

## Appendix 2. Detailed Data on Associations

### Categorical Bed Size & Survey completion

```
. tab numBeds_cat SuppSurv, exact
```

Enumerating sample-space combinations:

stage 3: enumerations = 1

stage 2: enumerations = 3

stage 1: enumerations = 0

numBeds_cat	SuppSurv		Total
	N	Y	
<=50	7	17	24
51-200	0	20	20
>200	0	3	3
Total	7	40	47

Fisher's exact = 0.014

### Categorical Bed Size & When ASP started (Q3)

```
. tab q3_ord numBeds_cat, exact
```

Enumerating sample-space combinations:

```
stage 10: enumerations = 1
stage 9:  enumerations = 3
stage 8:  enumerations = 6
stage 7:  enumerations = 10
stage 6:  enumerations = 34
stage 5:  enumerations = 66
stage 4:  enumerations = 91
stage 3:  enumerations = 104
stage 2:  enumerations = 200
stage 1:  enumerations = 0
```

q3_ord	numBeds_cat			Total
	<=50	51-200	>200	
Prior to 2014	0	1	1	2
2014	0	1	0	1
2015	1	1	0	2
2016	0	6	0	6
2017	2	5	2	9
2018	1	1	0	2
2019	4	0	0	4
2020	1	0	0	1
2021	1	1	0	2
2022	1	0	0	1
Total	11	16	3	30

Fisher's exact = 0.038

Categorical Bed Size & Proportion of ASP that is civilian/contractor (Q10)

. tab numBeds\_cat q10, exact

Enumerating sample-space combinations:

stage 6: enumerations = 1  
 stage 5: enumerations = 3  
 stage 4: enumerations = 33  
 stage 3: enumerations = 127  
 stage 2: enumerations = 783  
 stage 1: enumerations = 0

numBeds_cat	q10						Total
	0% (all..	1-25%	100% (a..	26-50%	51-75%	76-99%	
<=50	4	8	1	0	1	3	17
51-200	0	7	0	6	6	1	20
>200	0	0	0	3	0	0	3
Total	4	15	1	9	7	4	40

Fisher's exact = 0.001

Categorical Bed Size & Proportion of ASP that is pharmacists (Q11)

. tab numBeds\_cat q11\_ord, exact

Enumerating sample-space combinations:

stage 3: enumerations = 1  
 stage 2: enumerations = 2  
 stage 1: enumerations = 0

numBeds_cat	q11_ord			Total
	1-25%	26-50%	51-75%	
<=50	9	6	2	17
51-200	15	4	1	20
>200	3	0	0	3
Total	27	10	3	40

Fisher's exact = 0.579

## Categorical Bed Size & Percent time Pharmacist Spends on ASP (Q14)

```
. tab numBeds_cat q14_ord, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 5

stage 2: enumerations = 22

stage 1: enumerations = 0

numBeds_cat	q14_ord				Total
	1-25%	26-50%	51-75%	76-100%	
<=50	12	3	0	2	17
51-200	10	4	2	4	20
>200	1	2	0	0	3
Total	23	9	2	6	40

Fisher's exact = 0.440

## Categorical Bed Size & Medical Affiliation

```
. tab medAff numBeds_cat, exact
```

Enumerating sample-space combinations:

stage 3: enumerations = 1

stage 2: enumerations = 4

stage 1: enumerations = 0

medAff	numBeds_cat			Total
	<=50	51-200	>200	
N	24	4	0	28
Y	3	16	3	22
Total	27	20	3	50

Fisher's exact = 0.000

## Categorical Bed Size & Location U.S./Not

```
. tab LocNonUS numBeds_cat, exact
```

```
Enumerating sample-space combinations:
```

```
stage 3: enumerations = 1
```

```
stage 2: enumerations = 4
```

```
stage 1: enumerations = 0
```

LocNonUS	numBeds_cat			Total
	<=50	51-200	>200	
N	15	18	3	36
Y	12	2	0	14
Total	27	20	3	50

```
Fisher's exact = 0.023
```

## Categorical Bed Size & U.S. Region

```
. tab Region numBeds_cat if Region>0, exact
```

Enumerating sample-space combinations:

```
stage 9: enumerations = 1  
stage 8: enumerations = 3  
stage 7: enumerations = 6  
stage 6: enumerations = 9  
stage 5: enumerations = 24  
stage 4: enumerations = 69  
stage 3: enumerations = 113  
stage 2: enumerations = 168  
stage 1: enumerations = 0
```

Region	numBeds_cat			Total
	<=50	51-200	>200	
2	1	0	0	1
3	1	2	1	4
4	5	6	0	11
5	0	1	0	1
6	1	2	1	4
7	2	0	0	2
8	0	1	0	1
9	2	5	0	7
10	3	1	1	5
Total	15	18	3	36

Fisher's exact = 0.448

## Categorical Bed Size & Service

```
. tab numBeds_cat Service, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 15

stage 2: enumerations = 184

stage 1: enumerations = 0

numBeds_cat	Service				Total
	Air Force	Army	Joint	Navy	
<=50	6	8	1	12	27
51-200	4	10	2	4	20
>200	0	0	2	1	3
Total	10	18	5	17	50

Fisher's exact = 0.052

## Medical Affiliation & Survey completion

```
. tab medAff SuppSurv, exact
```

medAff	SuppSurv		Total
	N	Y	
N	6	20	26
Y	1	20	21
Total	7	40	47

Fisher's exact = 0.112

1-sided Fisher's exact = 0.087

Medical Affiliation & When ASP started (Q3)

```
. tab q3_ord medAff, exact
```

Enumerating sample-space combinations:

```
stage 10: enumerations = 1
stage 9:  enumerations = 2
stage 8:  enumerations = 3
stage 7:  enumerations = 4
stage 6:  enumerations = 10
stage 5:  enumerations = 17
stage 4:  enumerations = 24
stage 3:  enumerations = 30
stage 2:  enumerations = 47
stage 1:  enumerations = 0
```

q3_ord	medAff		Total
	N	Y	
Prior to 2014	0	2	2
2014	0	1	1
2015	1	1	2
2016	0	6	6
2017	2	7	9
2018	2	0	2
2019	3	1	4
2020	1	0	1
2021	2	0	2
2022	1	0	1
Total	12	18	30

Fisher's exact = 0.006



Medical Affiliation & Proportion of ASP that is civilian/contractor (Q10)

```
. tab medAff q10_ord, exact
```

Enumerating sample-space combinations:

```
stage 6: enumerations = 1
stage 5: enumerations = 1
stage 4: enumerations = 5
stage 3: enumerations = 15
stage 2: enumerations = 97
stage 1: enumerations = 0
```

medAff	q10_ord						Total
	0% (all m	1-25%	26-50%	51-75%	76-99%	100% (all	
N	4	10	0	2	3	1	20
Y	0	5	9	5	1	0	20
Total	4	15	9	7	4	1	40

Fisher's exact = 0.000

Medical Affiliation & Proportion of ASP that is pharmacists (Q11)

```
. tab medAff q11_ord, exact
```

Enumerating sample-space combinations:

```
stage 3: enumerations = 1
stage 2: enumerations = 1
stage 1: enumerations = 0
```

medAff	q11_ord			Total
	1-25%	26-50%	51-75%	
N	12	6	2	20
Y	15	4	1	20
Total	27	10	3	40

Fisher's exact = 0.597

Medical Affiliation & Percent time Pharmacist Spends on ASP (Q14)

```
. tab medAff q14_ord, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 2

stage 2: enumerations = 8

stage 1: enumerations = 0

medAff	q14_ord				Total
	1-25%	26-50%	51-75%	76-100%	
N	15	2	0	3	20
Y	8	7	2	3	20
Total	23	9	2	6	40

Fisher's exact = 0.059

Medical Affiliation & Location U.S./Not

```
. tab LocNonUS medAff, exact
```

LocNonUS	medAff		Total
	N	Y	
N	15	21	36
Y	13	1	14
Total	28	22	50

Fisher's exact = 0.001

1-sided Fisher's exact = 0.001

## Medical Affiliation & U.S. Region

```
. tab Region medAff if Region>0, exact
```

Enumerating sample-space combinations:

```
stage 9: enumerations = 1  
stage 8: enumerations = 2  
stage 7: enumerations = 3  
stage 6: enumerations = 4  
stage 5: enumerations = 10  
stage 4: enumerations = 34  
stage 3: enumerations = 60  
stage 2: enumerations = 96  
stage 1: enumerations = 0
```

Region	medAff		Total
	N	Y	
2	1	0	1
3	0	4	4
4	4	7	11
5	0	1	1
6	1	3	4
7	2	0	2
8	1	0	1
9	2	5	7
10	4	1	5
Total	15	21	36

Fisher's exact = 0.083

## Medical Affiliation & Service

`. tab medAff Service, exact`

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 4

stage 2: enumerations = 15

stage 1: enumerations = 0

medAff	Service				Total
	Air Force	Army	Joint	Navy	
N	5	11	1	11	28
Y	5	7	4	6	22
Total	10	18	5	17	50

Fisher's exact = 0.364

## Location U.S./Not & Survey completion

`. tab LocNonUS SuppSurv, exact`

LocNonUS	SuppSurv		Total
	N	Y	
N	5	29	34
Y	2	11	13
Total	7	40	47

Fisher's exact = 1.000

1-sided Fisher's exact = 0.636

Location U.S./Not & When ASP started (Q3)

```
. tab q3_ord LocNonUS, exact
```

Enumerating sample-space combinations:

```
stage 11: enumerations = 1
stage 10: enumerations = 2
stage 9:  enumerations = 3
stage 8:  enumerations = 4
stage 7:  enumerations = 8
stage 6:  enumerations = 12
stage 5:  enumerations = 15
stage 4:  enumerations = 18
stage 3:  enumerations = 42
stage 2:  enumerations = 109
stage 1:  enumerations = 0
```

q3_ord	LocNonUS		Total
	N	Y	
Prior to 2014	2	0	2
2014	1	0	1
2015	1	1	2
2016	6	0	6
2017	8	1	9
2018	1	1	2
2019	2	2	4
2020	1	0	1
2021	1	1	2
2022	1	0	1
Unknown	5	5	10
<b>Total</b>	<b>29</b>	<b>11</b>	<b>40</b>

Fisher's exact = **0.277**

Location U.S./Not & Proportion of ASP that is civilian/contractor (Q10)

. tab LocNonUS q10\_ord, exact

Enumerating sample-space combinations:

stage 6: enumerations = 1  
 stage 5: enumerations = 2  
 stage 4: enumerations = 10  
 stage 3: enumerations = 26  
 stage 2: enumerations = 86  
 stage 1: enumerations = 0

LocNonUS	q10_ord						Total
	0% (all m	1-25%	26-50%	51-75%	76-99%	100% (all	
N	0	9	9	6	4	1	29
Y	4	6	0	1	0	0	11
Total	4	15	9	7	4	1	40

Fisher's exact = 0.002

Location U.S./Not & Proportion of ASP that is pharmacists (Q11)

. tab LocNonUS q11\_ord, exact

Enumerating sample-space combinations:

stage 3: enumerations = 1  
 stage 2: enumerations = 0  
 stage 1: enumerations = 0

LocNonUS	q11_ord			Total
	1-25%	26-50%	51-75%	
N	20	7	2	29
Y	7	3	1	11
Total	27	10	3	40

Fisher's exact = 1.000

Location U.S./Not & Percent time Pharmacist Spends on ASP (Q14)

```
. tab LocNonUS q14_ord, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 2

stage 2: enumerations = 5

stage 1: enumerations = 0

LocNonUS	q14_ord				Total
	1-25%	26-50%	51-75%	76-100%	
N	15	8	2	4	29
Y	8	1	0	2	11
Total	23	9	2	6	40

Fisher's exact = 0.550

Location U.S./Not & Service

```
. tab Service LocNonUS, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 5

stage 2: enumerations = 29

stage 1: enumerations = 0

Service	LocNonUS		Total
	N	Y	
Air Force	5	5	10
Army	16	2	18
Joint	5	0	5
Navy	10	7	17
Total	36	14	50

Fisher's exact = 0.038

U.S. Region & Survey completion

\*Details not included due to risk of facility identification

U.S. Region & When ASP started (Q3)

. tab q3\_ord Region if q3\_ord<11 & Region>0, exact

Enumerating sample-space combinations:

stage 10: enumerations = 1  
 stage 9: enumerations = 6  
 stage 8: enumerations = 17  
 stage 7: enumerations = 34  
 stage 6: enumerations = 53  
 stage 5: enumerations = 62  
 stage 4: enumerations = 61  
 stage 3: enumerations = 71  
 stage 2: enumerations = 45  
 stage 1: enumerations = 0

q3_ord	Region							Total
	2	3	4	5	6	9	10	
Prior to 2014	0	1	1	0	0	0	0	2
2014	0	0	1	0	0	0	0	1
2015	0	0	0	0	0	1	0	1
2016	0	2	2	1	0	1	0	6
2017	1	0	1	0	3	2	1	8
2018	0	0	1	0	0	0	0	1
2019	0	0	1	0	0	1	0	2
2020	0	0	0	0	1	0	0	1
2021	0	0	0	0	0	0	1	1
2022	0	0	1	0	0	0	0	1
Total	1	3	8	1	4	5	2	24

Fisher's exact = 0.826



U.S. Region & Proportion of ASP that is civilian/contractor (Q10)

. tab Region q10\_ord if Region>0, exact

Enumerating sample-space combinations:

stage 8: enumerations = 1  
stage 7: enumerations = 4  
stage 6: enumerations = 10  
stage 5: enumerations = 19  
stage 4: enumerations = 143  
stage 3: enumerations = 369  
stage 2: enumerations = 584  
stage 1: enumerations = 0

Region	q10_ord					Total
	1-25%	26-50%	51-75%	76-99%	100% (all)	
2	0	0	0	0	1	1
3	0	3	0	0	0	3
4	2	2	3	2	0	9
5	0	0	1	0	0	1
6	1	1	2	0	0	4
8	0	0	0	1	0	1
9	5	2	0	0	0	7
10	1	1	0	1	0	3
Total	9	9	6	4	1	29

Fisher's exact = 0.060

## U.S. Region & Proportion of ASP that is pharmacists (Q11)

```
. tab Region q11_ord, exact
```

Enumerating sample-space combinations:

```
stage 8: enumerations = 1  
stage 7: enumerations = 3  
stage 6: enumerations = 6  
stage 5: enumerations = 9  
stage 4: enumerations = 33  
stage 3: enumerations = 58  
stage 2: enumerations = 105  
stage 1: enumerations = 0
```

Region	q11_ord			Total
	1-25%	26-50%	51-75%	
2	0	0	1	1
3	1	2	0	3
4	8	1	0	9
5	0	0	1	1
6	3	1	0	4
8	0	1	0	1
9	5	2	0	7
10	3	0	0	3
Total	20	7	2	29

Fisher's exact = 0.027

U.S. Region & Percent time Pharmacist Spends on ASP (Q14)

. tab Region q14\_ord if Region>0, exact

Enumerating sample-space combinations:

stage 8: enumerations = 1  
 stage 7: enumerations = 4  
 stage 6: enumerations = 8  
 stage 5: enumerations = 10  
 stage 4: enumerations = 30  
 stage 3: enumerations = 50  
 stage 2: enumerations = 74  
 stage 1: enumerations = 0

Region	q14_ord				Total
	1-25%	26-50%	51-75%	76-100%	
2	0	1	0	0	1
3	1	1	1	0	3
4	4	3	0	2	9
5	1	0	0	0	1
6	2	1	1	0	4
8	1	0	0	0	1
9	4	1	0	2	7
10	2	1	0	0	3
Total	15	8	2	4	29

Fisher's exact = 0.920

## U.S. Region & Service

. tab Region Service if Region>0, exact

Enumerating sample-space combinations:

stage 9: enumerations = 1  
stage 8: enumerations = 3  
stage 7: enumerations = 7  
stage 6: enumerations = 13  
stage 5: enumerations = 63  
stage 4: enumerations = 364  
stage 3: enumerations = 642  
stage 2: enumerations = 809  
stage 1: enumerations = 0

Region	Service				Total
	Air Force	Army	Joint	Navy	
2	0	1	0	0	1
3	0	1	2	1	4
4	2	5	0	4	11
5	1	0	0	0	1
6	0	3	1	0	4
7	0	2	0	0	2
8	0	1	0	0	1
9	2	2	0	3	7
10	0	1	2	2	5
Total	5	16	5	10	36

Fisher's exact = 0.308

## Service & Survey completion

```
. tab Service SuppSurv, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 2

stage 2: enumerations = 2

stage 1: enumerations = 0

Service	SuppSurv		Total
	N	Y	
Air Force	2	7	9
Army	2	16	18
Joint	0	4	4
Navy	3	13	16
Total	7	40	47

Fisher's exact = 0.770

Service & When ASP started (Q3)

```
. tab q3_ord Service if q3_ord<11, exact
```

Enumerating sample-space combinations:

```
stage 10: enumerations = 1
stage 9:  enumerations = 4
stage 8:  enumerations = 9
stage 7:  enumerations = 15
stage 6:  enumerations = 36
stage 5:  enumerations = 57
stage 4:  enumerations = 58
stage 3:  enumerations = 43
stage 2:  enumerations = 41
stage 1:  enumerations = 0
```

q3_ord	Service				Total
	Air Force	Army	Joint	Navy	
Prior to 2014	1	0	0	1	2
2014	0	0	0	1	1
2015	1	1	0	0	2
2016	1	3	1	1	6
2017	2	4	2	1	9
2018	0	1	0	1	2
2019	0	2	0	2	4
2020	0	1	0	0	1
2021	1	0	1	0	2
2022	0	1	0	0	1
Total	6	13	4	7	30

Fisher's exact = 0.933

Service & Proportion of ASP that is civilian/contractor (Q10)

. tab Service q10\_ord, exact

Enumerating sample-space combinations:

stage 6: enumerations = 1  
stage 5: enumerations = 4  
stage 4: enumerations = 103  
stage 3: enumerations = 734  
stage 2: enumerations = 3424  
stage 1: enumerations = 0

Service	q10_ord						Total
	0% (all m	1-25%	26-50%	51-75%	76-99%	100% (all	
Air Force	0	5	1	1	0	0	7
Army	0	3	3	6	3	1	16
Joint	0	1	3	0	0	0	4
Navy	4	6	2	0	1	0	13
Total	4	15	9	7	4	1	40

Fisher's exact = 0.016

. tab Service, summarize (q10\_ord)

Service	Summary of q10_ord		
	Mean	Std. Dev.	Freq.
Air Force	2.4285714	.78679579	7
Army	3.75	1.183216	16
Joint	2.75	.5	4
Navy	2.0769231	1.1151636	13
Total	2.875	1.2646577	40

Service & Proportion of ASP that is pharmacists (Q11)

```
. tab Service q11_ord, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 4

stage 2: enumerations = 9

stage 1: enumerations = 0

Service	q11_ord			Total
	1-25%	26-50%	51-75%	
Air Force	5	1	1	7
Army	10	4	2	16
Joint	3	1	0	4
Navy	9	4	0	13
<b>Total</b>	<b>27</b>	<b>10</b>	<b>3</b>	<b>40</b>

Fisher's exact = 0.882

Service & Percent time Pharmacist Spends on ASP (Q14)

```
. tab Service q14_ord, exact
```

Enumerating sample-space combinations:

stage 4: enumerations = 1

stage 3: enumerations = 10

stage 2: enumerations = 167

stage 1: enumerations = 0

Service	q14_ord				Total
	1-25%	26-50%	51-75%	76-100%	
Air Force	5	0	0	2	7
Army	9	3	1	3	16
Joint	1	2	1	0	4
Navy	8	4	0	1	13
<b>Total</b>	<b>23</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>40</b>

Fisher's exact = 0.317