

The CONTENTS Procedure

<b>Data Set Name</b>	WORK.VACCINATIONDATA	<b>Observations</b>	4798
<b>Member Type</b>	DATA	<b>Variables</b>	9
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	18/08/2025 18:07:07	<b>Observation Length</b>	112
<b>Last Modified</b>	18/08/2025 18:07:07	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>		<b>Sorted</b>	NO
<b>Label</b>			
<b>Data Representation</b>	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
<b>Encoding</b>	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
<b>Data Set Page Size</b>	131072
<b>Number of Data Set Pages</b>	5
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	1168
<b>Obs in First Data Page</b>	1141
<b>Number of Data Set Repairs</b>	0
<b>Filename</b>	/saswork/SAS_work180B0001F177_odaws02-usw2.oda,sas.com/SAS_work60890001F177_odaws02-usw2.oda,sas.com/vaccinationdata.sas7bdat
<b>Release Created</b>	9.0401M8
<b>Host Created</b>	Linux
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Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	
1	Vaccine	Char	9	\$9.	\$9.	
2	Geography Type	Char	6	\$6.	\$6.	
3	Geography	Char	8	\$8.	\$8.	
4	Survey Year/Influenza Season	Num	8	BEST12.	BEST32.	
5	Dimension Type	Char	18	\$18.	\$18.	
6	Dimension	Char	39	\$39.	\$39.	
7	Estimate (%)	Char	4	\$4.	\$4.	
8	95% CI (%)	Char	12	\$12.	\$12.	
9	Sample Size	Num	8	BEST12.	BEST32.	

Obs	Vaccine	Geography	Estimate (%)
1	Influenza	Oklahoma	45.2
2	Influenza	Oklahoma	34.1
3	Influenza	Oklahoma	53.4
4	Influenza	Oklahoma	51

Obs	Vaccine	Geography	Estimate (%)
5	Tdap	Oklahoma	64.9
6	Tdap	Oklahoma	59.6
7	Tdap	Oklahoma	70.9
8	Tdap	Oklahoma	70.3
9	Influenza	Oklahoma	51.1
10	Influenza	Oklahoma	45.4
11	Influenza	Oklahoma	54.9
12	Influenza	Oklahoma	47.6
13	Influenza	Oklahoma	51.6
14	Influenza	Oklahoma	39.7
15	Influenza	Oklahoma	48.1
16	Influenza	Oklahoma	56.5
17	Influenza	Oklahoma	54.8
18	Influenza	Oklahoma	NR*
19	Influenza	Oklahoma	53.3
20	Influenza	Oklahoma	50.2

Obs	Vaccine	Geography	Estimate (%)	Estimate_Num
1	Influenza	Oklahoma	45.2	45.2
2	Influenza	Oklahoma	34.1	34.1
3	Influenza	Oklahoma	53.4	53.4
4	Influenza	Oklahoma	51	51.0
5	Tdap	Oklahoma	64.9	64.9
6	Tdap	Oklahoma	59.6	59.6
7	Tdap	Oklahoma	70.9	70.9
8	Tdap	Oklahoma	70.3	70.3
9	Influenza	Oklahoma	51.1	51.1
10	Influenza	Oklahoma	45.4	45.4
11	Influenza	Oklahoma	54.9	54.9
12	Influenza	Oklahoma	47.6	47.6
13	Influenza	Oklahoma	51.6	51.6
14	Influenza	Oklahoma	39.7	39.7
15	Influenza	Oklahoma	48.1	48.1
16	Influenza	Oklahoma	56.5	56.5
17	Influenza	Oklahoma	54.8	54.8
18	Influenza	Oklahoma	NR*	.
19	Influenza	Oklahoma	53.3	53.3
20	Influenza	Oklahoma	50.2	50.2

#### The MEANS Procedure

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
Influenza	18-24 Years	Alabama	8	8	37.9	37.5	34.8	42.4	2.5
		Alaska	9	9	59.7	60.5	48.9	66.8	5.6
		Arizona	2	2	44.9	44.9	38.8	51.0	8.6
		Arkansas	8	8	51.0	53.9	34.0	63.4	9.8

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		Colorado	10	10	61.6	60.2	51.3	72.3	7.5
		Commonwe	1	1	83.5	83.5	83.5	83.5	.
		Connecti	9	9	62.6	63.0	53.7	69.3	4.9
		Delaware	11	11	48.2	49.7	33.4	56.8	6.6
		District	5	4	45.6	45.6	34.1	56.9	9.9
		Florida	2	2	27.9	27.9	25.9	29.9	2.8
		Georgia	7	7	26.8	27.6	14.7	33.5	5.9
		Hawaii	9	9	54.5	56.4	38.5	72.5	9.5
		Illinoi	10	10	48.7	48.1	42.5	57.5	4.7
		Indiana	1	1	52.9	52.9	52.9	52.9	.
		Iowa	8	8	63.3	63.0	54.6	73.3	7.0
		Kansas	6	6	58.9	60.0	51.4	65.0	5.7
		Kentucky	5	5	38.7	37.0	33.7	43.9	4.2
		Louisian	7	7	40.0	40.4	35.4	44.8	3.8
		Maine	11	11	56.3	55.0	40.7	69.5	8.2
		Maryland	9	9	50.7	52.3	40.5	61.1	7.9
		Massachu	11	11	64.0	65.9	51.0	70.9	5.5
		Michigan	10	10	42.4	43.4	36.9	46.7	3.7
		Minnesot	6	4	58.9	59.7	52.8	63.3	4.4
		Mississi	4	4	37.6	38.8	32.1	40.5	3.9
		Missouri	11	11	49.9	53.2	32.6	60.1	8.0
		Montana	6	6	57.6	57.3	42.2	68.4	9.6
		NY-City	11	11	48.9	51.7	29.5	63.2	10.5
		NY-Rest	9	9	50.1	47.2	45.6	67.0	6.7
		Nebraska	10	10	64.2	63.8	51.6	71.8	5.9
		New Hamp	8	7	59.9	57.7	54.3	65.3	4.2
		New Jers	11	11	42.7	42.9	30.7	55.2	6.4
		New Mexi	11	11	56.9	57.5	48.4	65.6	5.2
		New York	9	9	50.1	48.8	40.6	62.5	6.7
		North Ca	3	3	61.4	62.1	59.5	62.5	1.6
		North Da	6	6	63.5	63.9	55.9	70.2	6.1
		Ohio	3	3	37.1	39.2	32.6	39.6	3.9
		Oklahoma	9	9	43.2	43.8	33.1	54.0	6.2
		Oregon	7	7	56.7	58.5	46.5	65.1	6.8
		Pennsylv	11	11	48.2	45.9	38.1	65.2	7.3
		Puerto R	6	6	37.6	38.5	30.5	41.9	3.9
		Rhode Is	8	8	72.8	74.6	56.7	79.2	6.9
		South Da	6	6	67.4	70.4	52.6	75.9	9.1
		Tennesse	7	7	41.7	38.9	38.0	50.0	4.6
		Texas	2	2	53.4	53.4	53.3	53.4	0.1
		United S	11	11	48.2	50.2	39.8	52.5	4.0
		Utah	11	11	56.2	55.5	41.9	65.2	7.1
		Vermont	11	11	56.0	54.8	49.5	65.4	5.4
		Virginia	8	8	49.8	48.4	43.0	60.1	6.8
		Washingt	11	11	57.9	57.4	47.1	70.2	6.3
		West Vir	9	9	49.4	48.2	39.7	64.7	8.0
		Wisconsi	11	11	56.5	56.8	49.3	65.7	5.4
		Wyoming	11	11	47.1	48.1	32.0	61.7	9.1

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
	25-34 Years	Alabama	8	8	50.2	52.4	42.2	55.3	4.8
		Alaska	9	9	57.7	57.6	48.3	62.7	4.4
		Arizona	2	2	52.3	52.3	46.0	58.6	8.9
		Arkansas	8	8	59.4	60.1	53.0	66.9	5.3
		Colorado	10	10	68.5	68.8	55.2	75.6	5.6
		Commonwe	1	1	85.0	85.0	85.0	85.0	.
		Connecti	9	9	69.6	69.8	63.8	74.8	3.7
		Delaware	11	11	57.9	57.9	46.9	64.6	4.7
		District	5	5	66.2	67.3	60.5	74.9	5.9
		Florida	2	2	42.3	42.3	41.8	42.9	0.8
		Georgia	7	7	40.2	42.4	29.3	45.6	5.9
		Hawaii	9	9	57.3	57.9	42.6	67.6	8.0
		Illinois	10	10	58.2	58.2	48.5	67.2	5.6
		Indiana	1	1	56.4	56.4	56.4	56.4	.
		Iowa	8	8	72.3	70.8	69.1	77.1	3.1
		Kansas	6	6	68.0	70.1	59.8	72.6	4.8
		Kentucky	5	5	54.9	57.4	47.0	58.2	4.8
		Louisian	7	7	51.0	49.5	46.1	57.1	4.4
		Maine	11	11	63.9	63.6	53.1	72.2	5.2
		Maryland	9	9	61.1	60.8	49.9	74.6	7.4
		Massachu	11	11	74.5	74.8	69.9	80.3	3.6
		Michigan	10	10	54.3	55.4	45.4	61.6	4.9
		Minnesot	6	6	70.5	71.3	66.4	73.5	2.6
		Mississi	4	4	49.4	50.6	43.2	53.1	4.5
		Missouri	11	11	59.5	58.0	51.8	66.7	4.4
		Montana	6	6	62.6	63.7	51.9	69.8	6.0
		NY-City	11	11	55.5	55.7	37.7	67.1	8.1
		NY-Rest	9	9	59.5	57.8	55.3	68.6	4.3
		Nebraska	10	10	72.2	71.9	60.7	80.4	5.5
		New Hamp	8	8	70.4	70.1	64.8	76.8	3.9
		New Jers	11	11	50.9	51.9	40.1	58.6	5.8
		New Mexi	11	11	62.4	63.9	48.7	68.4	6.0
		New York	9	9	57.9	57.6	50.7	67.1	4.4
		North Ca	3	3	64.9	65.9	61.2	67.6	3.3
		North Da	6	6	70.3	71.9	63.0	74.7	4.4
		Ohio	3	3	49.5	51.4	44.4	52.6	4.4
		Oklahoma	9	9	52.8	54.9	43.5	58.8	5.1
		Oregon	7	7	63.0	64.2	54.7	68.3	4.5
		Pennsylv	11	11	59.3	59.6	50.0	67.5	4.7
		Puerto R	6	6	30.6	31.8	21.7	34.6	4.7
		Rhode Is	8	8	73.5	74.8	61.4	81.5	6.0
		South Da	6	6	74.0	75.3	65.4	77.1	4.4
		Tennesse	7	7	54.4	55.8	45.2	58.3	5.0
		Texas	2	2	56.2	56.2	52.7	59.6	4.9
		United S	11	11	58.8	58.4	49.8	62.9	3.6
		Utah	11	11	62.5	62.1	53.1	69.4	4.4
		Vermont	11	11	67.3	67.3	58.5	74.3	4.3
		Virginia	8	8	63.1	61.6	59.6	68.4	3.1

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		Washington	11	11	66.2	65.5	60.4	73.2	3.3
		West Virginia	9	9	58.6	59.4	45.4	66.1	6.3
		Wisconsin	11	11	67.0	68.5	57.5	73.8	5.1
		Wyoming	11	11	56.2	56.1	42.6	66.5	6.6
	>=18 Years	Alabama	8	8	46.7	47.0	41.4	52.8	3.7
		Alaska	9	9	58.8	59.0	49.2	64.0	4.4
		Arizona	2	2	51.1	51.1	44.8	57.3	8.8
		Arkansas	8	8	56.1	59.1	46.6	61.7	6.0
		Colorado	10	10	68.1	68.2	56.1	74.8	5.5
		Commonwealth	1	1	84.6	84.6	84.6	84.6	.
		Connecticut	9	9	69.7	69.9	66.0	74.8	3.1
		Delaware	11	11	56.5	57.2	41.6	62.9	5.9
		District of Columbia	5	5	69.4	68.1	66.0	73.7	3.7
		Florida	2	2	40.5	40.5	39.7	41.3	1.1
		Georgia	7	7	37.0	40.2	23.4	42.0	6.6
		Hawaii	9	9	57.1	58.9	42.0	68.7	7.9
		Illinois	10	10	57.3	56.4	49.1	65.1	5.0
		Indiana	1	1	55.7	55.7	55.7	55.7	.
		Iowa	8	8	70.3	69.5	64.4	77.1	4.3
		Kansas	6	6	65.4	67.1	56.7	71.2	5.3
		Kentucky	5	5	50.6	52.2	44.1	53.7	4.0
		Louisiana	7	7	48.4	46.7	45.8	53.1	3.2
		Maine	11	11	63.3	62.4	53.0	72.4	5.2
		Maryland	9	9	59.6	59.5	47.9	70.5	7.3
		Massachusetts	11	11	74.4	75.0	66.1	79.8	4.0
		Michigan	10	10	52.2	53.0	42.8	58.4	4.3
		Minnesota	6	6	68.8	69.4	66.0	70.0	1.5
		Mississippi	4	4	45.5	47.0	40.0	48.1	3.8
		Missouri	11	11	57.2	57.1	45.5	64.8	5.2
		Montana	6	6	61.3	62.6	49.3	68.5	6.6
		NY-City	11	11	55.5	56.2	37.8	65.0	7.9
		NY-Rest	9	9	58.5	57.3	54.6	64.5	3.1
		Nebraska	10	10	70.3	70.6	58.8	77.9	5.3
		New Hampshire	8	8	68.6	68.9	63.2	75.0	3.6
		New Jersey	11	11	50.7	52.1	38.6	60.8	6.2
		New Mexico	11	11	61.2	62.9	49.2	67.6	5.2
		New York City	9	9	57.5	57.8	50.5	64.3	3.8
		North Carolina	3	3	65.5	65.7	62.3	68.4	3.1
		North Dakota	6	6	68.8	69.5	60.2	74.1	5.3
		Ohio	3	3	45.9	48.4	39.5	49.8	5.6
		Oklahoma	9	9	50.0	51.1	42.2	57.3	4.9
		Oregon	7	7	63.1	63.7	54.3	68.8	5.2
		Pennsylvania	11	11	57.3	56.1	47.3	64.9	4.8
		Puerto Rico	6	6	33.2	35.1	25.0	37.3	4.5
		Rhode Island	8	8	73.5	74.8	60.4	82.2	6.1
		South Dakota	6	6	72.3	74.5	61.9	76.8	5.6
		Tennessee	7	7	51.7	52.4	44.1	56.4	4.0
		Texas	2	2	56.7	56.7	55.2	58.2	2.1

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		United S	11	11	57.1	57.3	47.4	61.1	3.8
		Utah	11	11	61.3	61.5	48.9	68.2	5.2
		Vermont	11	11	66.0	65.9	57.5	72.4	4.4
		Virginia	8	8	61.2	59.9	57.4	66.0	3.3
		Washingt	11	11	65.6	64.9	60.5	74.0	4.0
		West Vir	9	9	55.2	55.0	43.4	65.2	6.8
		Wisconsi	11	11	65.4	65.5	58.6	70.7	3.7
		Wyoming	11	11	53.6	52.9	39.1	65.6	7.1
	>=35 Years	Alabama	8	8	52.6	51.2	45.2	66.2	6.6
		Alaska	9	9	62.2	64.7	54.3	72.0	6.1
		Arizona	2	2	54.4	54.4	47.7	61.0	9.4
		Arkansas	8	3	58.0	57.6	52.3	64.0	5.9
		Colorado	10	10	73.4	74.1	65.5	82.0	4.9
		Commonwe	1	1	85.1	85.1	85.1	85.1	.
		Connecti	9	9	74.1	73.3	69.6	83.3	4.4
		Delaware	11	11	62.6	65.0	39.4	71.1	9.3
		District	5	5	83.8	82.0	79.4	90.8	4.4
		Florida	2	2	48.3	48.3	45.7	50.9	3.7
		Georgia	7	7	41.3	42.0	20.1	53.5	10.9
		Hawaii	9	9	59.1	59.3	44.7	71.6	7.2
		Illinois	10	10	63.5	62.3	57.5	72.1	5.1
		Indiana	1	1	58.2	58.2	58.2	58.2	.
		Iowa	8	8	72.9	74.0	59.8	81.7	7.0
		Kansas	6	6	65.9	68.0	52.3	77.6	8.6
		Kentucky	5	5	58.4	59.8	52.7	63.4	4.1
		Louisian	7	7	56.6	55.9	54.0	61.4	2.6
		Maine	11	11	69.0	70.4	57.4	75.1	4.9
		Maryland	9	9	64.0	64.1	50.5	75.9	8.2
		Massachu	11	11	79.3	80.4	68.1	85.8	4.6
		Michigan	10	10	57.8	58.4	45.1	64.1	5.7
		Minnesot	6	6	71.3	71.7	66.0	75.0	3.0
		Mississi	4	4	51.0	49.7	47.0	57.6	4.6
		Missouri	11	11	62.4	61.8	54.1	68.4	5.6
		Montana	6	6	61.0	63.0	47.9	67.3	7.4
		NY-City	11	11	60.0	62.3	45.6	65.7	5.7
		NY-Rest	9	9	63.5	63.7	58.5	67.4	2.5
		Nebraska	10	10	72.1	73.1	66.8	76.4	3.4
		New Hamp	8	8	71.1	70.0	64.9	81.4	5.9
		New Jers	11	11	54.6	54.3	40.7	68.2	7.9
		New Mexi	11	11	64.9	66.7	46.2	73.3	7.6
		New York	9	9	62.2	62.1	60.2	64.7	1.5
		North Ca	3	3	72.6	75.5	64.9	77.3	6.7
		North Da	6	6	70.2	72.9	54.6	81.9	10.1
		Ohio	3	3	49.1	56.5	32.0	58.8	14.9
		Oklahoma	9	9	54.3	53.4	43.5	69.1	9.4
		Oregon	7	7	69.3	70.7	57.9	78.7	7.6
		Pennsylv	11	11	61.6	63.9	52.1	69.6	6.2
		Puerto R	6	6	30.8	32.8	17.1	43.2	10.2

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		Rhode Is	8	8	74.9	76.3	62.5	87.1	7.1
		South Da	6	6	71.9	74.2	60.3	80.5	7.8
		Tennesse	7	7	62.7	61.6	54.3	75.5	6.9
		Texas	2	2	63.9	63.9	61.7	66.1	3.1
		United S	11	11	62.6	64.2	51.8	67.0	4.1
		Utah	11	11	64.3	67.6	43.4	74.6	8.3
		Vermont	11	11	71.1	72.1	59.5	77.2	5.4
		Virginia	8	8	66.5	65.8	62.2	73.4	3.9
		Washingt	11	11	70.4	71.6	57.2	78.8	6.5
		West Vir	9	9	58.8	57.8	44.9	72.1	9.4
		Wisconsi	11	11	68.2	70.0	51.9	76.4	6.9
		Wyoming	11	4	59.7	57.1	51.8	72.8	9.1
Black, Non-Hispanic	Alabama	8	8	38.3	38.1	30.8	45.5	4.7	
	Alaska	9	0	.	.	.	.	.	.
	Arizona	2	1	30.6	30.6	30.6	30.6	30.6	.
	Arkansas	8	8	46.3	50.0	35.7	53.2	7.6	
	Colorado	10	0	.	.	.	.	.	.
	Connecti	9	9	59.8	61.0	49.7	64.3	4.6	
	Delaware	11	11	43.9	43.1	28.3	54.4	6.9	
	District	5	5	43.8	45.7	33.6	58.7	10.1	
	Florida	2	2	26.3	26.3	24.8	27.8	2.1	
	Georgia	7	7	24.0	23.3	16.6	33.4	5.2	
	Hawaii	9	0	.	.	.	.	.	.
	Illinois	10	10	39.8	39.8	33.7	45.2	3.6	
	Indiana	1	1	42.1	42.1	42.1	42.1	.	.
	Iowa	8	8	60.1	61.6	55.8	62.6	2.7	
	Kansas	6	1	48.5	48.5	48.5	48.5	.	.
	Kentucky	5	5	49.8	53.5	41.7	55.6	6.3	
	Louisian	7	7	41.8	40.4	37.2	49.0	4.2	
	Maine	11	0	.	.	.	.	.	.
	Maryland	9	9	49.0	49.5	39.6	59.2	6.4	
	Massachu	11	11	69.2	69.9	57.8	76.1	4.8	
	Michigan	10	10	34.6	35.2	29.5	38.6	3.0	
	Minnesot	6	5	53.8	53.8	36.9	71.1	12.9	
	Mississi	4	4	36.5	38.5	28.3	40.7	5.6	
	Missouri	11	11	47.5	49.7	34.3	57.5	7.4	
	Montana	6	0	.	.	.	.	.	.
	NY-City	11	11	43.4	45.8	26.5	54.4	8.0	
	NY-Rest	9	2	54.8	54.8	48.7	60.9	8.6	
	Nebraska	10	10	61.7	65.2	49.4	76.3	9.1	
	New Hamp	8	0	.	.	.	.	.	.
	New Jers	11	11	36.1	35.3	30.8	44.6	4.3	
	New Mexi	11	0	.	.	.	.	.	.
	New York	9	9	46.3	47.4	36.6	56.2	6.0	
	North Ca	3	3	52.5	55.2	44.3	57.9	7.2	
	North Da	6	2	59.3	59.3	55.5	63.1	5.4	
	Ohio	3	3	43.4	41.7	41.4	47.0	3.2	
	Oklahoma	9	6	37.4	38.1	30.0	44.3	4.9	

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		Oregon	7	7	58.5	56.6	48.8	68.9	6.3
		Pennsylv	11	11	54.3	51.5	46.9	63.7	5.5
		Puerto R	6	0	.	.	.	.	.
		Rhode Is	8	7	75.5	78.2	56.5	83.5	8.8
		South Da	6	6	69.8	73.4	48.6	81.5	12.5
		Tennesse	7	7	35.3	35.6	29.2	40.0	3.4
		Texas	2	2	50.2	50.2	47.6	52.7	3.6
		United S	11	11	43.3	43.5	36.1	50.4	4.1
		Utah	11	0	.	.	.	.	.
		Virginia	8	8	47.0	45.3	36.2	60.2	8.4
		Washingt	11	11	64.7	64.7	53.3	71.5	5.4
		West Vir	9	0	.	.	.	.	.
		Wisconsi	11	11	55.2	55.5	44.7	64.6	6.1
		Wyoming	10	0	.	.	.	.	.
Hispanic	Alabama	8	8	46.3	47.6	38.0	53.8	5.3	
	Alaska	9	7	63.5	61.9	53.1	72.3	6.9	
	Arizona	2	2	51.6	51.6	45.6	57.5	8.4	
	Arkansas	8	3	67.8	68.1	61.9	73.4	5.8	
	Colorado	10	10	69.7	71.9	58.2	76.2	5.4	
	Commonwe	1	0	.	.	.	.	.	
	Connecti	9	9	68.1	67.9	65.2	72.3	2.4	
	Delaware	11	11	67.2	67.7	57.8	75.8	5.2	
	District	5	5	85.8	86.1	80.7	90.9	3.7	
	Florida	2	2	39.2	39.2	36.0	42.3	4.5	
	Georgia	7	6	39.0	40.7	30.6	45.7	6.1	
	Hawaii	9	9	52.5	53.3	40.7	67.9	9.2	
	Illinois	10	10	56.7	55.6	47.7	67.2	6.1	
	Indiana	1	1	64.1	64.1	64.1	64.1	.	
	Iowa	8	8	69.1	70.3	59.5	74.1	4.7	
	Kansas	6	6	63.9	63.0	56.8	76.3	6.8	
	Kentucky	5	0	.	.	.	.	.	
	Louisian	7	6	56.3	55.4	49.6	64.4	5.2	
	Maine	11	0	.	.	.	.	.	
	Maryland	9	9	64.3	64.3	54.5	72.3	7.0	
	Massachu	11	11	74.7	74.5	68.8	80.4	3.5	
	Michigan	10	7	58.1	60.0	49.3	68.9	7.4	
	Minnesot	6	3	76.3	76.0	76.0	76.8	0.5	
	Mississi	4	0	.	.	.	.	.	
	Missouri	11	1	64.9	64.9	64.9	64.9	.	
	Montana	6	1	68.7	68.7	68.7	68.7	.	
	NY-City	11	11	59.5	60.6	41.4	71.1	9.5	
	NY-Rest	9	9	56.9	56.3	46.5	65.2	6.4	
	Nebraska	10	10	67.6	69.1	58.6	76.0	6.4	
	New Hamp	8	0	.	.	.	.	.	
	New Jers	11	11	48.6	49.6	35.0	59.1	5.9	
	New Mexi	11	11	60.0	62.6	46.8	65.7	5.6	
	New York	9	9	58.8	59.9	46.1	65.7	5.5	
	North Ca	3	3	72.9	71.7	68.3	78.7	5.3	

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		North Da	6	1	74.4	74.4	74.4	74.4	.
		Ohio	3	1	28.3	28.3	28.3	28.3	.
		Oklahoma	9	9	51.2	53.4	36.3	60.1	8.1
		Oregon	7	7	64.9	68.0	51.9	72.3	7.2
		Pennsylv	11	11	59.4	63.1	39.0	74.0	11.0
		Puerto R	6	6	33.1	34.9	25.2	37.0	4.4
		Rhode Is	8	8	76.2	75.3	67.7	84.6	5.4
		South Da	6	6	72.6	73.4	65.4	77.3	4.6
		Tennesse	7	2	48.5	48.5	48.1	48.9	0.6
		Texas	2	2	58.8	58.8	58.8	58.8	0.0
		United S	11	11	58.0	59.4	47.9	61.4	3.9
		Utah	11	11	64.7	63.8	57.4	70.9	4.5
		Virginia	8	8	66.4	67.5	60.0	71.0	3.6
		Washingt	11	11	69.8	70.2	58.8	79.1	5.9
		West Vir	9	0	.	.	.	.	.
		Wisconsi	11	11	66.1	66.7	57.0	73.0	5.3
		Wyoming	10	2	66.1	66.1	54.5	77.6	16.3
Other or Multiple Races, Non-Hispanic	Alabama	8	0	.	.	.	.	.	.
	Alaska	9	9	65.1	64.9	54.7	71.4	4.9	
	Arizona	2	2	62.5	62.5	56.8	68.2	8.1	
	Arkansas	8	0	.	.	.	.	.	.
	Colorado	10	8	71.6	72.2	63.0	78.0	5.7	
	Commonwe	1	1	85.6	85.6	85.6	85.6	85.6	.
	Connecti	9	9	71.4	72.1	65.6	75.1	2.9	
	Delaware	11	11	62.7	60.6	46.8	75.5	9.1	
	District	5	0	.	.	.	.	.	.
	Florida	2	0	.	.	.	.	.	.
	Georgia	7	0	.	.	.	.	.	.
	Hawaii	9	9	59.4	61.7	45.3	70.0	7.9	
	Illinois	10	10	68.6	67.6	51.1	83.9	9.6	
	Indiana	1	1	73.0	73.0	73.0	73.0	73.0	.
	Iowa	8	0	.	.	.	.	.	.
	Kansas	6	4	74.2	79.0	57.1	81.8	11.5	
	Kentucky	5	0	.	.	.	.	.	.
	Louisian	7	0	.	.	.	.	.	.
	Maine	11	1	73.2	73.2	73.2	73.2	73.2	.
	Maryland	9	9	64.1	63.0	40.2	82.6	14.4	
	Massachu	11	11	78.8	81.2	68.3	84.3	5.6	
	Michigan	10	9	58.0	58.0	48.5	72.1	7.5	
	Minnesot	6	6	67.2	67.8	61.2	72.4	4.0	
	Mississi	4	0	.	.	.	.	.	.
	Missouri	11	7	56.7	57.8	40.2	68.2	9.3	
	Montana	6	6	65.4	64.9	61.3	68.9	2.9	
	NY-City	11	11	61.6	66.0	37.6	70.8	10.1	
	NY-Rest	9	3	68.4	68.6	65.0	71.6	3.3	
	Nebraska	10	10	70.2	70.7	51.8	81.3	8.0	
	New Hamp	8	0	.	.	.	.	.	.
	New Jers	11	11	59.2	63.4	42.0	71.8	10.4	

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		New Mexi	11	11	71.1	72.4	63.7	75.8	4.8
		New York	9	9	64.2	67.4	52.7	70.2	6.3
		North Ca	3	3	66.3	63.5	63.5	72.0	4.9
		North Da	6	6	68.0	69.5	58.9	72.8	5.4
		Ohio	3	3	42.8	44.0	37.7	46.8	4.7
		Oklahoma	9	9	52.5	51.0	43.4	64.8	7.1
		Oregon	7	7	68.3	68.8	52.4	76.3	7.8
		Pennsylv	11	10	66.3	68.0	47.3	74.1	7.7
		Puerto R	5	0	.	.	.	.	.
		Rhode Is	8	8	72.1	73.3	58.5	85.0	7.9
		South Da	6	6	64.1	64.8	55.0	72.2	6.9
		Tennesse	7	0	.	.	.	.	.
		Texas	2	2	53.2	53.2	44.5	61.8	12.2
		United S	11	11	63.2	64.9	48.7	70.0	6.2
		Utah	11	8	64.1	67.3	47.0	74.1	8.3
		Vermont	11	11	71.0	72.0	56.6	81.5	7.8
		Virginia	8	3	72.9	72.8	67.2	78.6	5.7
		Washingt	11	11	74.0	72.9	66.7	80.4	4.7
		West Vir	9	0	.	.	.	.	.
		Wisconsi	11	11	68.5	69.4	61.3	73.3	3.7
		Wyoming	10	5	68.1	67.8	66.0	71.0	1.9
White, Non-Hispanic	Alabama	8	8	50.5	50.1	42.9	57.3	4.1	
	Alaska	9	9	54.1	55.1	46.8	59.2	3.8	
	Arizona	2	2	49.6	49.6	43.0	56.2	9.3	
	Arkansas	8	8	56.8	59.2	46.6	62.6	6.4	
	Colorado	10	10	67.5	67.8	56.2	74.9	5.9	
	Commonwe	1	0	.	.	.	.	.	
	Connecti	9	9	72.5	72.9	65.1	79.8	5.1	
	Delaware	11	11	58.4	59.5	43.3	65.9	6.1	
	District	5	5	91.2	91.5	87.0	95.1	2.9	
	Florida	2	2	46.9	46.9	42.7	51.1	5.9	
	Georgia	7	7	46.5	47.9	29.6	57.0	8.4	
	Hawaii	9	9	51.6	52.1	29.8	69.7	10.7	
	Illinois	10	10	61.0	60.1	52.2	70.0	5.6	
	Indiana	1	1	55.9	55.9	55.9	55.9	.	
	Iowa	8	8	71.6	70.6	65.6	79.6	4.8	
	Kansas	6	6	66.2	67.1	56.8	72.1	5.6	
	Kentucky	5	5	49.4	51.8	42.9	52.5	4.0	
	Louisian	7	7	52.3	52.2	48.9	57.8	3.0	
	Maine	11	11	63.5	63.2	51.9	73.1	5.6	
	Maryland	9	9	64.2	65.5	51.4	74.6	7.0	
	Massachu	11	11	74.5	75.8	66.8	80.8	4.8	
	Michigan	10	10	55.8	57.1	44.0	62.7	5.3	
	Minnesot	6	6	69.5	70.4	65.5	71.4	2.3	
	Mississi	4	4	52.5	53.0	47.3	56.7	3.9	
	Missouri	11	11	58.7	59.0	47.0	67.8	5.7	
	Montana	6	6	60.9	61.3	47.1	70.9	7.9	
	NY-City	11	11	55.4	55.3	40.8	65.5	7.1	

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		NY-Rest	9	9	59.2	57.6	56.6	64.7	3.2
		Nebraska	10	10	71.6	71.7	59.7	79.5	5.3
		New Hamp	8	8	68.6	68.7	63.4	76.3	4.1
		New Jers	11	11	54.2	54.9	41.6	63.9	6.8
		New Mexi	11	11	58.6	58.8	46.7	69.7	5.9
		New York	9	9	58.2	57.8	55.0	65.0	3.2
		North Ca	3	3	68.4	68.1	66.8	70.2	1.7
		North Da	6	6	69.8	69.6	62.2	76.3	5.4
		Ohio	3	3	46.5	48.9	39.6	51.1	6.1
		Oklahoma	9	9	50.3	51.6	40.0	56.7	5.5
		Oregon	7	7	61.8	61.1	55.3	67.3	4.7
		Pennsylv	11	11	56.9	55.8	46.4	65.8	5.4
		Puerto R	6	0	.	.	.	.	.
		Rhode Is	8	8	72.9	73.5	58.6	82.7	6.7
		South Da	6	6	74.5	76.8	63.4	78.7	5.7
		Tennesse	7	7	56.1	56.0	47.4	63.7	5.6
		Texas	2	2	56.4	56.4	54.5	58.3	2.7
		United S	11	11	59.2	60.0	49.5	65.5	4.4
		Utah	11	11	60.5	61.8	47.7	67.7	5.5
		Vermont	11	11	65.5	65.7	56.2	71.4	4.4
		Virginia	8	8	63.2	62.7	60.0	67.1	3.0
		Washingt	11	11	61.9	61.6	57.1	70.9	4.2
		West Vir	9	9	54.9	54.6	43.8	64.6	6.6
		Wisconsi	11	11	66.3	67.1	59.3	73.4	4.3
		Wyoming	10	10	53.6	53.0	38.7	63.9	7.3
Tdap	18-24 Years	Arkansas	5	5	63.8	64.0	51.8	78.1	9.5
		Colorado	10	10	62.9	68.5	21.6	76.9	17.4
		Delaware	11	11	58.1	72.8	7.7	80.3	26.1
		Hawaii	5	5	72.8	72.8	61.2	83.8	8.0
		Illinois	4	4	30.3	34.9	12.1	39.3	12.3
		Iowa	5	5	85.0	84.1	79.5	90.1	4.6
		Louisian	6	6	59.8	59.3	56.4	65.7	3.2
		Massachu	7	7	84.8	84.6	79.6	91.6	3.8
		Michigan	7	7	69.4	68.3	67.2	75.2	2.9
		Minnesot	4	4	84.1	83.7	79.4	89.5	4.1
		Mississi	4	4	53.8	54.1	50.1	56.9	2.8
		Missouri	11	11	62.7	71.2	18.3	81.2	22.3
		Montana	6	6	74.5	75.7	70.1	76.9	2.5
		NY-City	8	8	56.7	55.5	46.7	64.6	6.0
		NY-Rest	9	9	62.4	70.0	32.3	80.8	18.2
		Nebraska	6	6	84.9	85.7	78.0	87.9	3.6
		New Hamp	5	5	82.1	82.7	76.2	87.7	4.2
		New Mexi	1	1	50.7	50.7	50.7	50.7	.
		New York	9	9	58.5	63.2	32.3	71.2	13.6
		Oklahoma	9	9	53.3	62.3	14.5	75.7	21.4
		Pennsylv	11	11	60.3	71.9	12.1	78.2	22.2
		Rhode Is	3	3	44.4	44.5	25.5	63.2	18.9
		Texas	2	2	55.5	55.5	39.7	71.3	22.3

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		United S	11	11	58.7	70.7	15.1	76.7	20.6
		Utah	7	7	80.8	80.0	77.3	87.6	3.4
		Vermont	7	7	86.6	86.2	83.5	91.9	3.4
		Virginia	8	8	71.0	72.7	56.5	82.9	8.2
		Washingt	7	7	80.0	79.3	71.9	89.7	6.4
		Wisconsi	11	11	62.9	73.3	18.3	79.2	19.4
	25-34 Years	Arkansas	5	5	70.0	69.7	62.7	79.2	7.4
		Colorado	10	10	68.3	75.9	18.7	81.3	19.5
		Delaware	11	11	61.5	72.1	8.4	86.0	25.8
		Hawaii	5	5	74.6	76.7	66.1	78.5	4.9
		Illinois	4	4	37.0	38.8	15.9	54.4	16.9
		Iowa	5	5	85.5	85.8	83.4	88.6	2.0
		Louisian	6	6	65.6	64.9	62.0	71.1	3.1
		Massachu	7	7	89.1	89.5	87.1	90.2	1.1
		Michigan	7	7	74.7	74.5	73.4	76.2	1.0
		Minnesot	4	4	86.7	87.3	84.3	87.9	1.6
		Mississi	4	4	60.7	60.7	60.1	61.5	0.6
		Missouri	11	11	63.6	78.0	10.8	83.9	24.8
		Montana	6	6	78.5	79.6	74.2	81.9	3.5
		NY-City	8	8	65.1	65.0	59.6	71.7	4.9
		NY-Rest	9	9	65.3	75.9	25.3	81.3	19.6
		Nebraska	6	6	89.0	88.2	86.8	93.2	2.4
		New Hamp	5	5	87.2	87.4	81.2	92.1	3.9
		New Mexi	1	1	53.6	53.6	53.6	53.6	.
		New York	9	9	61.9	69.1	25.3	76.0	17.0
		Oklahoma	9	9	55.0	67.6	18.0	75.6	21.4
		Pennsylv	11	11	66.2	80.7	8.1	86.8	25.6
		Rhode Is	3	3	44.5	45.6	23.1	64.7	20.8
		Texas	2	2	54.3	54.3	42.4	66.2	16.8
		United S	11	11	63.4	77.4	14.3	80.5	22.6
		Utah	7	7	79.3	80.6	72.6	82.3	3.4
		Vermont	7	7	86.0	86.1	83.6	89.1	1.9
		Virginia	8	8	75.5	76.6	60.1	84.3	6.9
		Washingt	7	7	83.8	84.5	80.7	85.5	1.7
		Wisconsi	11	11	69.9	80.3	20.3	83.3	20.2
	>=18 Years	Arkansas	5	5	67.3	64.3	62.6	74.5	5.5
		Colorado	10	10	67.2	73.9	20.5	79.6	18.7
		Delaware	11	11	60.9	72.8	8.2	82.8	25.6
		Hawaii	5	5	74.1	75.5	65.8	77.3	4.7
		Illinois	4	4	35.6	38.0	15.5	50.8	15.7
		Iowa	5	5	85.1	84.1	83.6	87.7	1.8
		Louisian	6	6	64.1	63.5	60.6	69.0	2.9
		Massachu	7	7	89.0	89.4	86.5	90.2	1.2
		Michigan	7	7	72.6	72.2	70.8	75.6	1.7
		Minnesot	4	4	86.2	86.3	85.1	87.2	1.0
		Mississi	4	4	58.2	58.6	55.6	59.9	1.9
		Missouri	11	11	63.1	75.7	14.0	82.8	23.7
		Montana	6	6	76.4	77.1	72.9	79.1	2.6

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		NY-City	8	8	64.8	66.0	60.8	68.0	3.2
		NY-Rest	9	9	64.0	74.1	27.1	78.9	18.6
		Nebraska	6	6	87.4	87.0	86.0	89.4	1.3
		New Hamp	5	5	86.3	86.9	81.7	90.4	3.1
		New Mexi	1	1	52.6	52.6	52.6	52.6	.
		New York	9	9	61.2	69.1	27.1	74.0	16.2
		Oklahoma	9	9	53.8	66.5	15.8	74.9	21.5
		Pennsylv	11	11	64.6	78.0	9.1	84.6	24.7
		Rhode Is	3	3	44.4	45.6	23.4	64.3	20.5
		Texas	2	2	55.2	55.2	42.3	68.0	18.2
		United S	11	11	62.2	75.8	14.7	79.2	22.1
		Utah	7	7	79.0	79.4	74.0	82.2	2.8
		Vermont	7	7	85.7	86.2	82.0	88.4	2.0
		Virginia	8	8	74.7	75.7	61.4	79.8	5.7
		Washingt	7	7	83.0	83.2	79.4	86.1	2.0
		Wisconsi	11	11	67.9	78.1	18.8	81.7	20.0
>=35 Years		Arkansas	5	4	66.2	65.2	62.7	71.6	4.2
		Colorado	10	10	68.2	76.1	24.9	80.1	17.8
		Delaware	11	11	62.8	73.2	8.5	84.5	25.1
		Hawaii	5	5	74.0	75.5	68.3	77.3	3.9
		Illinois	4	4	37.7	39.1	19.0	53.4	17.2
		Iowa	5	5	84.3	84.9	79.6	91.7	4.8
		Louisian	6	6	66.7	65.7	60.5	73.7	5.1
		Massachu	7	7	90.5	90.5	88.5	92.0	1.2
		Michigan	7	7	69.1	69.6	62.4	77.4	5.2
		Minnesot	4	4	85.9	85.0	83.9	89.6	2.5
		Mississi	4	4	58.4	58.9	49.9	65.9	7.9
		Missouri	11	11	60.6	70.0	17.7	83.4	23.1
		Montana	6	6	71.4	70.8	69.3	75.0	2.4
		NY-City	8	8	68.1	68.4	60.8	72.0	3.4
		NY-Rest	9	9	61.6	71.2	25.4	79.4	18.3
		Nebraska	6	6	84.2	84.3	82.0	86.3	1.4
		New Hamp	5	5	86.8	87.9	81.7	91.8	3.9
		New Mexi	1	1	53.7	53.7	53.7	53.7	.
		New York	9	9	61.1	70.0	25.4	75.0	16.8
		Oklahoma	9	8	53.5	60.6	23.9	71.3	19.6
		Pennsylv	11	10	69.2	76.4	28.3	83.9	17.9
		Rhode Is	3	3	44.1	46.9	21.4	64.0	21.4
		Texas	2	2	58.0	58.0	46.5	69.5	16.3
Black, Non-Hispanic		United S	11	11	62.2	73.6	15.7	79.6	22.1
		Utah	7	7	74.8	74.4	70.9	83.9	4.3
		Vermont	7	7	84.0	84.3	75.4	88.5	4.6
		Virginia	8	8	75.4	77.6	61.5	84.1	7.8
		Washingt	7	7	82.7	82.7	79.3	84.9	1.9
		Wisconsi	11	11	65.5	72.6	13.8	85.3	21.2
		Arkansas	5	5	56.1	57.9	47.9	59.8	4.9
		Colorado	10	0	.	.	.	.	.
		Delaware	11	11	56.4	68.8	11.2	78.8	22.9

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		Hawaii	5	0	.	.	.	.	.
		Illinois	4	4	31.2	33.0	18.8	40.1	9.1
		Iowa	5	5	76.9	77.0	74.3	78.7	1.7
		Louisian	6	6	60.6	60.5	52.6	70.1	6.9
		Massachu	7	7	83.8	84.1	78.2	88.0	3.1
		Michigan	7	7	59.1	59.6	57.9	60.0	0.8
		Minnesot	4	4	74.8	74.5	71.1	79.0	3.5
		Mississi	4	4	51.5	51.2	49.3	54.2	2.1
		Missouri	11	10	65.0	72.1	29.0	84.3	18.3
		Montana	6	0	.	.	.	.	.
		NY-City	8	8	60.1	59.5	51.1	69.6	5.6
		NY-Rest	9	3	44.6	32.7	19.9	81.1	32.3
		Nebraska	6	6	81.8	82.3	74.3	86.2	4.0
		New Hamp	5	0	.	.	.	.	.
		New Mexi	1	0	.	.	.	.	.
		New York	9	9	54.4	57.8	19.9	71.7	17.3
		Oklahoma	9	5	60.8	59.6	58.0	66.2	3.4
		Pennsylv	11	10	65.9	74.3	30.9	83.2	17.9
		Rhode Is	3	3	49.3	52.0	26.8	69.1	21.3
		Texas	2	2	53.9	53.9	44.7	63.0	12.9
		United S	11	11	54.7	65.8	15.9	70.7	18.4
		Utah	7	0	.	.	.	.	.
		Virginia	8	8	67.1	68.1	57.6	73.4	5.5
		Washingt	7	7	80.1	79.5	77.0	84.0	3.0
		Wisconsi	11	11	58.7	67.8	17.7	73.4	18.4
Hispanic		Arkansas	5	1	84.5	84.5	84.5	84.5	.
		Colorado	10	10	66.1	72.6	27.0	76.3	15.6
		Delaware	11	11	63.9	78.7	18.5	86.0	24.0
		Hawaii	5	4	71.8	72.7	63.8	78.1	6.1
		Illinois	4	4	34.9	38.6	19.0	43.2	10.8
		Iowa	5	5	81.9	83.5	75.8	85.7	4.3
		Louisian	6	5	68.3	66.5	62.3	78.2	6.5
		Massachu	7	7	86.1	86.4	83.1	89.3	2.3
		Michigan	7	7	73.2	72.7	66.9	81.7	5.0
		Minnesot	4	2	94.2	94.2	88.7	99.6	7.7
		Mississi	4	0	.	.	.	.	.
		Missouri	11	4	85.4	85.0	81.6	90.0	3.5
		Montana	6	4	81.2	81.1	78.2	84.5	3.1
		NY-City	8	8	70.2	70.9	65.1	73.1	2.7
		NY-Rest	9	9	64.8	72.0	30.3	82.8	19.5
		Nebraska	6	6	83.2	83.3	81.0	84.8	1.4
		New Hamp	5	0	.	.	.	.	.
		New Mexi	1	1	49.2	49.2	49.2	49.2	.
		New York	9	9	63.0	71.4	30.3	77.2	17.7
		Oklahoma	9	8	56.0	69.2	18.3	73.7	22.0
		Pennsylv	11	10	68.2	77.6	22.9	87.3	21.1
		Rhode Is	3	3	52.0	53.6	35.3	67.0	15.9
		Texas	2	2	52.8	52.8	37.2	68.3	22.0

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		United S	11	11	62.2	76.6	19.9	81.5	22.2
		Utah	7	7	82.0	81.9	80.5	83.2	0.9
		Virginia	8	8	76.5	76.3	55.9	89.5	10.5
		Washingt	7	7	87.7	88.5	83.4	91.3	2.7
		Wisconsi	11	11	68.9	82.4	18.5	85.4	22.1
	Other or Multiple Races, Non-Hispanic	Arkansas	5	1	88.7	88.7	88.7	88.7	.
		Colorado	10	8	74.1	73.6	65.8	82.6	5.9
		Delaware	11	9	72.2	81.5	29.5	89.0	20.7
		Hawaii	5	5	76.8	77.7	67.7	82.5	5.5
		Illinois	4	3	46.3	46.9	31.0	61.0	15.0
		Iowa	5	0	.	.	.	.	.
		Louisian	6	0	.	.	.	.	.
		Massachu	7	7	91.2	92.7	87.4	94.2	2.8
		Michigan	7	7	74.4	75.5	65.2	81.0	6.5
		Minnesot	4	4	87.5	87.5	81.0	93.9	5.3
		Mississi	4	0	.	.	.	.	.
		Missouri	11	8	76.3	76.7	62.7	85.1	6.7
		Montana	6	6	73.0	71.4	69.4	78.4	4.1
		NY-City	8	8	70.6	71.9	57.1	82.9	7.7
		NY-Rest	9	5	81.1	84.6	66.2	88.4	8.7
		Nebraska	6	6	86.0	86.1	85.6	86.4	0.3
		New Hamp	5	1	98.2	98.2	98.2	98.2	.
		New Mexi	1	1	54.1	54.1	54.1	54.1	.
		New York	9	7	72.3	76.2	59.0	82.3	9.0
		Oklahoma	9	9	58.2	70.3	18.3	77.8	21.4
		Pennsylv	11	7	85.0	84.2	77.5	90.2	4.2
		Rhode Is	3	3	47.9	54.1	25.6	63.9	19.9
		Texas	2	2	53.8	53.8	41.9	65.7	16.8
		United S	11	11	64.2	78.8	14.9	82.1	23.8
		Utah	7	7	79.7	78.9	74.0	88.8	5.1
		Vermont	7	7	82.8	82.1	80.4	88.1	2.8
		Virginia	8	5	84.0	84.5	76.1	89.5	4.9
		Washingt	7	7	87.3	87.6	84.3	90.1	2.1
		Wisconsi	11	11	67.7	77.8	23.6	85.0	20.5
	White, Non-Hispanic	Arkansas	5	5	69.4	67.2	64.3	75.1	5.2
		Colorado	10	10	68.3	75.2	18.6	82.2	20.0
		Delaware	11	11	61.8	72.3	5.2	84.9	26.9
		Hawaii	5	5	69.4	70.5	59.1	77.1	6.8
		Illinois	4	4	36.9	39.2	13.7	55.5	19.1
		Iowa	5	5	86.1	85.5	83.6	89.6	2.3
		Louisian	6	6	66.3	65.6	63.1	70.1	3.2
		Massachu	7	7	90.6	91.0	87.2	93.7	2.0
		Michigan	7	7	75.8	75.7	72.6	78.4	1.9
		Minnesot	4	4	86.3	86.6	84.4	87.4	1.4
		Mississi	4	4	63.7	63.6	61.2	66.2	2.2
		Missouri	11	11	63.5	76.0	13.6	82.6	23.9
		Montana	6	6	76.7	77.3	73.0	79.7	2.7
		NY-City	8	8	59.5	60.1	52.5	64.0	3.5

Analysis Variable : Estimate_Num									
Vaccine	Dimension	Geography	N Obs	N	Mean	Median	Minimum	Maximum	Std Dev
		NY-Rest	9	9	64.5	72.4	27.9	82.1	18.0
		Nebraska	6	6	89.1	88.8	87.0	92.4	2.1
		New Hamp	5	5	86.2	87.0	81.2	89.9	3.2
		New Mexi	1	1	59.4	59.4	59.4	59.4	.
		New York	9	9	61.4	67.9	27.9	75.7	15.6
		Oklahoma	9	9	53.7	64.7	15.5	77.5	21.6
		Pennsylv	11	11	65.2	78.1	7.7	84.1	24.8
		Rhode Is	3	3	41.0	41.0	18.5	63.4	22.5
		Texas	2	2	58.8	58.8	47.8	69.7	15.5
		United S	11	11	63.6	76.9	13.4	80.4	22.6
		Utah	7	7	78.5	78.7	72.9	82.7	3.2
		Vermont	7	7	85.9	86.3	81.9	89.0	2.1
		Virginia	8	8	75.6	77.1	59.4	83.1	7.0
		Washingt	7	7	80.3	80.0	76.7	84.3	2.3
		Wisconsi	11	11	68.9	78.6	18.5	82.8	20.1

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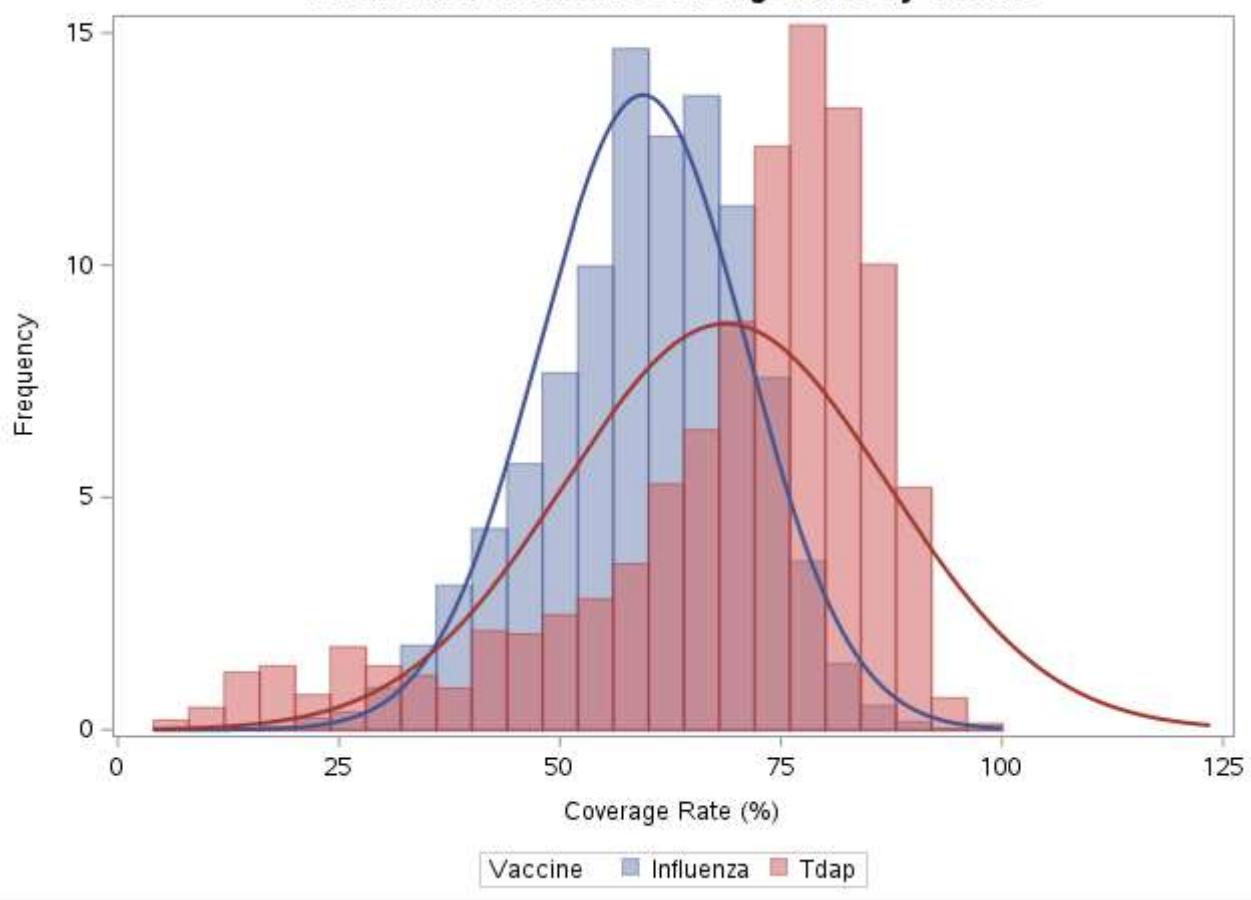
#### The FREQ Procedure

Frequency

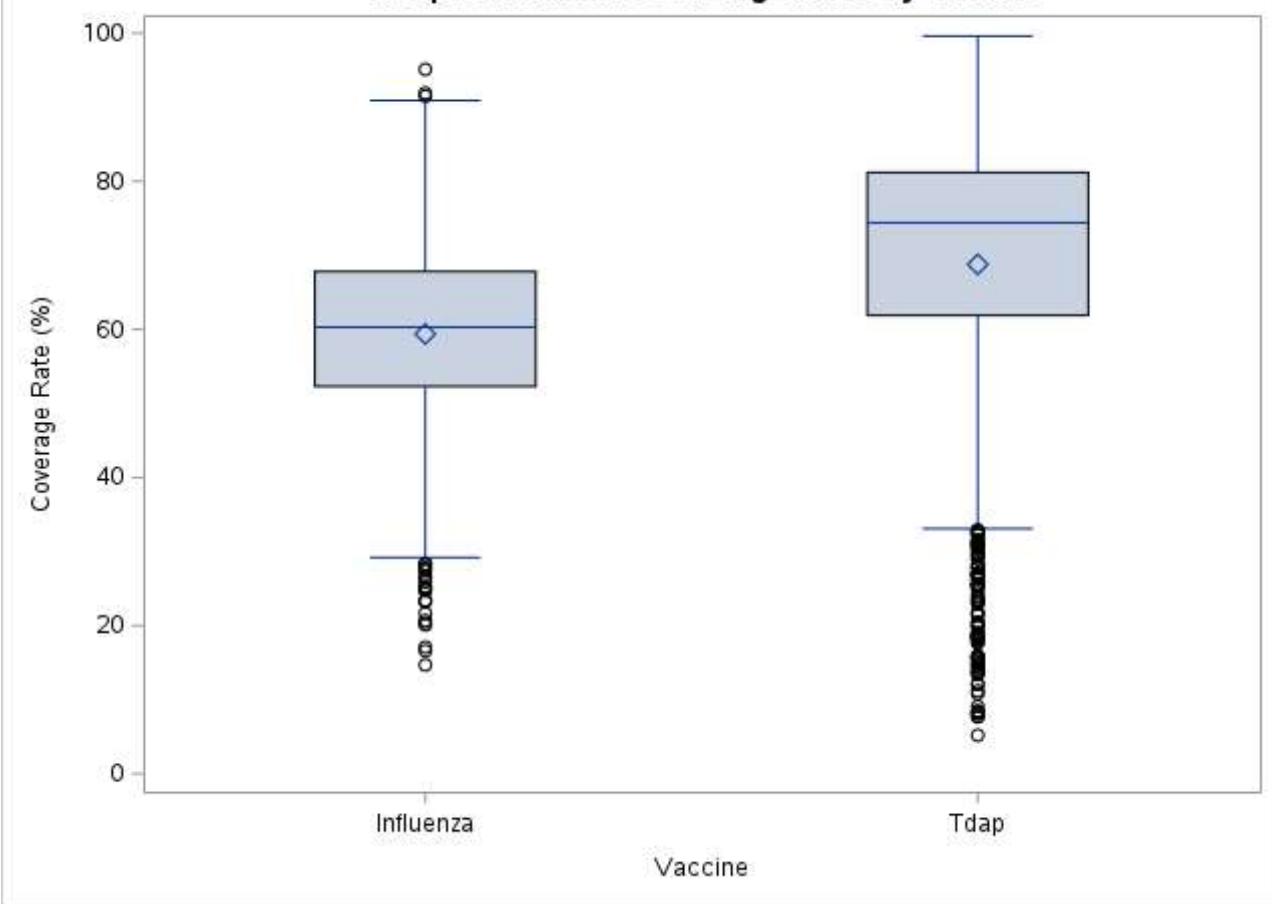
Table of Vaccine by Dimension									
Vaccine	Dimension								
	18-24 Years	25-34 Years	>=18 Years	>=35 Years	Black, Non-Hispanic	Hispanic	Other or Multiple Races, Non-Hispanic	White, Non-Hispanic	Total
Influenza	406	406	406	406	393	394	404	405	3220
Tdap	199	199	199	199	192	192	199	199	1578
Total	605	605	605	605	585	586	603	604	4798

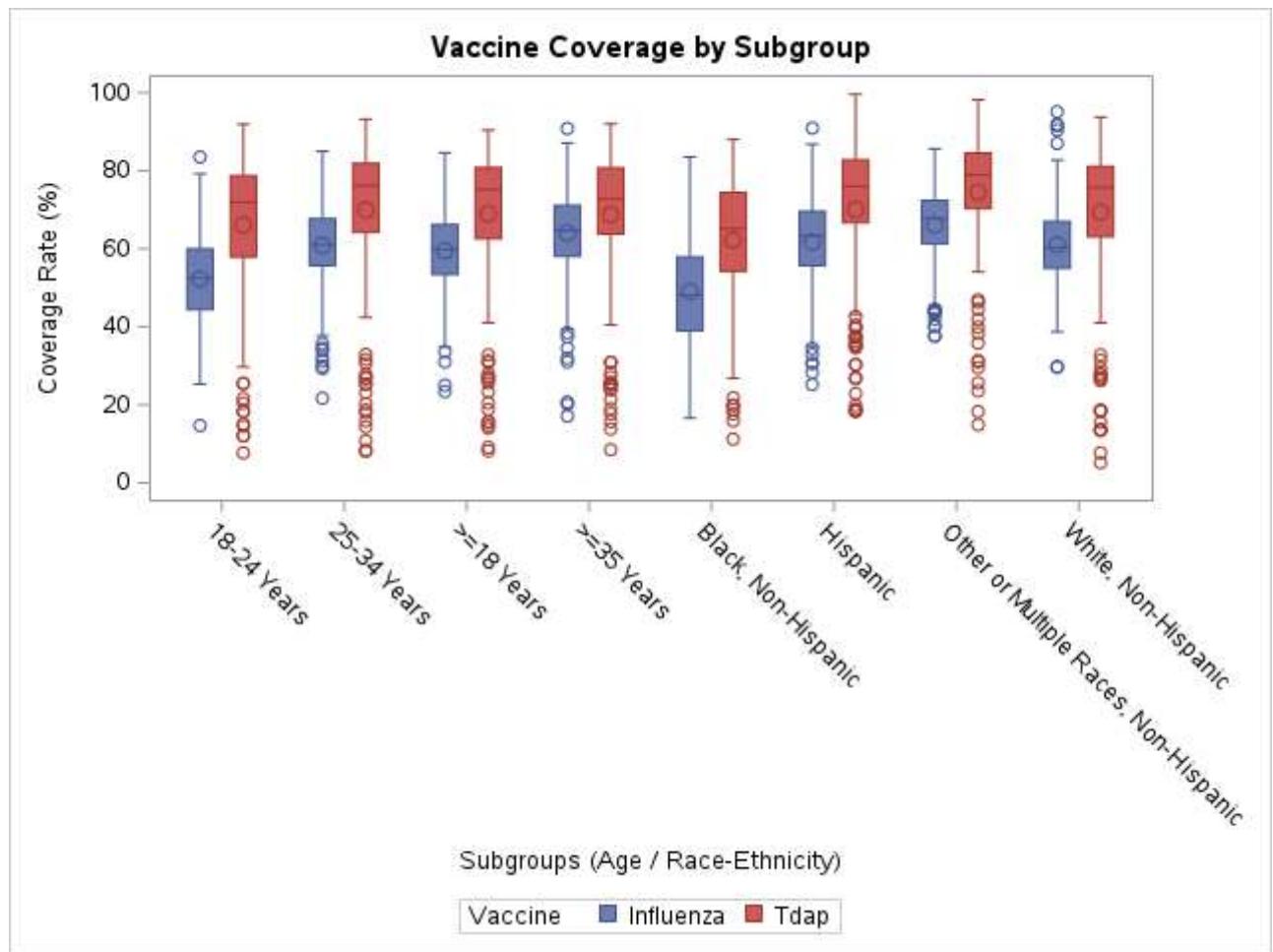
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### Distribution of Vaccine Coverage Rates by Vaccine

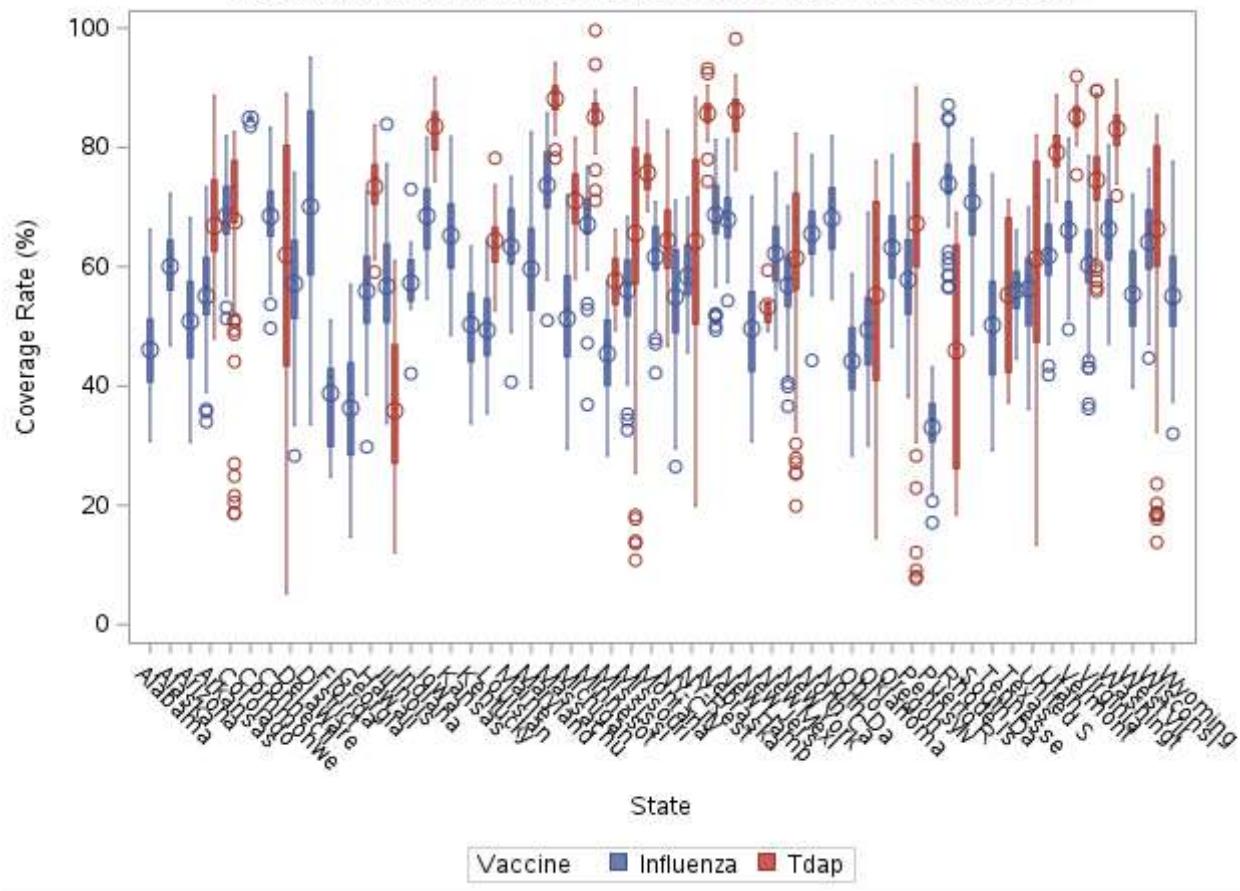


**Boxplot of Vaccine Coverage Rates by Vaccine**

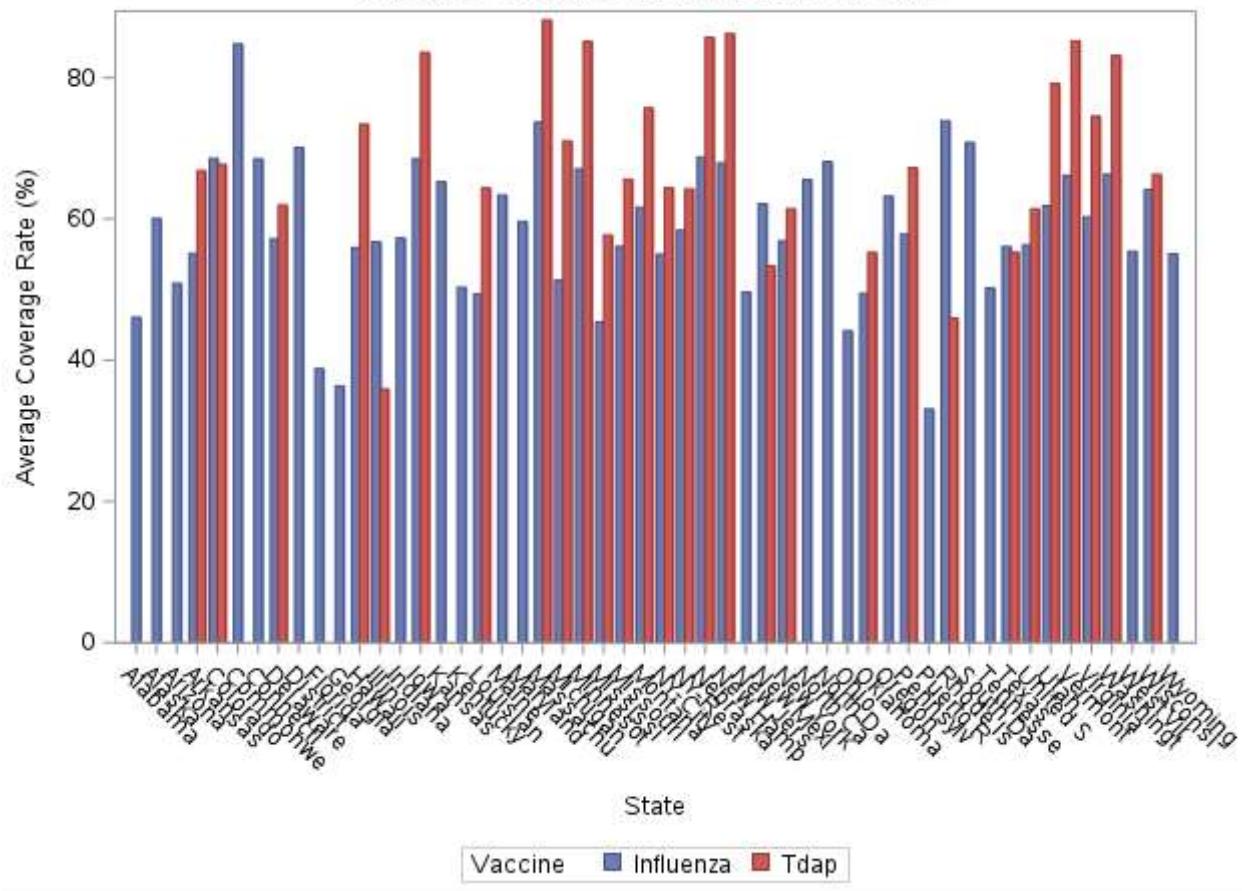


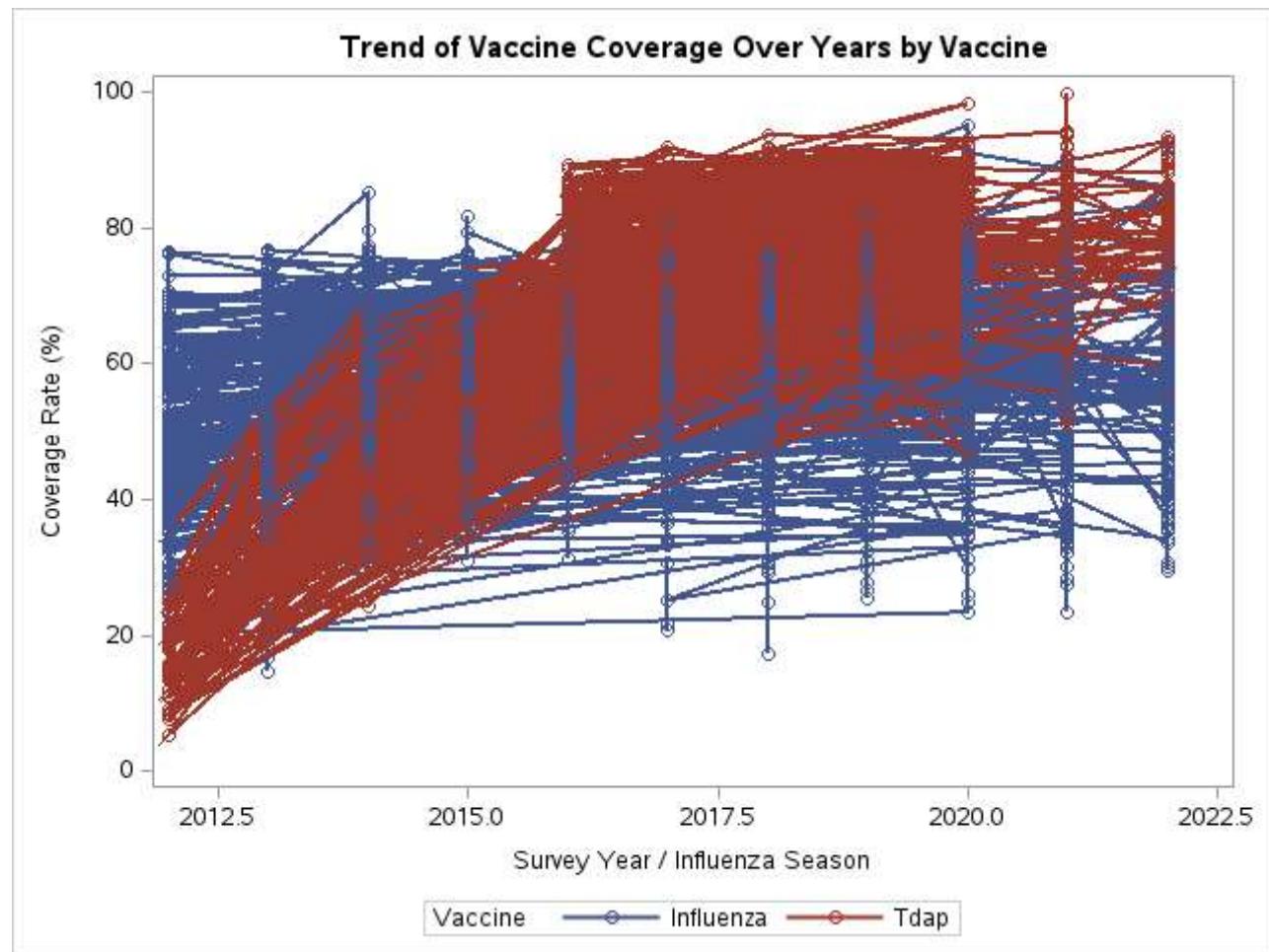


### Distribution of Vaccine Coverage Rates by State and Vaccine



### Average Vaccine Coverage Rate by State





### Trend of Vaccine Coverage Over Years by Vaccine

The TTEST Procedure

Variable: Estimate\_Num

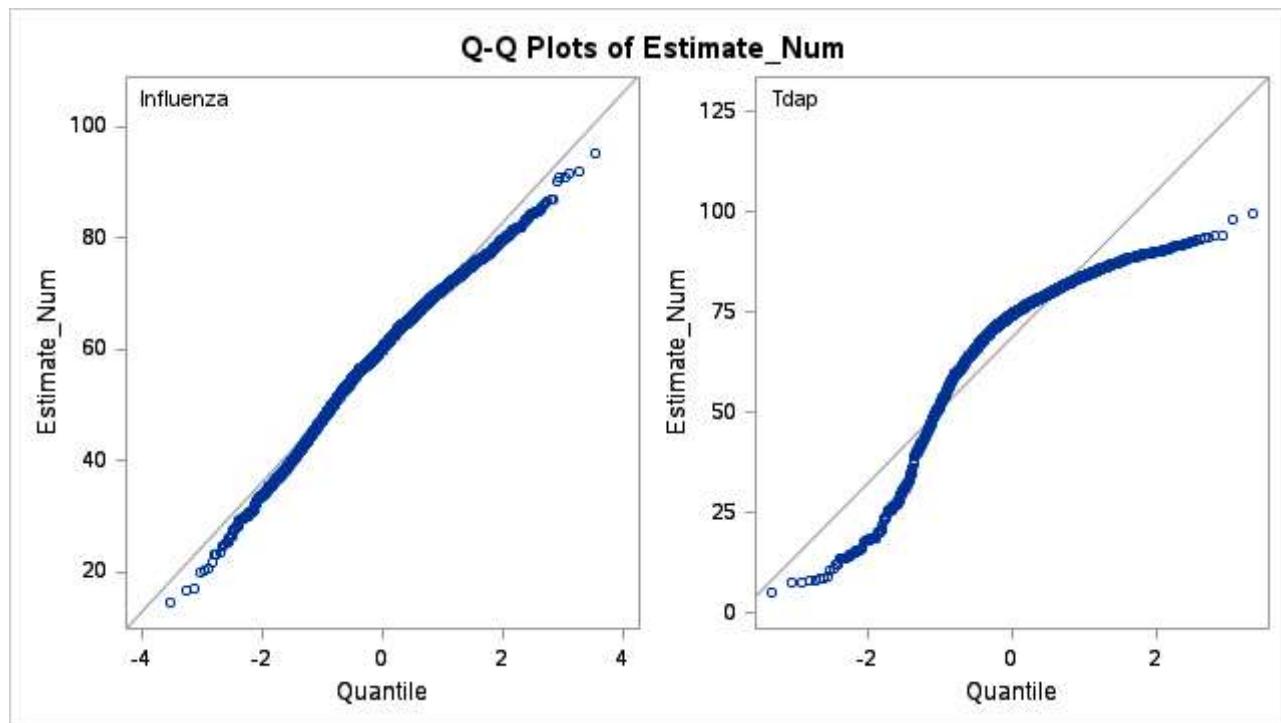
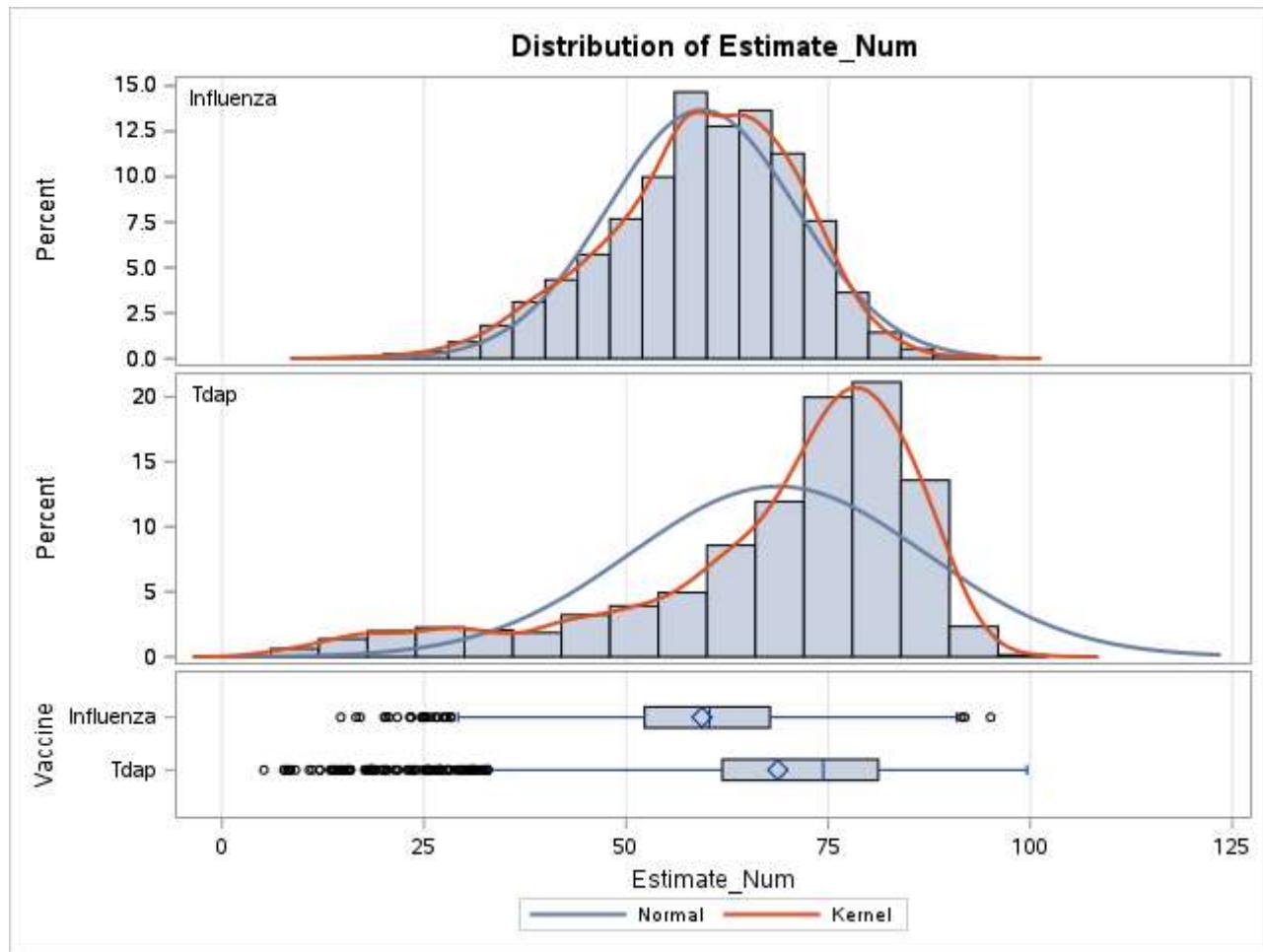
Vaccine	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
Influenza		2865	59.3853	11.6786	0.2182	14.7000	95.1000
Tdap		1457	68.7771	18.2596	0.4784	5.2000	99.6000
Diff (1-2)	Pooled		-9.3918	14.2406	0.4582		
Diff (1-2)	Satterthwaite		-9.3918		0.5258		

Vaccine	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
Influenza		59.3853	58.9575	59.8132	11.6786	11.3839	11.9891
Tdap		68.7771	67.8388	69.7155	18.2596	17.6198	18.9478
Diff (1-2)	Pooled	-9.3918	-10.2902	-8.4935	14.2406	13.9465	14.5473
Diff (1-2)	Satterthwaite	-9.3918	-10.4229	-8.3607			

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	4320	-20.50	<.0001
Satterthwaite	Unequal	2079.1	-17.86	<.0001

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	1456	2864	2.44	<.0001



## One-way ANOVA: Coverage by Dimension

The GLM Procedure

Class Level Information		
Class	Levels	Values
Dimension	8	18-24 Years 25-34 Years >=18 Years >=35 Years Black, Non-Hispanic Hispanic Other or Multiple Races, Non-Hispanic White, Non-Hispanic

Number of Observations Read	4798
Number of Observations Used	4322

## One-way ANOVA: Coverage by Dimension

The GLM Procedure

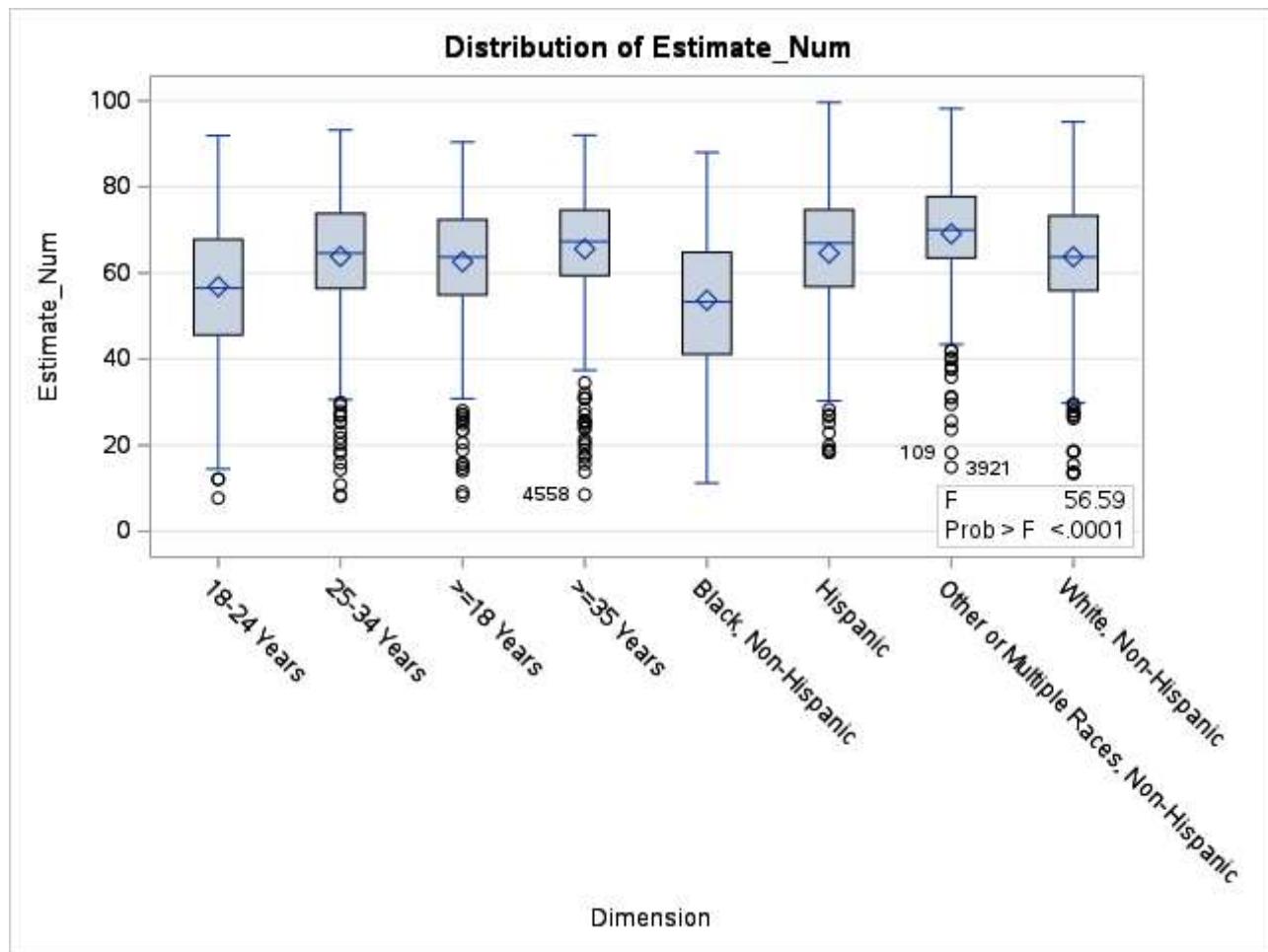
Dependent Variable: Estimate\_Num

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	80839.1901	11548.4557	56.59	<.0001
Error	4314	880420.1260	204.0844		
Corrected Total	4321	961259.3161			

R-Square	Coeff Var	Root MSE	Estimate_Num Mean
0.084097	22.83850	14.28581	62.55143

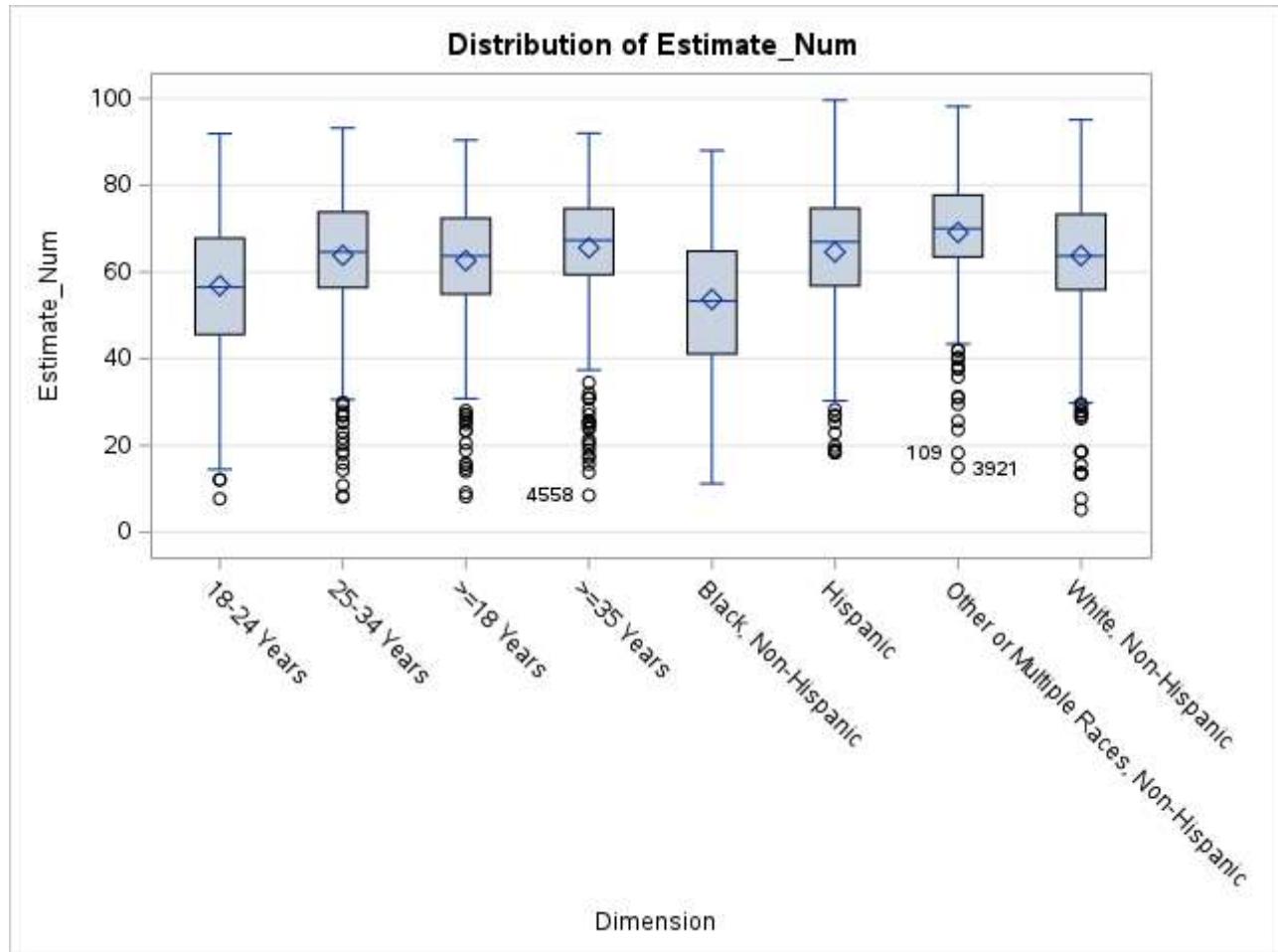
Source	DF	Type I SS	Mean Square	F Value	Pr > F
Dimension	7	80839.19007	11548.45572	56.59	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Dimension	7	80839.19007	11548.45572	56.59	<.0001



#### One-way ANOVA: Coverage by Dimension

The GLM Procedure



### One-way ANOVA: Coverage by Dimension

The GLM Procedure

Tukey's Studentized Range (HSD) Test for Estimate\_Num

**Note:** This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	4314
Error Mean Square	204.0844
Critical Value of Studentized Range	4.28843

Comparisons significant at the 0.05 level are indicated by ***.				
Dimension Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
Other or Multiple Races, Non-Hispanic - >=35 Years	3.5076	0.7735	6.2416	***
Other or Multiple Races, Non-Hispanic - Hispanic	4.4800	1.6012	7.3587	***
Other or Multiple Races, Non-Hispanic - 25-34 Years	5.2551	2.5355	7.9747	***
Other or Multiple Races, Non-Hispanic - White, Non-Hispanic	5.3356	2.6084	8.0628	***
Other or Multiple Races, Non-Hispanic - >=18 Years	6.4919	3.7724	9.2115	***
Other or Multiple Races, Non-Hispanic - 18-24 Years	12.2813	9.5579	15.0046	***
Other or Multiple Races, Non-Hispanic - Black, Non-Hispanic	15.4429	12.4773	18.4084	***
>=35 Years - Other or Multiple Races, Non-Hispanic	-3.5076	-6.2416	-0.7735	***
>=35 Years - Hispanic	0.9724	-1.7060	3.6507	
>=35 Years - 25-34 Years	1.7475	-0.7590	4.2540	

Comparisons significant at the 0.05 level are indicated by ***.				
Dimension Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
>=35 Years - White, Non-Hispanic	1.8280	-0.6868	4.3428	
>=35 Years - >=18 Years	2.9844	0.4779	5.4909	***
>=35 Years - 18-24 Years	8.7737	6.2631	11.2843	***
>=35 Years - Black, Non-Hispanic	11.9353	9.1638	14.7067	***
Hispanic - Other or Multiple Races, Non-Hispanic	-4.4800	-7.3587	-1.6012	***
Hispanic - >=35 Years	-0.9724	-3.6507	1.7060	
Hispanic - 25-34 Years	0.7751	-1.8885	3.4387	
Hispanic - White, Non-Hispanic	0.8556	-1.8157	3.5270	
Hispanic - >=18 Years	2.0120	-0.6516	4.6755	
Hispanic - 18-24 Years	7.8013	5.1338	10.4687	***
Hispanic - Black, Non-Hispanic	10.9629	8.0486	13.8772	***
25-34 Years - Other or Multiple Races, Non-Hispanic	-5.2551	-7.9747	-2.5355	***
25-34 Years - >=35 Years	-1.7475	-4.2540	0.7590	
25-34 Years - Hispanic	-0.7751	-3.4387	1.8885	
25-34 Years - White, Non-Hispanic	0.0805	-2.4185	2.5796	
25-34 Years - >=18 Years	1.2369	-1.2539	3.7276	
25-34 Years - 18-24 Years	7.0262	4.5313	9.5210	***
25-34 Years - Black, Non-Hispanic	10.1878	7.4306	12.9450	***
White, Non-Hispanic - Other or Multiple Races, Non-Hispanic	-5.3356	-8.0628	-2.6084	***
White, Non-Hispanic - >=35 Years	-1.8280	-4.3428	0.6868	
White, Non-Hispanic - Hispanic	-0.8556	-3.5270	1.8157	
White, Non-Hispanic - 25-34 Years	-0.0805	-2.5796	2.4185	
White, Non-Hispanic - >=18 Years	1.1563	-1.3427	3.6554	
White, Non-Hispanic - 18-24 Years	6.9457	4.4425	9.4488	***
White, Non-Hispanic - Black, Non-Hispanic	10.1073	7.3425	12.8720	***
>=18 Years - Other or Multiple Races, Non-Hispanic	-6.4919	-9.2115	-3.7724	***
>=18 Years - >=35 Years	-2.9844	-5.4909	-0.4779	***
>=18 Years - Hispanic	-2.0120	-4.6755	0.6516	
>=18 Years - 25-34 Years	-1.2369	-3.7276	1.2539	
>=18 Years - White, Non-Hispanic	-1.1563	-3.6554	1.3427	
>=18 Years - 18-24 Years	5.7893	3.2945	8.2842	***
>=18 Years - Black, Non-Hispanic	8.9509	6.1937	11.7081	***
18-24 Years - Other or Multiple Races, Non-Hispanic	-12.2813	-15.0046	-9.5579	***
18-24 Years - >=35 Years	-8.7737	-11.2843	-6.2631	***
18-24 Years - Hispanic	-7.8013	-10.4687	-5.1338	***
18-24 Years - 25-34 Years	-7.0262	-9.5210	-4.5313	***
18-24 Years - White, Non-Hispanic	-6.9457	-9.4488	-4.4425	***
18-24 Years - >=18 Years	-5.7893	-8.2842	-3.2945	***
18-24 Years - Black, Non-Hispanic	3.1616	0.4007	5.9225	***
Black, Non-Hispanic - Other or Multiple Races, Non-Hispanic	-15.4429	-18.4084	-12.4773	***
Black, Non-Hispanic - >=35 Years	-11.9353	-14.7067	-9.1638	***
Black, Non-Hispanic - Hispanic	-10.9629	-13.8772	-8.0486	***
Black, Non-Hispanic - 25-34 Years	-10.1878	-12.9450	-7.4306	***
Black, Non-Hispanic - White, Non-Hispanic	-10.1073	-12.8720	-7.3425	***
Black, Non-Hispanic - >=18 Years	-8.9509	-11.7081	-6.1937	***
Black, Non-Hispanic - 18-24 Years	-3.1616	-5.9225	-0.4007	***

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## Two-way ANOVA: Vaccine and Dimension Effects on Coverage

The GLM Procedure

Class Level Information		
Class	Levels	Values
Vaccine	2	Influenza Tdap
Dimension	8	18-24 Years 25-34 Years >=18 Years >=35 Years Black, Non-Hispanic Hispanic Other or Multiple Races, Non-Hispanic White, Non-Hispanic

Number of Observations Read	4798
Number of Observations Used	4322

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## Two-way ANOVA: Vaccine and Dimension Effects on Coverage

The GLM Procedure

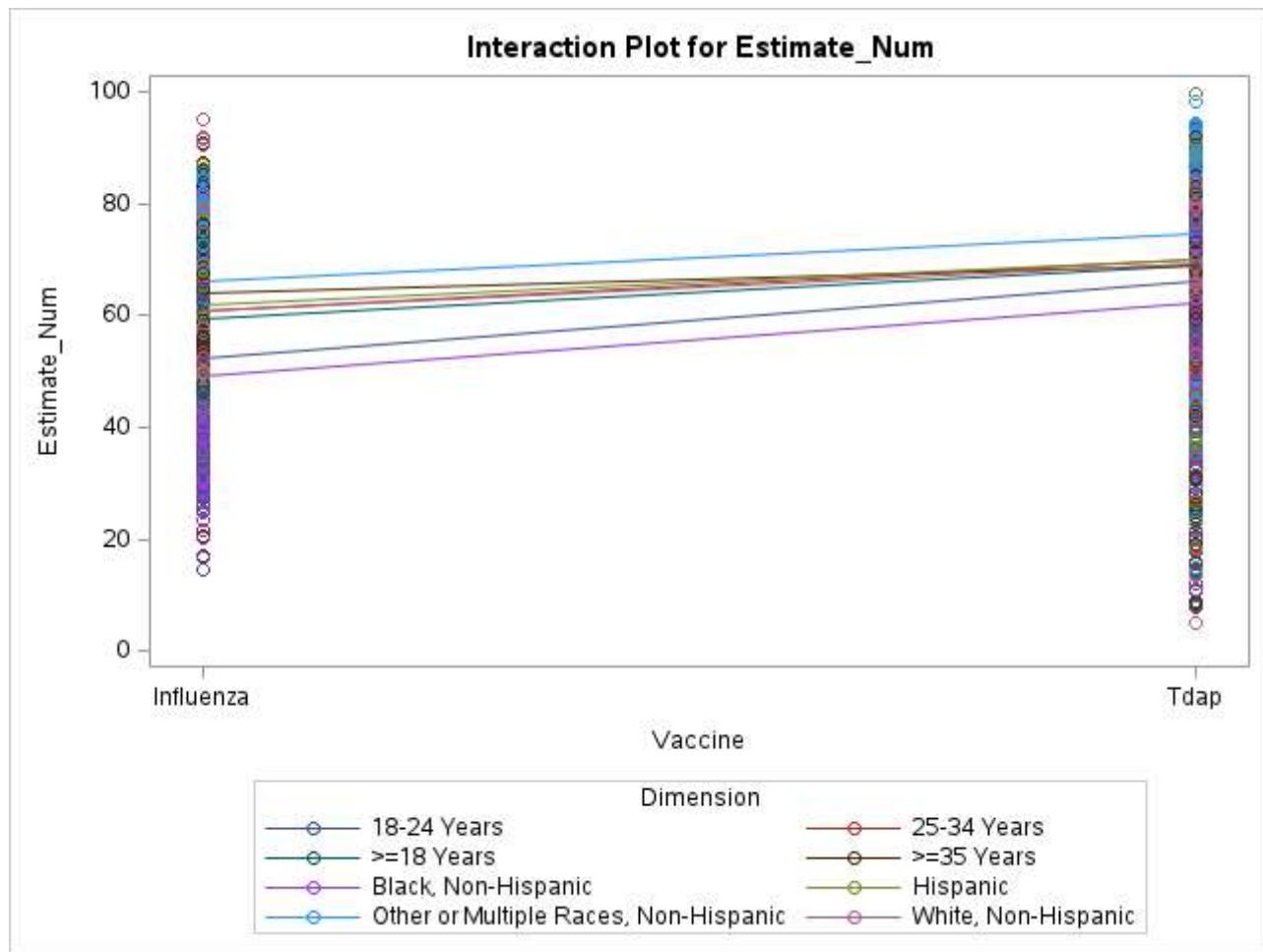
Dependent Variable: Estimate\_Num

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	15	173056.4062	11537.0937	63.03	<.0001
Error	4306	788202.9099	183.0476		
Corrected Total	4321	961259.3161			

R-Square	Coeff Var	Root MSE	Estimate_Num Mean
0.180031	21.62941	13.52951	62.55143

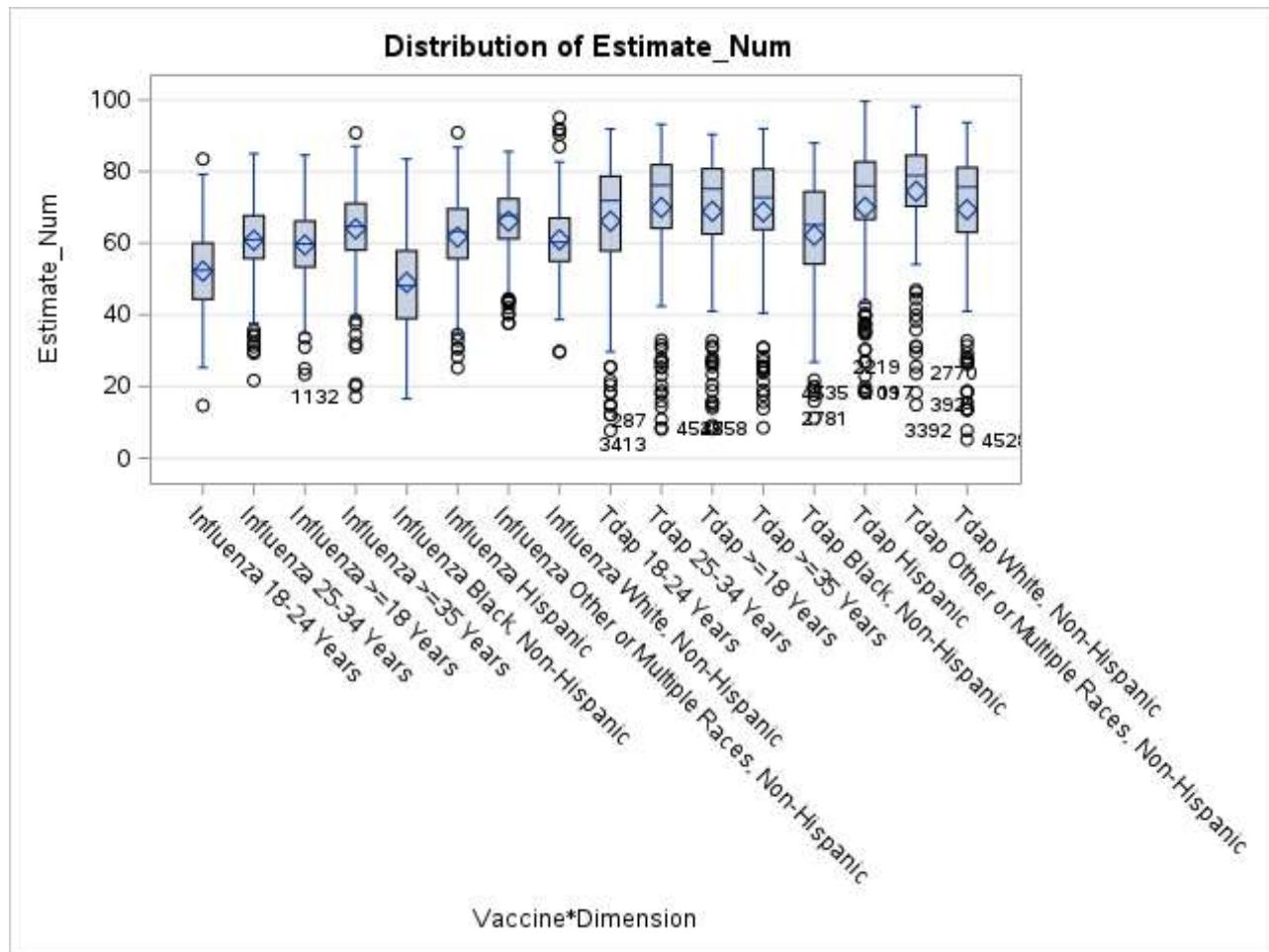
Source	DF	Type I SS	Mean Square	F Value	Pr > F
Vaccine	1	85191.74289	85191.74289	465.41	<.0001
Dimension	7	80574.00100	11510.57157	62.88	<.0001
Vaccine*Dimension	7	7290.66232	1041.52319	5.69	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Vaccine	1	84569.77898	84569.77898	462.01	<.0001
Dimension	7	61201.26063	8743.03723	47.76	<.0001
Vaccine*Dimension	7	7290.66232	1041.52319	5.69	<.0001



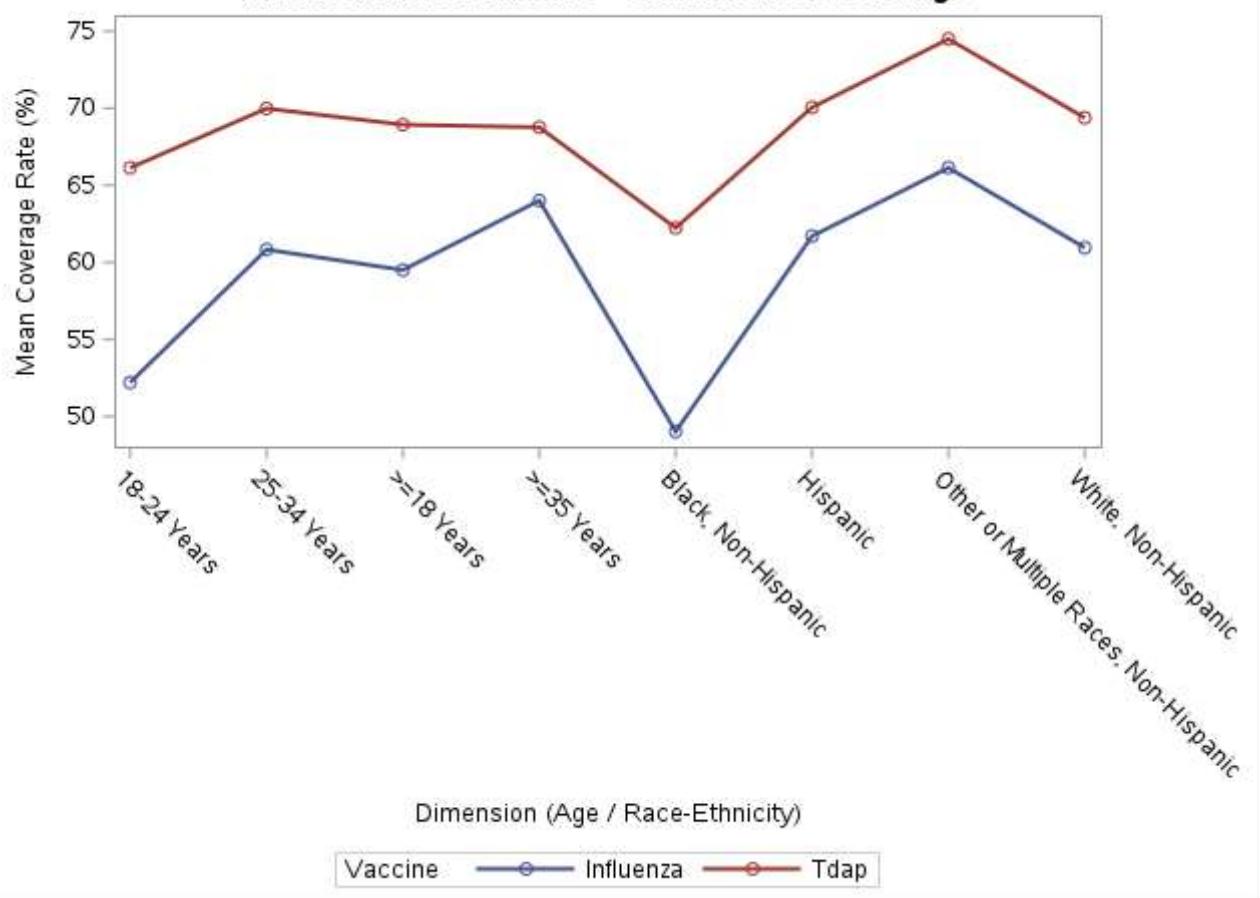
#### Two-way ANOVA: Vaccine and Dimension Effects on Coverage

The GLM Procedure



Level of Vaccine	Level of Dimension	N	Estimate_Num	
			Mean	Std Dev
Influenza	18-24 Years	402	52.2034826	10.9839710
Influenza	25-34 Years	406	60.8320197	9.5905205
Influenza	>=18 Years	406	59.5034483	9.8498725
Influenza	>=35 Years	394	64.0098985	10.6682105
Influenza	Black, Non-Hispanic	271	49.0302583	13.0046875
Influenza	Hispanic	306	61.7032680	11.3959033
Influenza	Other or Multiple Races, Non-Hispanic	282	66.1336879	9.4532018
Influenza	White, Non-Hispanic	398	60.9522613	9.5288655
Tdap	18-24 Years	199	66.1316583	18.4721481
Tdap	25-34 Years	199	69.9814070	18.7786335
Tdap	>=18 Years	199	68.9316583	18.4833928
Tdap	>=35 Years	196	68.7632653	17.7962911
Tdap	Black, Non-Hispanic	146	62.2356164	17.1334629
Tdap	Hispanic	164	70.0524390	18.2248716
Tdap	Other or Multiple Races, Non-Hispanic	155	74.4870968	15.8757052
Tdap	White, Non-Hispanic	199	69.3783920	18.7777992

### Interaction Plot: Vaccine × Dimension on Coverage



### Average Vaccine Coverage by Dimension

