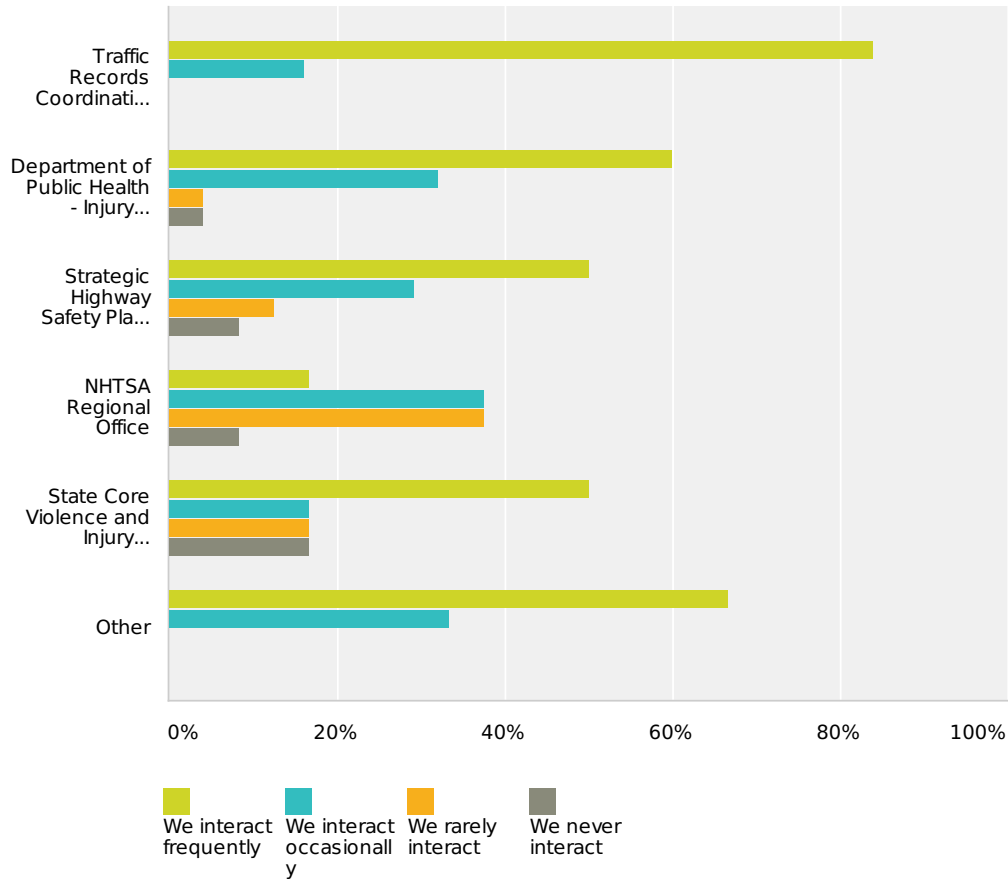


Answer Choices	Responses
Yes	4.17% 1
No	95.83% 23
Total	24

If you indicated "yes", please share how you might charge other agencies (i.e. hourly, price by size of project or output, etc...): (1)

Q17 Indicate your agency's level of involvement with each of the following in your state: (i.e. involvement might mean that you attend meetings that they hold or they attend meetings that you hold - you mutually support those program efforts or they support yours)

Answered: 25 Skipped: 0



	We interact frequently	We interact occasionally	We rarely interact	We never interact	Total
Traffic Records Coordinating Committee (TRCC)	84% 21	16% 4	0% 0	0% 0	25
Department of Public Health - Injury Surveillance	60% 15	32% 8	4% 1	4% 1	25
Strategic Highway Safety Plan (SHSP)	50% 12	29.17% 7	12.50% 3	8.33% 2	24
NHTSA Regional Office	16.67% 4	37.50% 9	37.50% 9	8.33% 2	24

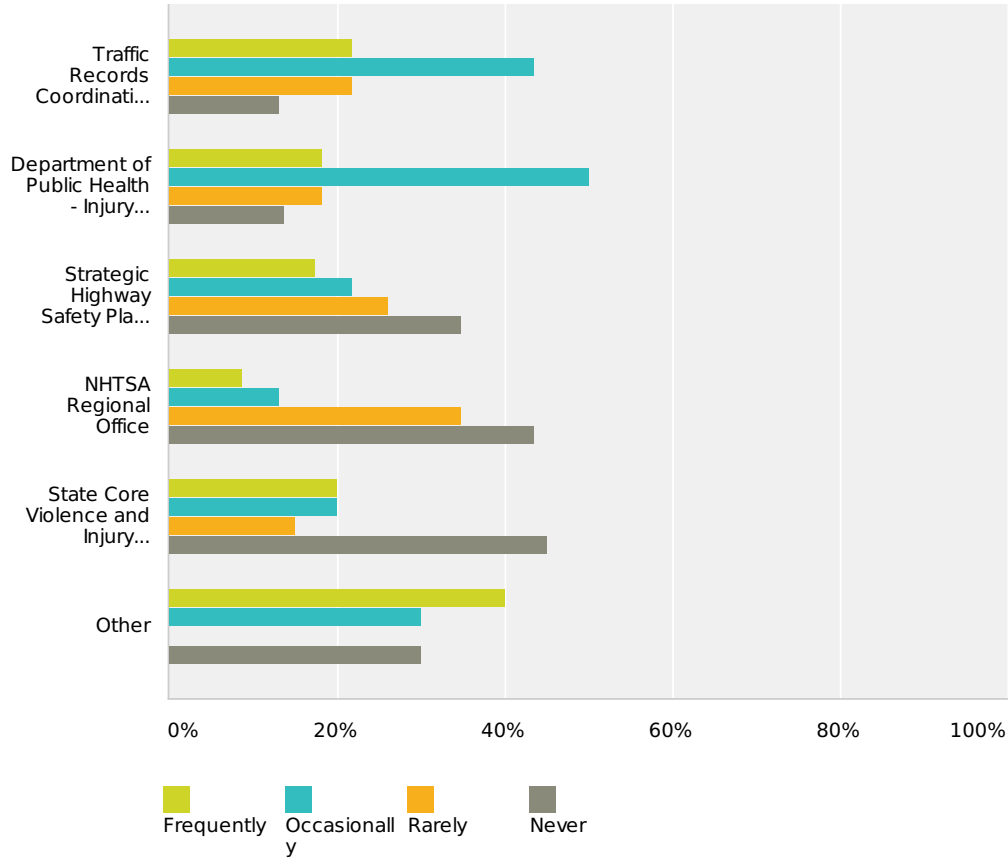
Characteristics of a State Linkage System

State Core Violence and Injury Prevention Program (Core VIPP)	50% 12	16.67% 4	16.67% 4	16.67% 4	24
Other	66.67% 2	33.33% 1	0% 0	0% 0	3

If you selected "other" indicate who the other partners are that you interact with and your level of involvement with them. (5)

Q18 Indicate how often you share or provide linked/CODES data to each of the following: (meaning that you have an ongoing relationship and commitment to provide them with data outputs or analyses)

Answered: 24 Skipped: 1

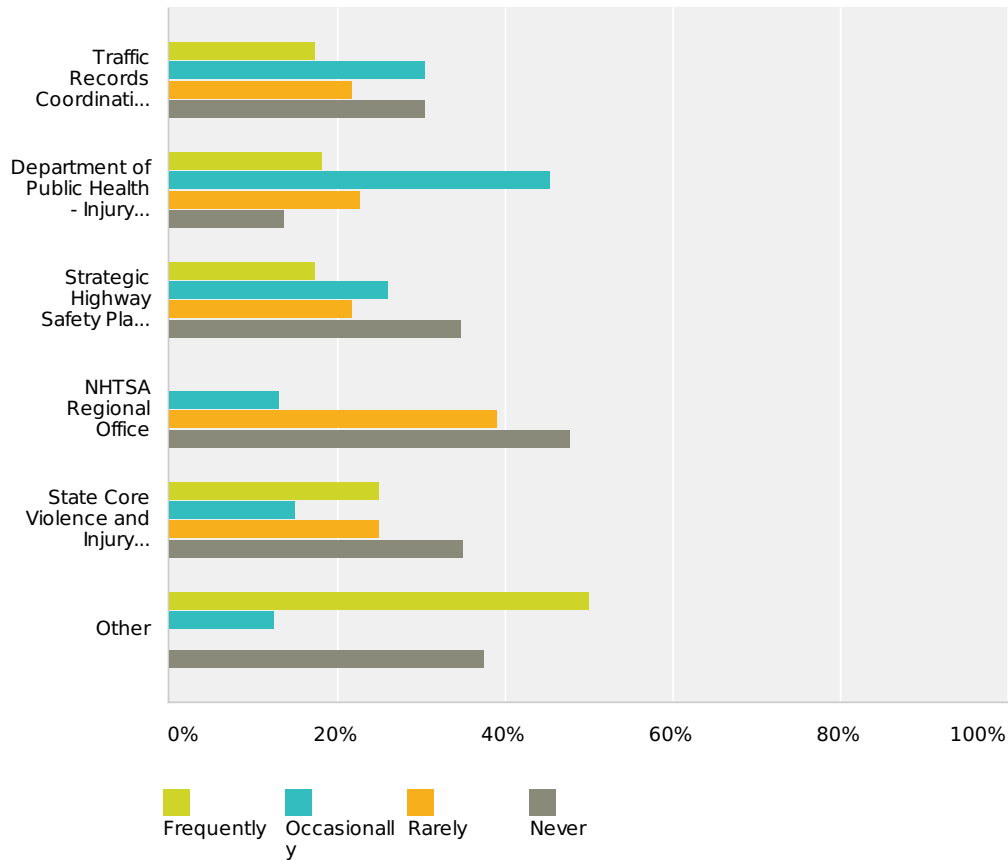


	Frequently	Occasionally	Rarely	Never	Total
Traffic Records Coordinating Committee (TRCC)	21.74% 5	43.48% 10	21.74% 5	13.04% 3	23
Department of Public Health - Injury Surveillance	18.18% 4	50% 11	18.18% 4	13.64% 3	22
Strategic Highway Safety Plan (SHSP)	17.39% 4	21.74% 5	26.09% 6	34.78% 8	23
NHTSA Regional Office	8.70% 2	13.04% 3	34.78% 8	43.48% 10	23
State Core Violence and Injury Prevention Program (Core VIPP)	20% 4	20% 4	15% 3	45% 9	20
Other	40% 4	30% 3	0% 0	30% 3	10

If you indicated "Other", please specify the agency name(s) and the frequency with which you interact: (7)

Q19 Indicate how often you get data requests from the following:

Answered: 23 Skipped: 2

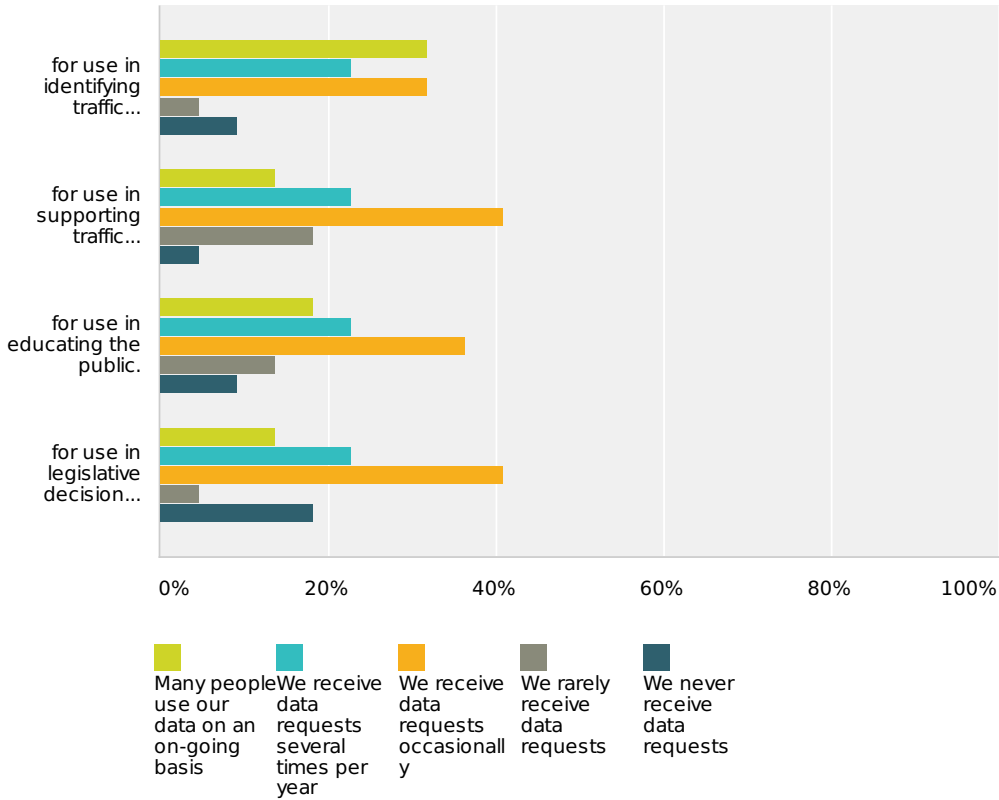


	Frequently	Occasionally	Rarely	Never	Total
Traffic Records Coordinating Committee (TRCC)	17.39% 4	30.43% 7	21.74% 5	30.43% 7	23
Department of Public Health - Injury Surveillance	18.18% 4	45.45% 10	22.73% 5	13.64% 3	22
Strategic Highway Safety Plan (SHSP)	17.39% 4	26.09% 6	21.74% 5	34.78% 8	23
NHTSA Regional Office	0% 0	13.04% 3	39.13% 9	47.83% 11	23
State Core Violence and Injury Prevention Program (Core VIPP)	25% 5	15% 3	25% 5	35% 7	20
Other	50% 4	12.50% 1	0% 0	37.50% 3	8

If you indicated "Other", please specify the agency name(s) that submit data requests and the frequency with which they request data from you: (5)

Q20 How would you rate the demand for linkage/CODES data in your state....

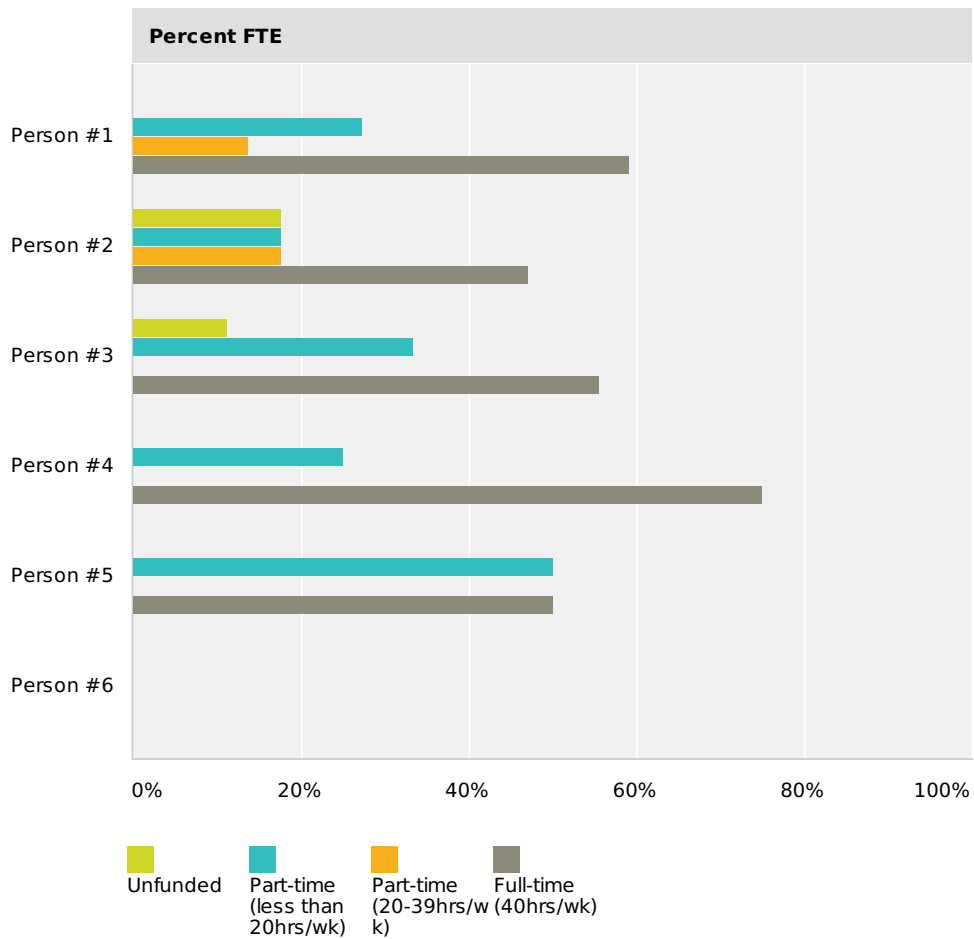
Answered: 22 Skipped: 3



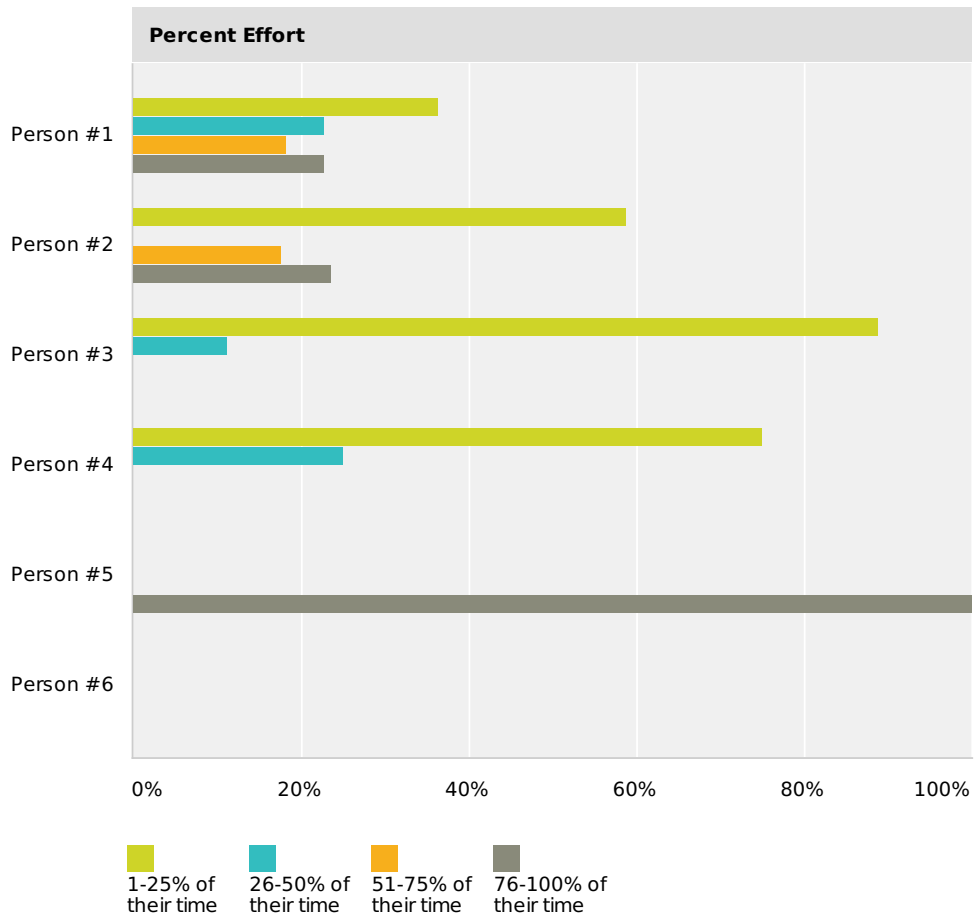
	Many people use our data on an on-going basis	We receive data requests several times per year	We receive data requests occasionally	We rarely receive data requests	We never receive data requests	Total
for use in identifying traffic safety problems.	31.82% 7	22.73% 5	31.82% 7	4.55% 1	9.09% 2	22
for use in supporting traffic safety decision makers.	13.64% 3	22.73% 5	40.91% 9	18.18% 4	4.55% 1	22
for use in educating the public.	18.18% 4	22.73% 5	36.36% 8	13.64% 3	9.09% 2	22
for use in legislative decision making.	13.64% 3	22.73% 5	40.91% 9	4.55% 1	18.18% 4	22

Q21 For each person working on your linkage/CODES project, indicate the percent FTE, percent effort, and familiarity with statistics/epidemiology. (working on the project meaning: preparing a data feed for linkage, participating in meetings regarding linkage/analysis, preparing data regarding linkage/analysis, writing papers or preparing presentation materials on the results of analyses, etc..).

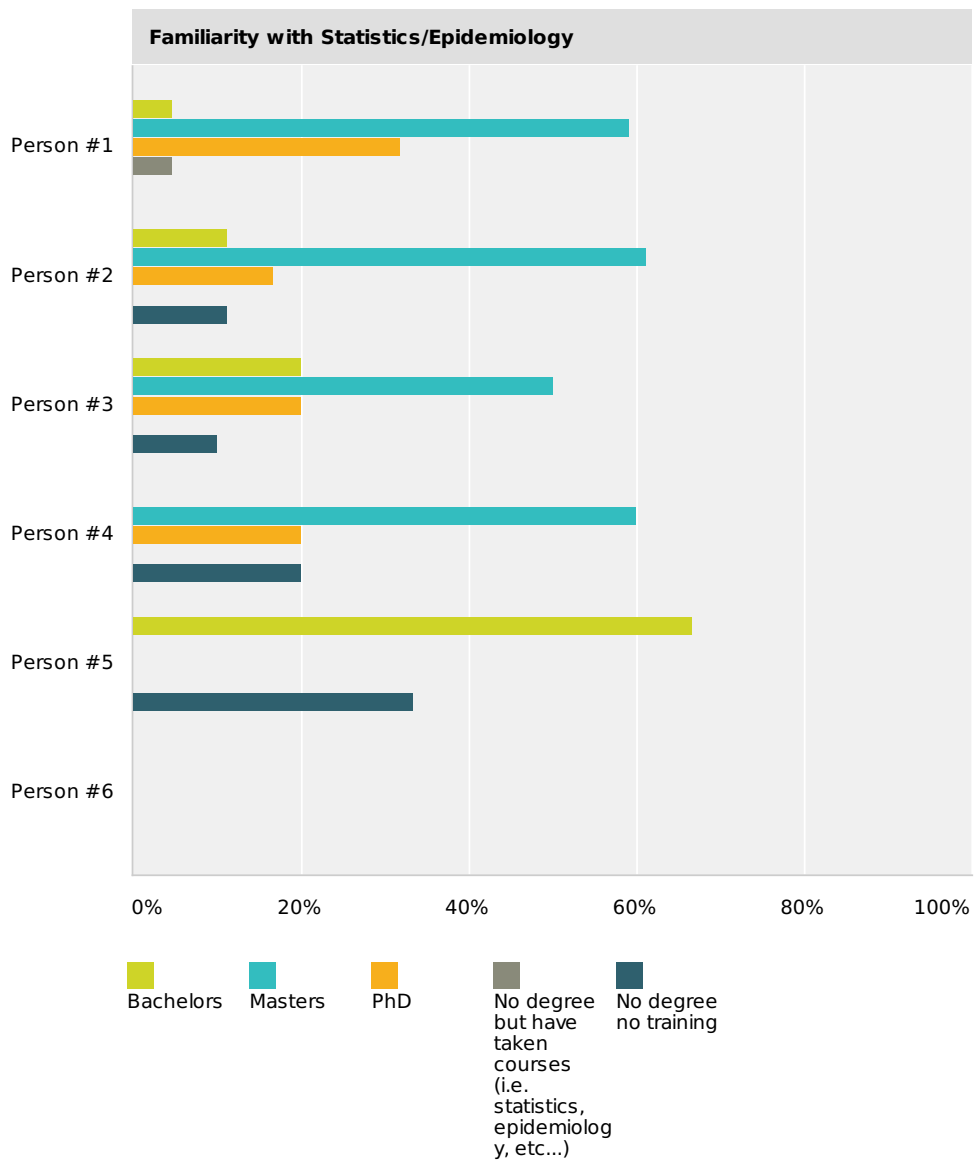
Answered: 22 Skipped: 3



Characteristics of a State Linkage System



Characteristics of a State Linkage System



Percent FTE					
	Unfunded	Part-time (less than 20hrs/wk)	Part-time (20-39hrs/wk)	Full-time (40hrs/wk)	Total
Person #1	0% 0	27.27% 6	13.64% 3	59.09% 13	22
Person #2	17.65% 3	17.65% 3	17.65% 3	47.06% 8	17
Person #3	11.11% 1	33.33% 3	0% 0	55.56% 5	9
Person #4	0% 0	25% 1	0% 0	75% 3	4
Person #5	0% 0	50% 1	0% 0	50% 1	2
Person #6	0% 0	0% 0	0% 0	0% 0	0

Percent Effort					
	1-25% of their time	26-50% of their time	51-75% of their time	76-100% of their time	Total
Person #1	36.36% 8	22.73% 5	18.18% 4	22.73% 5	22

Characteristics of a State Linkage System

Person #2	58.82% 10	0% 0	17.65% 3	23.53% 4	17
Person #3	88.89% 8	11.11% 1	0% 0	0% 0	9
Person #4	75% 3	25% 1	0% 0	0% 0	4
Person #5	0% 0	0% 0	0% 0	100% 2	2
Person #6	0% 0	0% 0	0% 0	0% 0	0

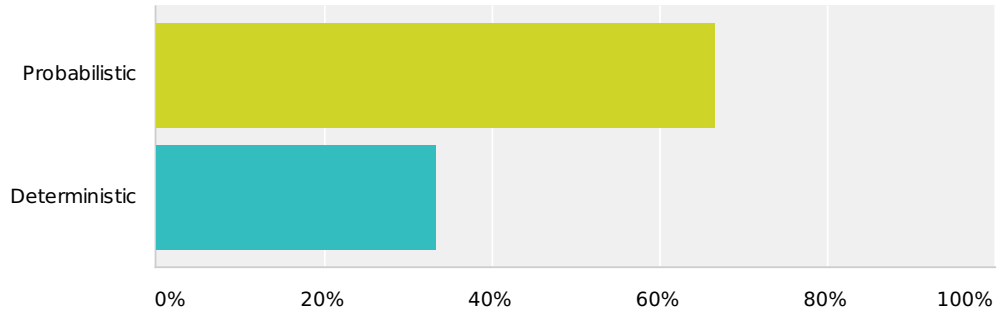
Familiarity with Statistics/Epidemiology

	Bachelors	Masters	PhD	No degree but have taken courses (i.e. statistics, epidemiology, etc...)	No degree no training	Total
Person #1	4.55% 1	59.09% 13	31.82% 7	4.55% 1	0% 0	22
Person #2	11.11% 2	61.11% 11	16.67% 3	0% 0	11.11% 2	18
Person #3	20% 2	50% 5	20% 2	0% 0	10% 1	10
Person #4	0% 0	60% 3	20% 1	0% 0	20% 1	5
Person #5	66.67% 2	0% 0	0% 0	0% 0	33.33% 1	3
Person #6	0% 0	0% 0	0% 0	0% 0	0% 0	0

If more than 6 people work on your linkage/CODES project, continue your list here: (1)

Q22 If your state is NOT part of the CODES effort what linkage method do you use?

Answered: 9 Skipped: 16

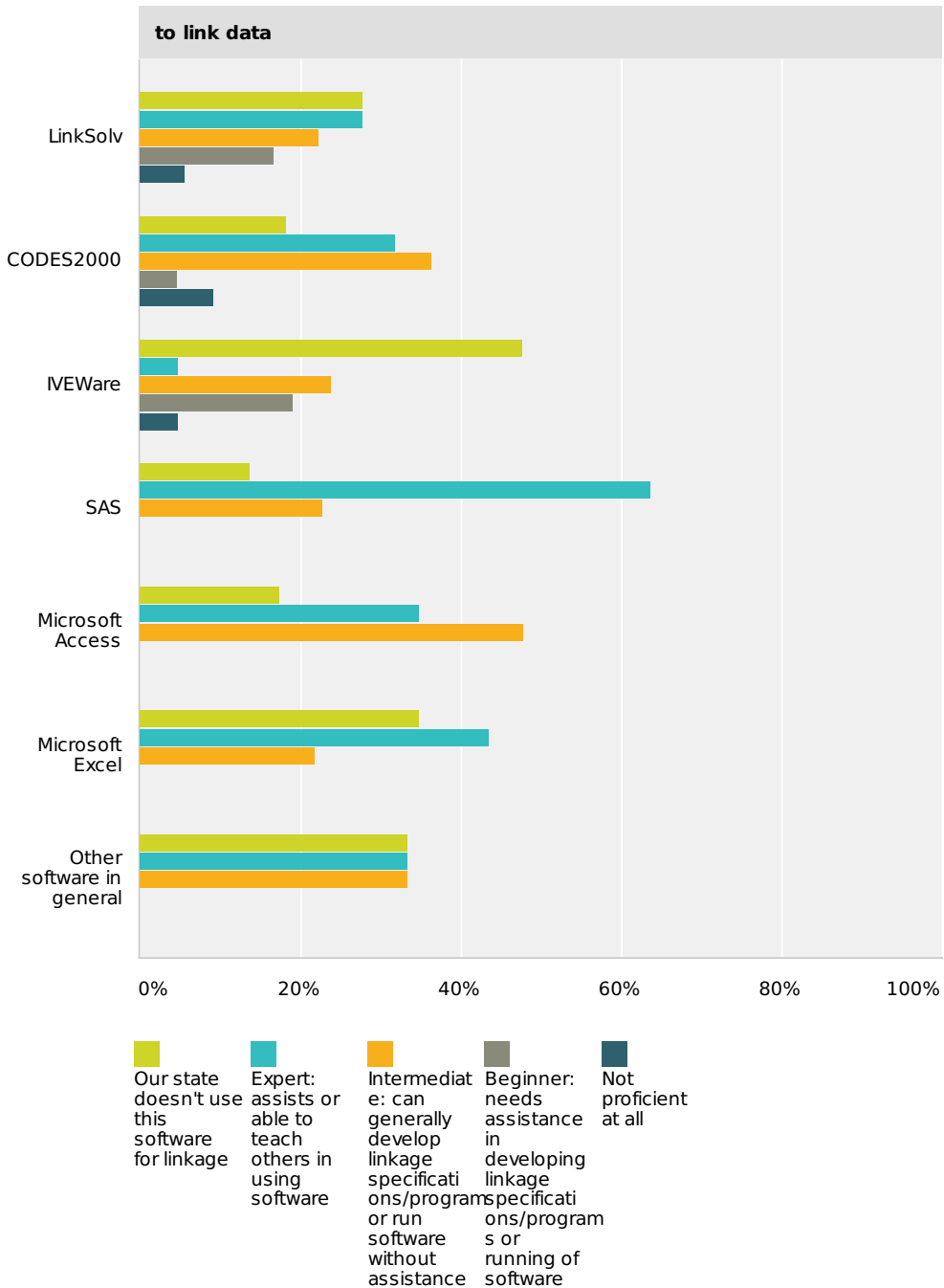


Answer Choices	Responses
Probabilistic	66.67% 6
Deterministic	33.33% 3
Total Respondents: 9	

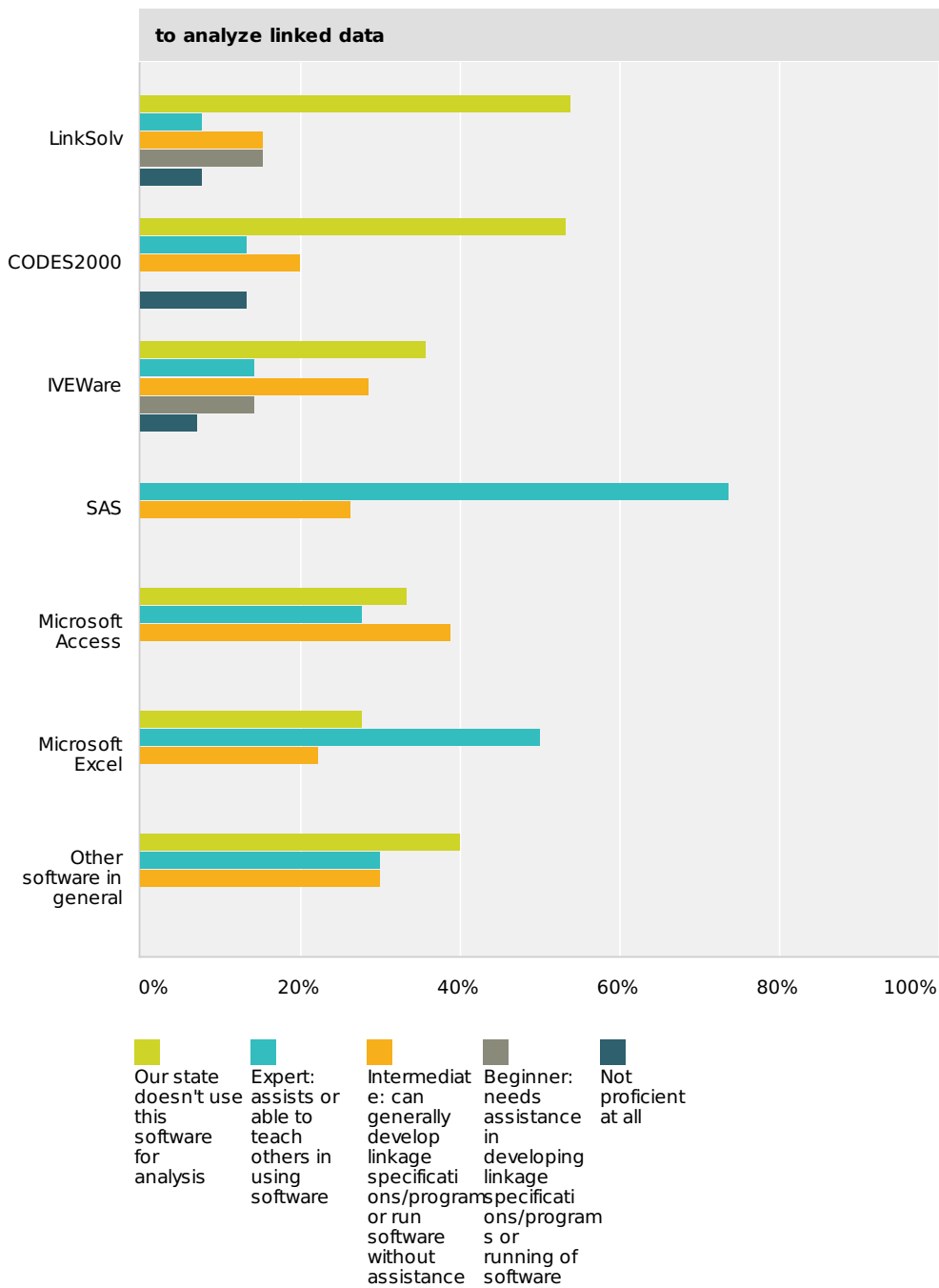
Please describe linkage method or any software used: (9)

Q23 How would you describe your project staff's proficiency in the following....(proficiency meaning: statistical background, knowledge of appropriate software, understanding of outputs, and ability to draw conclusions)

Answered: 25 Skipped: 0



Characteristics of a State Linkage System



to link data

	Our state doesn't use this software for linkage	Expert: assists or able to teach others in using software	Intermediate: can generally develop linkage specifications/programs or run software without assistance	Beginner: needs assistance in developing linkage specifications/programs or running of software	Not proficient at all	Total
LinkSolv	27.78% 5	27.78% 5	22.22% 4	16.67% 3	5.56% 1	18
CODES2000	18.18% 4	31.82% 7	36.36% 8	4.55% 1	9.09% 2	22
IVEWare	47.62% 10	4.76% 1	23.81% 5	19.05% 4	4.76% 1	21

Characteristics of a State Linkage System

SAS	13.64% 3	63.64% 14	22.73% 5	0% 0	0% 0	22
Microsoft Access	17.39% 4	34.78% 8	47.83% 11	0% 0	0% 0	23
Microsoft Excel	34.78% 8	43.48% 10	21.74% 5	0% 0	0% 0	23
Other software in general	33.33% 3	33.33% 3	33.33% 3	0% 0	0% 0	9

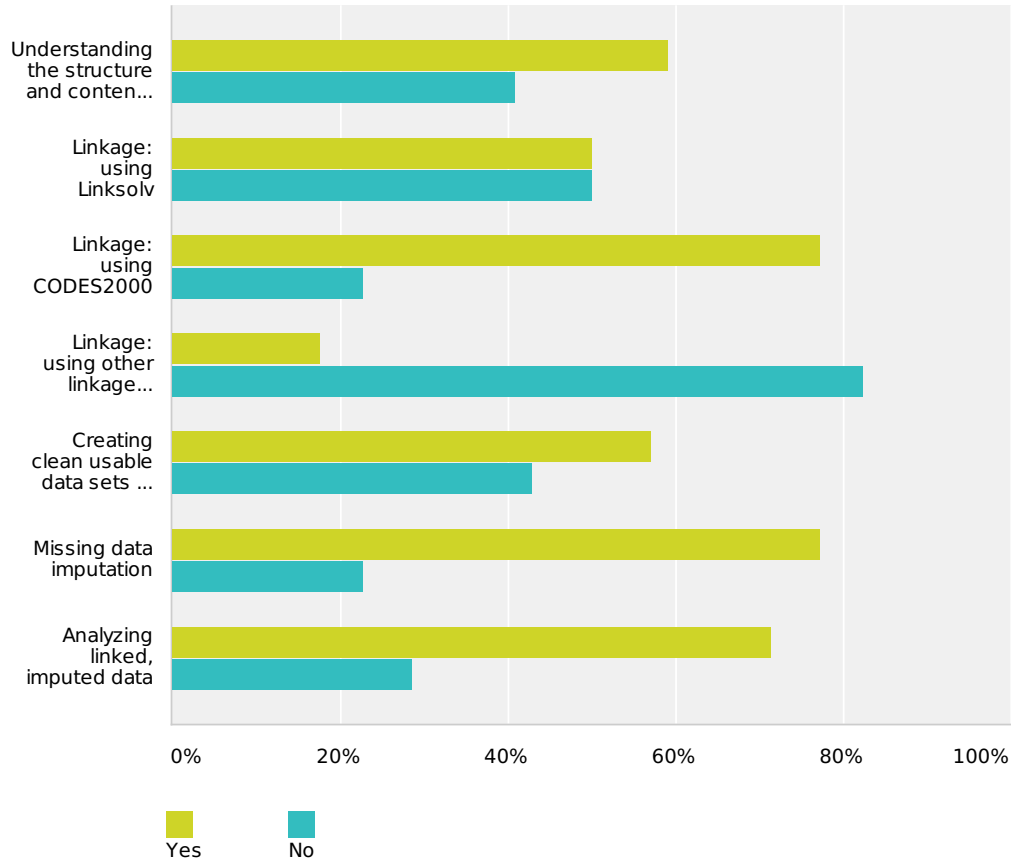
to analyze linked data

	Our state doesn't use this software for analysis	Expert: assists or able to teach others in using software	Intermediate: can generally develop linkage specifications/programs or run software without assistance	Beginner: needs assistance in developing linkage specifications/programs or running of software	Not proficient at all	Total
LinkSolv	53.85% 7	7.69% 1	15.38% 2	15.38% 2	7.69% 1	13
CODES2000	53.33% 8	13.33% 2	20% 3	0% 0	13.33% 2	15
IVEWare	35.71% 5	14.29% 2	28.57% 4	14.29% 2	7.14% 1	14
SAS	0% 0	73.68% 14	26.32% 5	0% 0	0% 0	19
Microsoft Access	33.33% 6	27.78% 5	38.89% 7	0% 0	0% 0	18
Microsoft Excel	27.78% 5	50% 9	22.22% 4	0% 0	0% 0	18
Other software in general	40% 4	30% 3	30% 3	0% 0	0% 0	10

If you selected "Other software in general", please specify what your linkage/CODES project uses and their proficiency in using: Expert, Intermediate, Beginner, Not proficient (6)

Q24 For each of the following, indicate the areas in which linkage/CODES project has received technical assistance or training:

Answered: 23 Skipped: 2



	Yes	No	Total
Understanding the structure and content of crash data	59.09% 13	40.91% 9	22
Linkage: using Linksovlv	50% 10	50% 10	20
Linkage: using CODES2000	77.27% 17	22.73% 5	22
Linkage: using other linkage software (specify the software package name below)	17.65% 3	82.35% 14	17
Creating clean usable data sets for analysis: using linkage results	57.14% 12	42.86% 9	21
Missing data imputation	77.27% 17	22.73% 5	22
Analyzing linked, imputed data	71.43% 15	28.57% 6	21

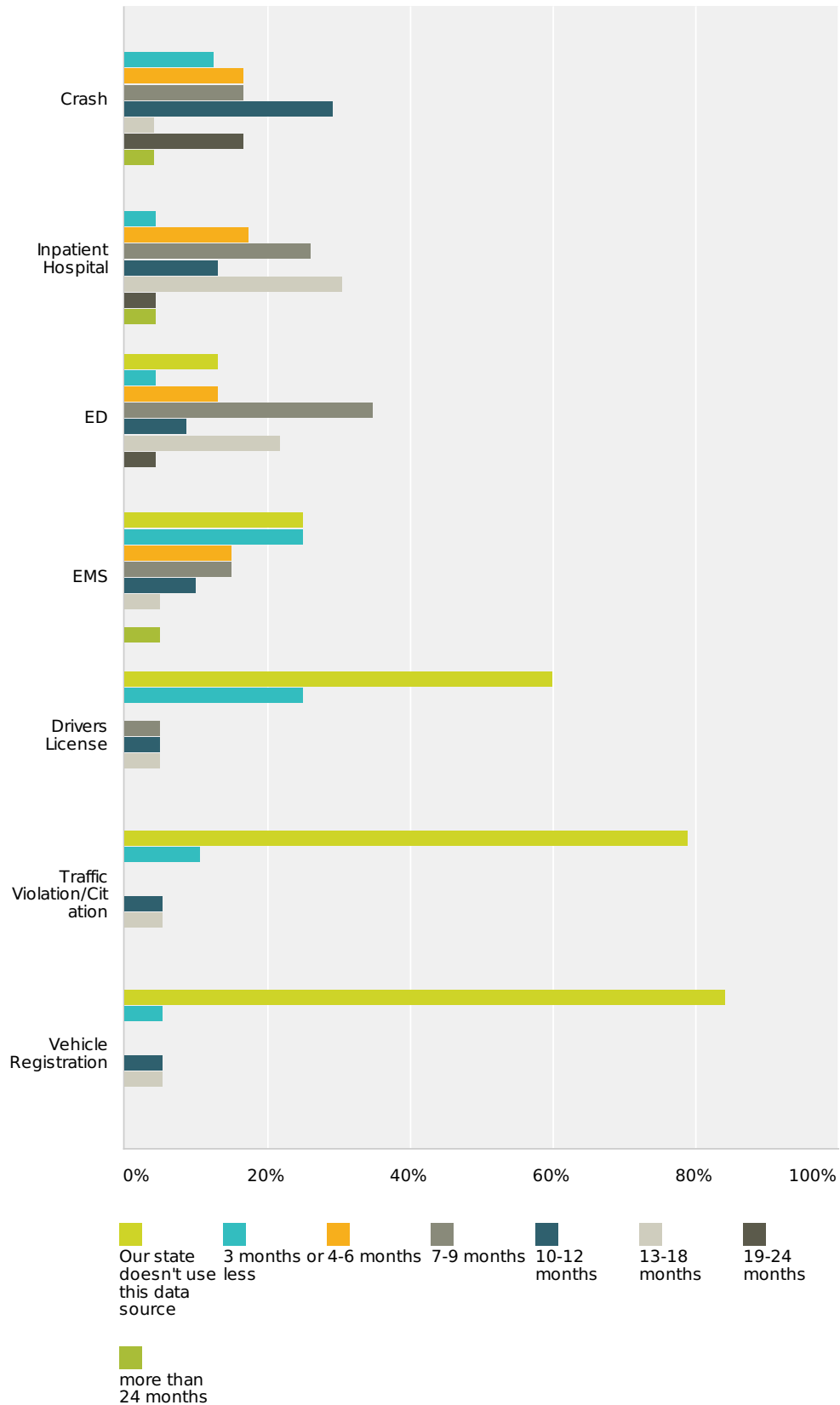
If you indicated that your linkage/CODES project uses some "Other" linkage software, specify the name of that software package: (3)

Q25 If you had the opportunity for additional technical assistance/training, what topics would your linkage/CODES project find important or relevant?

Answered: 9 Skipped: 16

Q26 Estimate the lag time in months that it takes to receive data from your state data partners:

Answered: 24 Skipped: 1



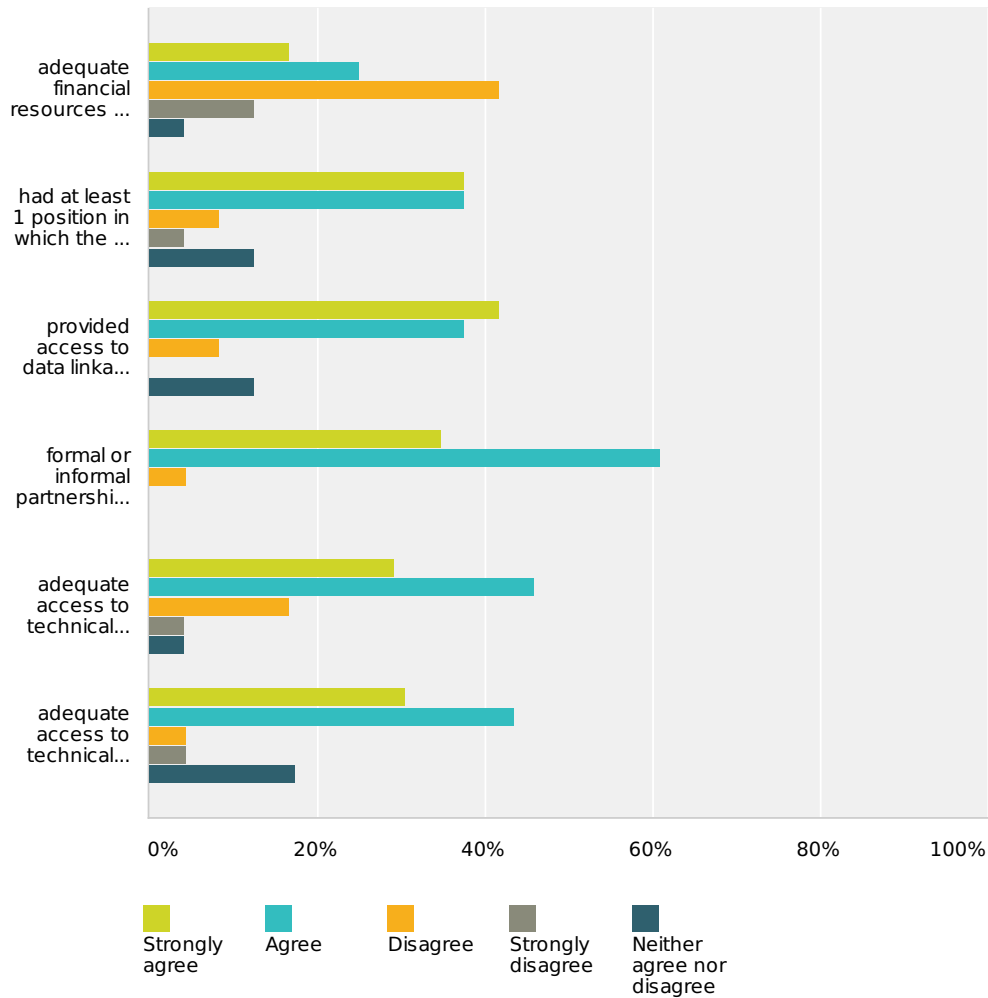
Characteristics of a State Linkage System

	Our state doesn't use this data source	3 months or less	4-6 months	7-9 months	10-12 months	13-18 months	19-24 months	more than 24 months	Total
Crash	0% 0	12.50% 3	16.67% 4	16.67% 4	29.17% 7	4.17% 1	16.67% 4	4.17% 1	24
Inpatient Hospital	0% 0	4.35% 1	17.39% 4	26.09% 6	13.04% 3	30.43% 7	4.35% 1	4.35% 1	23
ED	13.04% 3	4.35% 1	13.04% 3	34.78% 8	8.70% 2	21.74% 5	4.35% 1	0% 0	23
EMS	25% 5	25% 5	15% 3	15% 3	10% 2	5% 1	0% 0	5% 1	20
Drivers License	60% 12	25% 5	0% 0	5% 1	5% 1	5% 1	0% 0	0% 0	20
Traffic Violation/Citation	78.95% 15	10.53% 2	0% 0	0% 0	5.26% 1	5.26% 1	0% 0	0% 0	19
Vehicle Registration	84.21% 16	5.26% 1	0% 0	0% 0	5.26% 1	5.26% 1	0% 0	0% 0	19

If your state links data sets other than those listed, specify what data sets that includes and the lag time in months it takes to receive that data: (6)

Q27 The next several questions refer to aspects of your linkage/CODES project that may serve as resources or barriers. Please indicate the extent to which you agree or disagree with the following statements. Our linkage/CODES project has...

Answered: 24 Skipped: 1



	Strongly agree	Agree	Disagree	Strongly disagree	Neither agree nor disagree	Total
adequate financial resources to participate in data linkage and analysis efforts.	16.67% 4	25% 6	41.67% 10	12.50% 3	4.17% 1	24

Characteristics of a State Linkage System

had at least 1 position in which the job description included work related to planning, implementing, and/or evaluating data linkage and analysis efforts.	37.50% 9	37.50% 9	8.33% 2	4.17% 1	12.50% 3	24
provided access to data linkage and analysis results through publications, factsheets, etc...	41.67% 10	37.50% 9	8.33% 2	0% 0	12.50% 3	24
formal or informal partnerships with agencies with which we can collaborate on data linkage and analysis efforts.	34.78% 8	60.87% 14	4.35% 1	0% 0	0% 0	23
adequate access to technical assistance when we run into problems linking data.	29.17% 7	45.83% 11	16.67% 4	4.17% 1	4.17% 1	24
adequate access to technical assistance when we run into problems analyzing data.	30.43% 7	43.48% 10	4.35% 1	4.35% 1	17.39% 4	23

Q28 List the top three obstacles that might keep you from OBTAINING data or data sets timely:

Answered: 18 Skipped: 7

Answer Choices	Responses	
Obstacle 1:	100%	18
Obstacle 2:	50%	9
Obstacle 3:	22.22%	4
Total Respondents: 18		

Q29 List the top three challenges that you have in LINKING data for your linkage/CODES project:

Answered: 20 Skipped: 5

Answer Choices	Responses
Challenge 1:	100% 20
Challenge 2:	50% 10
Challenge 3:	15% 3
Total Respondents: 20	

Q30 List the top three challenges that you have in ANALYZING data from your linkage/CODES project.

Answered: 16 Skipped: 9

Answer Choices	Responses	
Challenge 1:	100%	16
Challenge 2:	43.75%	7
Challenge 3:	18.75%	3
Total Respondents: 16		