THERAPEUTIC DRUG

Name	Line No.	Specimen 1 Range & Type	Mean	SD	Specimen 2 Range & Type	Mean	SD	Specimen 3 Range & Type	Mean	SD	Specimen 4 Range & Type	Mean	SD	Specimen 5 Range & Type	Mean	SD	No. of Labs
Acetaminophen																	
Initial Grouping by Reagent and Instrument																	
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	1	54.0 - 91.0 P	72.7	5.2	98.0 - 163.0 P	130.2	5.7	33.0 - 56.0 P	44.5	3.5	5.0 - 10.0 C	7.6	2.5	12.0 - 21.0 P	16.6	2.5	21
J&J Vitros spectrophot & J&J Vitros not DT or ECi	2	56.0 - 93.0 P	74.6	1.5	91.0 - 151.0 P	120.8	2.6	36.0 - 60.0 P	48.2	1.3	8.0 - 13.0 P	10.8	0.5	14.0 - 24.0 P	19.2	0.8	19
Siemens Emit,Dimension Flex & Siemens Dimension Xpand	3	52.0 - 86.0 P	69.0	1.3	90.0 - 150.0 P	120.1	1.7	33.0 - 55.0 P	44.1	1.2	10.0 - 17.0 P	13.6	0.9	15.0 - 24.0 P	19.4	0.9	29
Siemens Emit,Dimension Flex & Siemens Dimension EXL	4	52.0 - 86.0 P	69.1	1.4	90.0 - 149.0 P	119.5	2.2	33.0 - 55.0 P	43.9	1.0	10.0 - 17.0 P	13.3	1.0	14.0 - 24.0 P	19.3	0.8	11
Initial Grouping by Reagent																	
Beckman Synch LX,UniCel DxC	5	55.0 - 91.0 P	72.8	5.1	98.0 - 163.0 P	130.1	5.6	33.0 - 56.0 P	44.5	3.4	5.0 - 10.0 C	7.6	2.5	13.0 - 21.0 P	16.7	2.4	22
J&J Vitros spectrophot	6	56.0 - 93.0 P	74.5	1.6	91.0 - 151.0 P	121.1	2.6	36.0 - 60.0 P	48.0	1.2	8.0 - 13.0 P	10.8	0.6	14.0 - 24.0 P	19.1	0.6	35
Siemens Petinia	7	52.0 - 87.0 P	69.2	1.5	90.0 - 149.0 P	119.5	1.4	33.0 - 55.0 P	44.3	1.1	10.0 - 17.0 P	13.5	1.2	14.0 - 24.0 P	19.3	1.2	12
Siemens other spectro	8	52.0 - 86.0 P	69.0	1.2	90.0 - 150.0 P	120.1	1.8	33.0 - 56.0 P	44.6	1.5	10.0 - 17.0 P	13.6	0.7	14.0 - 24.0 P	19.2	0.4	18
Siemens Emit,Dimension Flex	9	52.0 - 86.0 P	69.1	1.3	90.0 - 150.0 P	120.0	1.7	33.0 - 55.0 P	44.2	1.1	10.0 - 17.0 P	13.7	1.0	15.0 - 24.0 P	19.3	0.9	63
Initial Grouping by Sensitivity or Principle																	
Enzyme-multiplied IA/EMIT	10	52.0 - 86.0 P	69.1	2.2	90.0 - 151.0 P	120.6	3.6	33.0 - 55.0 P	44.3	1.2	10.0 - 17.0 P	13.3	1.6	14.0 - 24.0 P	19.2	1.0	70
Fluorescence polariz (FPIA)	11	55.0 - 91.0 P	72.8	7.6	88.0 - 148.0 P	118.0	20.6	33.0 - 56.0 P	44.6	4.6	6.0 - 11.0 C	8.2	2.0	14.0 - 23.0 P	18.1	3.8	11
Turbidimetric/PETINIA	12	53.0 - 89.0 P	71.3	4.4	95.0 - 158.0 P	126.2	6.8	33.0 - 55.0 P	44.3	2.8	7.0 - 12.0 C	9.7	3.3	13.0 - 22.0 P	17.5	2.3	41
Other spectrophotometric	13	54.0 - 90.0 P	71.8	4.8	90.0 - 151.0 P	120.6	7.3	34.0 - 57.0 P	46.0	3.4	8.0 - 14.0 P	11.0	2.1	14.0 - 23.0 P	18.6	1.4	65
Total Population																	
Whole Population	14	53.0 - 88.0 P	70.6	4.4	92.0 - 153.0 P	122.2	5.9	34.0 - 56.0 P	44.8	2.9	9.0 - 15.0 P	12.0	2.1	14.0 - 23.0 P	18.6	1.8	190
Carbamazepine																	
Initial Grouping by Reagent and Instrument																	
Beckman Unicel DXC series & Beckman Unicel DXC series	1	8.4 - 14.0 P	11.19	0.59	5.7 - 9.5 P	7.61	0.35	9.9 - 16.5 P	13.21	0.67	2.7 - 4.5 P	3.62	0.19	11.4 - 19.0 P	15.22	0.67	13
Initial Grouping by Instrument																	
Beckman Unicel DXC series	2	8.4 - 14.0 P	11.19	0.59	5.7 - 9.5 P	7.61	0.35	9.9 - 16.5 P	13.21	0.67	2.7 - 4.5 P	3.62	0.19	11.4 - 19.0 P	15.22	0.67	13
Initial Grouping by Sensitivity or Principle																	
Specific instrumen bypassed	3	8.7 - 14.5 P	11.61	0.32	5.8 - 9.7 P	7.74	0.20	10.2 - 17.1 P	13.66	0.27	2.7 - 4.5 P	3.63	0.12	11.8 - 19.6 P	15.69	0.58	14

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5			
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
Total Population																						
Whole Population	4	8.7 - 14.5	P	11.61	0.78	5.8 - 9.7	P	7.73	0.56	10.2 - 17.0	P	13.63	0.86	2.8 - 4.6	P	3.67	0.32	11.8 - 19.7	P	15.79	1.02	170
Digoxin																						
Initial Grouping by Reagent and Instrument																						
Beckman Access luminometric & Beckman Access luminometer	1	1.8 - 2.7	P	2.21	0.16	2.2 - 3.3	P	2.76	0.14	1.6 - 2.4	P	1.97	0.11	0.8 - 1.2	P	1.04	0.10	1.3 - 2.0	P	1.68	0.14	22
Beckman Synchron CX DIGN & Beckman Unicel DXC series	2	1.8 - 2.7	P	2.28	0.20	2.3 - 3.4	P	2.83	0.16	1.5 - 2.3	P	1.89	0.19	0.4 - 0.8	C	0.58	0.13	1.3 - 1.9	P	1.61	0.18	12
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	3	1.8 - 2.8	P	2.30	0.14	2.3 - 3.5	P	2.90	0.15	1.6 - 2.3	P	1.95	0.15	0.4 - 0.8	C	0.60	0.10	1.3 - 1.9	P	1.60	0.17	26
J&J Vitros spectrophot & J&J Vitros not DT or ECi	4	1.8 - 2.7	P	2.21	0.14	2.3 - 3.4	P	2.82	0.12	1.5 - 2.2	P	1.86	0.11	0.6 - 1.0	C	0.84	0.13	1.2 - 1.8	P	1.53	0.14	22
J&J Vitros spectrophot & J&J Vitros 5,1 FS	5	1.8 - 2.7	P	2.26	0.17	2.3 - 3.5	P	2.89	0.20	1.5 - 2.3	P	1.92	0.17	0.6 - 1.0	C	0.78	0.12	1.3 - 1.9	P	1.57	0.08	12
Siemens Dimension DGNA & Siemens Dimension Rxl	6	2.0 - 3.0	P	2.53	0.17	2.6 - 3.9	P	3.21	0.16	1.7 - 2.6	P	2.13	0.09	0.5 - 1.0	C	0.75	0.10	1.5 - 2.2	P	1.84	0.07	10
Siemens Dimension DGNA & Siemens Dimension Xpand	7	2.0 - 3.0	P	2.49	0.10	2.5 - 3.8	P	3.17	0.13	1.7 - 2.6	P	2.16	0.09	0.6 - 1.0	C	0.77	0.10	1.4 - 2.2	P	1.80	0.08	50
Siemens Dimension DGNA & Siemens Dimension EXL	8	2.0 - 3.0	P	2.48	0.07	2.5 - 3.8	P	3.13	0.12	1.7 - 2.6	P	2.15	0.10	0.6 - 1.0	C	0.76	0.09	1.4 - 2.2	P	1.79	0.10	19
Siemens Immulite & Siemens Immulite 2000	9	2.1 - 3.1	P	2.61	0.17	2.7 - 4.1	P	3.40	0.25	1.8 - 2.8	P	2.31	0.16	0.6 - 1.0	C	0.83	0.12	1.5 - 2.3	P	1.91	0.12	12
Initial Grouping by Reagent																						
Beckman Access luminometric	10	1.8 - 2.7	P	2.23	0.18	2.2 - 3.3	P	2.78	0.16	1.6 - 2.4	P	1.98	0.12	0.8 - 1.3	P	1.04	0.09	1.3 - 2.0	P	1.69	0.14	23
Beckman Synchron CX DIGN	11	1.8 - 2.7	P	2.24	0.17	2.3 - 3.4	P	2.87	0.19	1.5 - 2.3	P	1.90	0.16	0.4 - 0.8	C	0.59	0.11	1.3 - 1.9	P	1.58	0.16	26
Beckman Synch LX,UniCel DxC	12	1.8 - 2.7	P	2.29	0.15	2.3 - 3.5	P	2.89	0.14	1.6 - 2.3	P	1.95	0.14	0.4 - 0.8	C	0.59	0.11	1.3 - 1.9	P	1.59	0.17	27
J&J Vitros spectrophot	13	1.8 - 2.7	P	2.23	0.14	2.3 - 3.4	P	2.85	0.15	1.5 - 2.3	P	1.89	0.14	0.6 - 1.0	C	0.82	0.12	1.2 - 1.9	P	1.56	0.12	42
Beckman Olympus Emit 2000	14	1.9 - 2.8	P	2.32	0.18	2.5 - 3.8	P	3.13	0.27	1.6 - 2.4	P	2.00	0.17	0.6 - 1.0	C	0.79	0.08	1.3 - 2.0	P	1.63	0.10	11
Roche Elecsys luminometric	15	2.2 - 3.3	P	2.71	0.28	2.8 - 4.1	P	3.45	0.34	1.9 - 2.8	P	2.37	0.14	0.6 - 1.0	C	0.78	0.08	1.5 - 2.3	P	1.90	0.18	10
Siemens Dimension DGNA	16	2.0 - 3.0	P	2.49	0.10	2.5 - 3.8	P	3.18	0.13	1.7 - 2.6	P	2.16	0.09	0.6 - 1.0	C	0.77	0.10	1.4 - 2.2	P	1.81	0.09	122
Siemens Immulite	17	2.1 - 3.2	P	2.65	0.19	2.7 - 4.1	P	3.42	0.25	1.9 - 2.8	P	2.33	0.17	0.6 - 1.0	C	0.84	0.10	1.5 - 2.3	P	1.92	0.14	22
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	18	1.8 - 2.8	P	2.30	0.19	2.5 - 3.7	P	3.09	0.29	1.6 - 2.4	P	1.98	0.17	0.6 - 1.0	C	0.78	0.08	1.3 - 1.9	P	1.62	0.10	12
Immunofluorometric-not FPIA	19	2.0 - 3.0	P	2.50	0.23	2.5 - 3.7	P	3.12	0.33	1.8 - 2.7	P	2.21	0.21	0.6 - 1.0	C	0.79	0.12	1.5 - 2.2	P	1.85	0.19	18
Luminometric/CLIA	20	2.0 - 3.0	P	2.47	0.29	2.5 - 3.8	P	3.13	0.38	1.7 - 2.6	P	2.17	0.22	0.7 - 1.1	C	0.90	0.15	1.5 - 2.2	P	1.81	0.17	63
Turbidimetric/PETINIA	21	1.8 - 2.7	P	2.26	0.16	2.3 - 3.4	P	2.86	0.16	1.5 - 2.3	P	1.93	0.15	0.4 - 0.8	C	0.62	0.12	1.3 - 1.9	P	1.59	0.15	64
Other spectrophotometric	22	1.9 - 2.9	P	2.42	0.16	2.5 - 3.7	P	3.09	0.20	1.7 - 2.5	P	2.08	0.16	0.6 - 1.0	C	0.77	0.11	1.4 - 2.1	P	1.74	0.15	176
Total Population																						
Whole Population	23	1.9 - 2.9	P	2.40	0.21	2.4 - 3.7	P	3.05	0.27	1.7 - 2.5	P	2.07	0.19	0.6 - 1.0	C	0.77	0.11	1.4 - 2.1	P	1.72	0.18	341

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5			
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
Gentamicin																						
Initial Grouping by Reagent and Instrument																						
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	1	1.7 - 2.9	P	2.32	0.18	2.4 - 4.0	P	3.22	0.15	1.4 - 2.3	P	1.84	0.23	9.8 - 16.3	P	13.06	1.15	1.0 - 1.7	P	1.37	0.19	20
Initial Grouping by Reagent																						
Beckman Synch LX,UniCel DxC	2	1.7 - 2.9	P	2.31	0.19	2.4 - 4.0	P	3.22	0.15	1.4 - 2.3	P	1.82	0.23	9.8 - 16.4	P	13.08	1.12	1.0 - 1.7	P	1.36	0.18	21
J&J Vitros spectrophot	3	1.8 - 2.9	P	2.36	0.13	2.4 - 4.1	P	3.25	0.26	1.5 - 2.5	P	1.97	0.16	9.6 - 16.1	P	12.86	1.78	1.2 - 1.9	P	1.55	0.12	12
Siemens Petinia	4	1.6 - 2.7	P	2.16	0.06	2.2 - 3.7	P	2.95	0.09	1.3 - 2.2	P	1.79	0.08	9.4 - 15.6	P	12.51	0.45	1.1 - 1.8	P	1.43	0.11	18
Siemens Emit,Dimension Flex	5	1.6 - 2.7	P	2.16	0.14	2.2 - 3.7	P	2.96	0.13	1.4 - 2.2	P	1.80	0.13	9.4 - 15.7	P	12.54	0.45	1.1 - 1.8	P	1.40	0.13	22
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	6	1.7 - 2.8	P	2.24	0.36	2.2 - 3.8	P	3.00	0.20	1.4 - 2.3	P	1.83	0.15	9.8 - 16.3	P	13.02	1.69	1.1 - 1.8	P	1.42	0.14	24
Fluorescence polariz (FPIA)	7	1.5 - 2.5	P	2.01	0.16	2.1 - 3.5	P	2.81	0.18	1.2 - 2.0	P	1.62	0.13	8.5 - 14.2	P	11.32	1.12	1.0 - 1.7	P	1.33	0.12	13
Turbidimetric/PETINIA	8	1.7 - 2.8	P	2.22	0.20	2.3 - 3.9	P	3.08	0.23	1.3 - 2.2	P	1.78	0.23	9.5 - 15.9	P	12.72	0.96	1.0 - 1.7	P	1.39	0.21	47
Other spectrophotometric	9	1.7 - 2.8	P	2.28	0.23	2.3 - 3.9	P	3.12	0.30	1.4 - 2.3	P	1.88	0.20	9.4 - 15.7	P	12.59	1.49	1.1 - 1.9	P	1.48	0.22	25
Total Population																						
Whole Population	10	1.6 - 2.7	P	2.20	0.20	2.3 - 3.8	P	3.04	0.25	1.4 - 2.3	P	1.80	0.19	9.4 - 15.6	P	12.47	1.14	1.1 - 1.8	P	1.41	0.16	112
Lithium																						
Initial Grouping by Reagent and Instrument																						
J&J Vitros spectrophot & J&J Vitros not DT or ECi	1	0.0 - 0.5	C	0.25	0.05	0.0 - 0.5	C	0.20	0.00	0.2 - 0.8	C	0.45	0.08	1.6 - 2.4	P	1.98	0.09	0.4 - 1.0	C	0.71	0.05	11
Initial Grouping by Reagent																						
J&J Vitros spectrophot	2	0.0 - 0.6	C	0.25	0.05	0.0 - 0.5	C	0.20	0.00	0.2 - 0.8	C	0.48	0.08	1.6 - 2.4	P	1.98	0.10	0.4 - 1.0	C	0.72	0.06	20
Siemens Dimension color	3	0.3 - 0.9	C	0.56	0.05	0.0 - 0.6	C	0.27	0.06	0.4 - 1.0	C	0.70	0.05	2.1 - 3.1	P	2.60	0.06	0.6 - 1.2	C	0.87	0.06	25
Initial Grouping by Sensitivity or Principle																						
Flame-equivalent methods	4	0.3 - 0.9	C	0.58	0.08	0.0 - 0.5	C	0.25	0.10	0.4 - 1.0	C	0.74	0.09	2.1 - 3.1	P	2.60	0.08	0.6 - 1.2	C	0.93	0.10	42
Other, not flame equivalent	5	0.1 - 0.7	C	0.41	0.19	0.0 - 0.5	C	0.21	0.11	0.3 - 0.9	C	0.64	0.19	1.8 - 2.7	P	2.26	0.35	0.6 - 1.2	C	0.86	0.17	38
Total Population																						
Whole Population	6	0.3 - 0.9	C	0.56	0.06	0.0 - 0.5	C	0.25	0.05	0.4 - 1.0	C	0.72	0.12	1.9 - 2.9	P	2.44	0.30	0.6 - 1.2	C	0.90	0.15	88
Phenobarbital																						
Initial Grouping by Reagent and Instrument																						
Abbott FPIA & Abbott AxSYM	1	31.0 - 46.0	P	38.7	1.6	37.0 - 56.0	P	46.5	3.4	28.0 - 42.0	P	34.8	1.6	12.0 - 18.0	P	15.1	0.7	24.0 - 36.0	P	29.9	1.7	12
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	2	30.0 - 44.0	P	36.9	1.4	37.0 - 55.0	P	46.0	2.1	27.0 - 40.0	P	33.2	1.3	13.0 - 19.0	P	15.8	0.9	23.0 - 35.0	P	29.1	1.4	17
Initial Grouping by Reagent																						
Abbott FPIA	3	31.0 - 46.0	P	38.2	2.3	37.0 - 55.0	P	45.7	4.2	28.0 - 42.0	P	34.9	1.6	12.0 - 18.0	P	15.1	0.7	24.0 - 36.0	P	29.6	2.0	13
Beckman Synch LX,UniCel DxC	4	30.0 - 44.0	P	36.9	1.4	37.0 - 55.0	P	45.9	2.1	27.0 - 40.0	P	33.2	1.2	13.0 - 19.0	P	15.8	0.9	23.0 - 35.0	P	29.0	1.4	18
J&J Vitros spectrophot	5	32.0 - 47.0	P	39.4	2.1	36.0 - 55.0	P	45.6	4.9	29.0 - 43.0	P	36.2	2.0	13.0 - 19.0	P	15.8	1.8	26.0 - 39.0	P	32.2	1.5	18

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
Siemens Petinia	6	33.0 - 50.0	P	41.7	2.7	41.0 - 61.0	P	50.7	2.6	29.0 - 44.0	P	36.8	1.9	13.0 - 19.0	P	15.9	1.3	26.0 - 38.0	P	31.9	1.5	17
Siemens Emit,Dimension Flex	7	33.0 - 50.0	P	41.5	2.2	41.0 - 61.0	P	50.7	3.0	29.0 - 44.0	P	36.8	1.9	13.0 - 19.0	P	15.8	1.4	25.0 - 38.0	P	31.8	1.6	21
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	8	33.0 - 49.0	P	40.8	2.2	40.0 - 59.0	P	49.6	3.0	29.0 - 44.0	P	36.5	1.8	12.0 - 19.0	P	15.5	1.3	25.0 - 37.0	P	31.2	1.9	31
Fluorescence polariz (FPIA)	9	30.0 - 45.0	P	37.9	2.0	37.0 - 55.0	P	45.7	3.6	28.0 - 41.0	P	34.5	1.6	12.0 - 18.0	P	14.8	0.9	24.0 - 36.0	P	29.6	1.8	19
Luminometric/CLIA	10	31.0 - 46.0	P	38.5	2.0	37.0 - 56.0	P	46.5	2.2	27.0 - 40.0	P	33.7	1.8	12.0 - 18.0	P	14.6	1.1	24.0 - 36.0	P	30.0	1.0	11
Turbidimetric/PETINIA	11	31.0 - 47.0	P	38.8	3.1	38.0 - 57.0	P	47.9	3.2	28.0 - 42.0	P	34.7	2.3	13.0 - 19.0	P	15.8	1.1	24.0 - 36.0	P	30.2	2.0	44
Other spectrophotometric	12	31.0 - 47.0	P	39.1	2.2	37.0 - 56.0	P	46.3	4.5	28.0 - 42.0	P	35.3	2.2	12.0 - 19.0	P	15.5	1.5	25.0 - 37.0	P	31.2	2.0	32
Total Population																						
Whole Population	13	31.0 - 47.0	P	39.1	2.6	38.0 - 57.0	P	47.5	3.7	28.0 - 42.0	P	35.1	2.2	12.0 - 18.0	P	15.4	1.2	24.0 - 37.0	P	30.5	2.0	140

Phenytoin

Initial Grouping by Reagent and Instrument																						
Abbott FPIA & Abbott AxSYM	1	17.0 - 28.0	P	22.8	0.5	11.0 - 19.0	P	14.9	0.5	20.0 - 34.0	P	26.9	0.9	5.0 - 9.0	P	7.1	0.2	24.0 - 40.0	P	31.7	1.4	19
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	2	17.0 - 28.0	P	22.2	0.9	11.0 - 18.0	P	14.5	0.5	20.0 - 33.0	P	26.1	1.4	5.0 - 8.0	P	6.4	0.5	23.0 - 38.0	P	30.6	1.9	27
J&J Vitros spectrophot & J&J Vitros not DT or ECi	3	17.0 - 28.0	P	22.6	2.1	10.0 - 18.0	P	14.0	1.2	20.0 - 34.0	P	27.2	1.6	4.0 - 7.0	P	5.9	1.6	24.0 - 40.0	P	32.2	1.2	17
J&J Vitros spectrophot & J&J Vitros 5,1 FS	4	16.0 - 28.0	P	22.0	2.0	11.0 - 18.0	P	14.5	1.7	20.0 - 33.0	P	26.5	2.9	5.0 - 8.0	P	6.4	1.3	24.0 - 40.0	P	32.0	3.1	12
Siemens Petinia & Siemens Dimension Xpand	5	19.0 - 32.0	P	25.3	1.5	12.0 - 20.0	P	16.4	1.0	22.0 - 37.0	P	29.8	1.4	5.0 - 9.0	P	6.9	0.8	25.0 - 42.0	P	33.9	1.6	13
Siemens Emit,Dimension Flex & Siemens Dimension Xpand	6	19.0 - 31.0	P	24.7	1.2	12.0 - 20.0	P	15.8	0.7	22.0 - 36.0	P	29.0	1.4	5.0 - 8.0	P	6.8	0.4	25.0 - 41.0	P	33.2	1.3	18
Siemens Emit,Dimension Flex & Siemens Dimension EXL	7	19.0 - 32.0	P	25.2	1.1	12.0 - 20.0	P	16.2	0.8	23.0 - 38.0	P	30.1	1.4	5.0 - 9.0	P	6.9	0.7	26.0 - 42.0	P	34.0	1.4	10
Siemens Immulite & Siemens Immulite 2000	8	17.0 - 28.0	P	22.7	1.3	11.0 - 18.0	P	14.5	0.8	21.0 - 35.0	P	27.7	1.6	5.0 - 8.0	P	6.6	0.5	24.0 - 40.0	P	32.0	1.5	11
Initial Grouping by Reagent																						
Abbott FPIA	9	17.0 - 28.0	P	22.7	0.7	11.0 - 19.0	P	14.9	0.6	20.0 - 34.0	P	26.8	1.0	5.0 - 9.0	P	7.1	0.2	24.0 - 39.0	P	31.6	1.5	20
Beckman Synchron CX Petinia	10	17.0 - 28.0	P	22.6	1.1	11.0 - 19.0	P	15.0	0.5	20.0 - 34.0	P	27.2	1.1	5.0 - 8.0	P	6.6	0.5	24.0 - 39.0	P	31.5	1.6	10
Beckman Synchron other spec	11	17.0 - 28.0	P	22.7	1.2	11.0 - 18.0	P	14.7	0.5	20.0 - 33.0	P	26.1	0.5	5.0 - 8.0	P	6.4	0.5	23.0 - 38.0	P	30.5	1.7	12
Beckman Synch LX,UniCel DxC	12	17.0 - 28.0	P	22.2	0.9	11.0 - 18.0	P	14.5	0.5	20.0 - 33.0	P	26.1	1.3	5.0 - 8.0	P	6.4	0.5	23.0 - 38.0	P	30.4	2.0	28
J&J Vitros spectrophot	13	17.0 - 28.0	P	22.3	1.8	11.0 - 18.0	P	14.2	1.3	20.0 - 34.0	P	27.1	2.2	5.0 - 8.0	P	6.2	1.3	24.0 - 40.0	P	32.1	2.1	38
Beckman Olympus Emit 2000	14	17.0 - 28.0	P	22.2	1.2	11.0 - 18.0	P	14.4	1.2	20.0 - 32.0	P	26.0	2.5	5.0 - 8.0	P	6.8	0.4	23.0 - 38.0	P	30.2	2.5	14
Siemens Petinia	15	19.0 - 31.0	P	25.1	1.5	12.0 - 20.0	P	16.2	1.1	22.0 - 37.0	P	29.5	1.6	5.0 - 8.0	P	6.8	0.7	25.0 - 42.0	P	33.5	1.6	40
Siemens Emit,Dimension Flex	16	19.0 - 31.0	P	24.8	1.1	12.0 - 20.0	P	15.9	0.8	22.0 - 36.0	P	29.2	1.5	5.0 - 8.0	P	6.7	0.6	25.0 - 42.0	P	33.4	1.3	52
Siemens Immulite	17	17.0 - 28.0	P	22.6	1.4	11.0 - 18.0	P	14.2	0.8	20.0 - 34.0	P	27.3	1.5	5.0 - 8.0	P	6.6	0.6	24.0 - 40.0	P	31.8	1.5	17
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	18	18.0 - 30.0	P	24.3	1.5	12.0 - 19.0	P	15.5	1.1	21.0 - 36.0	P	28.5	2.2	5.0 - 8.0	P	6.7	0.6	25.0 - 41.0	P	32.7	2.1	69
Fluorescence polariz (FPIA)	19	17.0 - 28.0	P	22.8	0.8	11.0 - 19.0	P	14.9	0.5	20.0 - 34.0	P	26.9	1.2	6.0 - 9.0	P	7.4	1.4	23.0 - 39.0	P	31.1	1.5	27

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
Luminometric/CLIA	20	18.0 - 30.0	P	23.9	3.0	11.0 - 19.0	P	15.0	1.7	22.0 - 36.0	P	28.7	2.9	5.0 - 8.0	P	6.8	0.7	24.0 - 41.0	P	32.7	2.4	24
Turbidimetric/PETINIA	21	18.0 - 30.0	P	23.8	1.9	12.0 - 19.0	P	15.4	1.2	21.0 - 35.0	P	28.0	2.1	5.0 - 8.0	P	6.6	0.7	24.0 - 40.0	P	32.2	2.3	83
Other spectrophotometric	22	17.0 - 28.0	P	22.5	1.9	11.0 - 18.0	P	14.2	1.2	20.0 - 33.0	P	26.8	2.0	5.0 - 8.0	P	6.3	1.1	24.0 - 39.0	P	31.4	3.1	68
Total Population																						
Whole Population	23	18.0 - 29.0	P	23.5	2.0	11.0 - 19.0	P	15.1	1.3	21.0 - 35.0	P	27.8	2.2	5.0 - 8.0	P	6.7	0.6	24.0 - 40.0	P	32.1	2.3	276
Quinidine																						
Whole Population	1	1.8 - 3.0	P	2.40	0.00	1.0 - 1.6	P	1.30	0.00	2.2 - 3.8	P	3.00	0.00	5.8 - 9.6	P	7.70	0.00	2.6 - 4.4	P	3.50	0.00	1
Salicylates - mg/L																						
Whole Population	1	170.0 - 283.0	P	226.1	18.6	242.0 - 404.0	P	323.3	97.9	123.0 - 205.0	P	164.0	7.6	40.0 - 66.0	P	52.8	8.9	84.0 - 140.0	P	111.9	11.3	12
Salicylates - mg/dL																						
Initial Grouping by Reagent and Instrument																						
Beckman Synchron other spec & Beckman Unicel DXC series	1	17.0 - 29.0	P	23.3	0.5	27.0 - 44.0	P	35.5	1.2	13.0 - 21.0	P	16.8	0.7	4.0 - 8.0	C	5.5	0.8	8.0 - 13.0	P	10.6	0.8	16
J&J Vitros & J&J Vitros not DT or ECi	2	19.0 - 31.0	P	24.8	1.0	27.0 - 45.0	P	36.0	0.7	14.0 - 24.0	P	19.0	0.6	4.0 - 8.0	C	6.0	0.0	10.0 - 16.0	P	13.2	0.4	13
Siemens Dimension ser & Siemens Dimension Xpand	3	19.0 - 32.0	P	25.3	0.5	28.0 - 47.0	P	37.4	0.7	14.0 - 24.0	P	19.3	0.5	0.0 - 3.0	C	1.0	0.0	10.0 - 17.0	P	13.2	0.4	29
Siemens Dimension ser & Siemens Dimension EXL	4	19.0 - 31.0	P	25.0	0.0	28.0 - 47.0	P	37.5	0.7	14.0 - 24.0	P	19.0	0.0	0.0 - 4.0	C	2.2	1.0	10.0 - 16.0	P	13.0	0.0	14
Initial Grouping by Reagent																						
Beckman Synchron CX	5	18.0 - 29.0	P	23.4	1.2	27.0 - 45.0	P	35.9	1.4	13.0 - 22.0	P	17.6	1.5	4.0 - 8.0	C	5.9	1.0	8.0 - 14.0	P	11.3	0.8	10
Beckman Synchron other spec	6	17.0 - 29.0	P	23.2	0.5	27.0 - 44.0	P	35.5	1.2	13.0 - 21.0	P	16.9	0.7	3.0 - 7.0	C	5.4	0.7	8.0 - 13.0	P	10.6	0.7	21
J&J Vitros	7	19.0 - 31.0	P	24.8	0.8	27.0 - 45.0	P	35.9	0.8	14.0 - 24.0	P	18.9	0.5	4.0 - 8.0	C	6.0	0.2	10.0 - 16.0	P	13.1	0.3	29
Siemens Dimension ser	8	19.0 - 32.0	P	25.2	0.5	28.0 - 47.0	P	37.5	0.7	14.0 - 24.0	P	19.2	0.5	0.0 - 4.0	C	2.2	1.0	10.0 - 16.0	P	13.2	0.4	64
Siemens Trinder Spect.	9	19.0 - 31.0	P	25.2	0.4	28.0 - 47.0	P	37.4	0.5	14.0 - 24.0	P	19.0	0.0	0.0 - 4.0	C	1.8	1.3	10.0 - 16.0	P	13.2	0.4	13
Initial Grouping by Sensitivity or Principle																						
Turbidimetric/PETINIA	10	18.0 - 29.0	P	23.4	1.2	27.0 - 45.0	P	35.9	1.4	13.0 - 22.0	P	17.6	1.5	4.0 - 8.0	C	5.9	1.0	8.0 - 14.0	P	11.3	0.8	10
Other spectrophotometric	11	19.0 - 31.0	P	24.7	1.0	28.0 - 46.0	P	36.7	1.2	14.0 - 23.0	P	18.6	1.1	3.0 - 7.0	C	4.9	1.7	9.0 - 16.0	P	12.6	1.1	134
Total Population																						
Whole Population	12	18.0 - 31.0	P	24.5	1.1	27.0 - 46.0	P	36.6	1.3	14.0 - 23.0	P	18.4	1.1	4.0 - 8.0	C	5.5	0.6	9.0 - 15.0	P	12.4	1.2	157
Theophyline																						
Initial Grouping by Reagent and Instrument																						
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	1	18.0 - 31.0	P	24.6	1.1	7.0 - 12.0	P	9.7	0.6	24.0 - 40.0	P	32.0	1.5	16.0 - 27.0	P	21.9	1.0	29.0 - 48.0	P	38.8	1.3	17
J&J Vitros spectrophot & J&J Vitros																						

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
not DT or ECi	2	29.0 - 49.0	P	39.2	2.2	15.0 - 25.0	P	20.0	1.3	36.0 - 60.0	P	48.3	5.0	27.0 - 44.0	P	35.5	3.0	43.0 - 72.0	P	57.6	6.9	11
Siemens Emit,Dimension Flex & Siemens Dimension Xpand	3	20.0 - 34.0	P	27.2	0.6	8.0 - 14.0	P	11.0	0.0	26.0 - 44.0	P	34.8	1.2	18.0 - 30.0	P	23.6	0.5	31.0 - 51.0	P	40.8	2.8	10
Siemens Emit,Dimension Flex & Siemens Dimension EXL	4	20.0 - 33.0	P	26.6	1.2	8.0 - 14.0	P	11.0	0.6	27.0 - 44.0	P	35.4	2.1	17.0 - 29.0	P	23.1	1.2	31.0 - 52.0	P	41.8	2.2	11
Initial Grouping by Reagent																						
Beckman Synch LX,UniCel DxC	5	18.0 - 31.0	P	24.4	1.1	7.0 - 12.0	P	9.6	0.7	24.0 - 40.0	P	31.9	1.4	16.0 - 27.0	P	21.7	1.3	29.0 - 48.0	P	38.7	1.3	20
J&J Vitros spectrophot	6	30.0 - 49.0	P	39.4	1.9	15.0 - 25.0	P	19.6	1.2	36.0 - 60.0	P	47.7	4.7	27.0 - 45.0	P	36.1	2.0	43.0 - 71.0	P	57.0	7.6	24
Siemens Petinia	7	20.0 - 33.0	P	26.4	1.2	8.0 - 14.0	P	11.0	0.6	26.0 - 43.0	P	34.2	1.7	17.0 - 29.0	P	23.0	0.9	31.0 - 51.0	P	40.8	2.1	20
Siemens Emit,Dimension Flex	8	20.0 - 34.0	P	27.0	1.0	8.0 - 14.0	P	11.1	0.5	26.0 - 44.0	P	35.1	1.7	17.0 - 29.0	P	23.2	0.9	31.0 - 52.0	P	41.4	2.5	31
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	9	20.0 - 33.0	P	26.8	1.3	8.0 - 14.0	P	11.1	0.6	26.0 - 44.0	P	34.8	2.1	17.0 - 29.0	P	23.2	1.1	31.0 - 51.0	P	41.0	2.7	35
Turbidimetric/PETINIA	10	19.0 - 32.0	P	25.4	1.5	8.0 - 13.0	P	10.3	0.9	25.0 - 41.0	P	32.9	1.8	17.0 - 28.0	P	22.2	1.2	30.0 - 50.0	P	39.8	1.9	48
Other spectrophotometric	11	25.0 - 42.0	P	33.8	7.1	12.0 - 20.0	P	15.9	4.7	31.0 - 52.0	P	41.9	8.1	23.0 - 38.0	P	30.6	6.9	38.0 - 63.0	P	50.4	10.2	40
Total Population																						
Whole Population	12	20.0 - 33.0	P	26.7	3.1	8.0 - 13.0	P	10.6	0.9	26.0 - 43.0	P	34.8	3.9	17.0 - 28.0	P	22.8	1.8	31.0 - 52.0	P	41.4	4.4	147

Tobramycin

Initial Grouping by Sensitivity or Principle																						
Turbidimetric/PETINIA	1	7.1 - 11.9	P	9.50	1.60	9.0 - 14.9	P	11.95	1.84	6.1 - 10.2	P	8.19	1.39	0.8 - 1.4	P	1.10	0.40	5.2 - 8.7	P	6.95	1.02	10
Total Population																						
Whole Population	2	7.0 - 11.7	P	9.37	1.33	8.7 - 14.5	P	11.60	1.33	6.1 - 10.1	P	8.07	1.06	0.9 - 1.4	P	1.14	0.32	5.1 - 8.5	P	6.78	0.82	26

Valproic Acid

Initial Grouping by Reagent and Instrument																						
Abbott FPIA & Abbott AxSYM	1	68.0 - 114.0	P	91.2	1.7	106.0 - 176.0	P	140.9	4.5	49.0 - 82.0	P	65.8	2.3	72.0 - 119.0	P	95.5	2.8	32.0 - 53.0	P	42.2	1.4	12
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	2	66.0 - 110.0	P	87.6	2.9	102.0 - 170.0	P	135.9	7.5	49.0 - 81.0	P	64.7	2.5	70.0 - 117.0	P	93.7	2.6	30.0 - 50.0	P	40.3	2.1	23
J&J Vitros spectrophot & J&J Vitros 5,1 FS	3	58.0 - 97.0	P	77.6	3.4	99.0 - 165.0	P	131.8	6.0	41.0 - 68.0	P	54.1	4.1	66.0 - 110.0	P	88.2	3.0	24.0 - 41.0	P	32.4	2.7	10
Siemens Petinia & Siemens Dimension Xpand	4	66.0 - 110.0	P	88.1	2.9	99.0 - 165.0	P	132.3	5.3	51.0 - 84.0	P	67.5	1.4	69.0 - 115.0	P	92.4	2.3	33.0 - 55.0	P	43.8	1.5	12
Siemens Emit,Dimension Flex & Siemens Dimension Xpand	5	68.0 - 113.0	P	90.8	3.2	102.0 - 170.0	P	135.7	7.1	52.0 - 87.0	P	69.2	2.1	71.0 - 118.0	P	94.7	1.8	33.0 - 55.0	P	43.8	1.2	12
Initial Grouping by Reagent																						
Abbott FPIA	6	68.0 - 114.0	P	91.0	1.8	106.0 - 176.0	P	140.9	4.3	49.0 - 82.0	P	65.8	2.2	72.0 - 120.0	P	95.8	2.9	32.0 - 53.0	P	42.1	1.4	13
Beckman Synch LX,UniCel DxC	7	66.0 - 109.0	P	87.6	2.8	102.0 - 169.0	P	135.5	7.4	48.0 - 81.0	P	64.6	2.5	70.0 - 117.0	P	93.4	2.8	30.0 - 50.0	P	40.0	2.3	25
J&J Vitros spectrophot	8	60.0 - 100.0	P	79.9	5.1	99.0 - 166.0	P	132.6	7.9	41.0 - 69.0	P	55.3	4.3	67.0 - 112.0	P	89.5	3.3	24.0 - 41.0	P	32.5	2.7	18

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
Beckman Olympus Emit 2000	9	74.0 - 123.0	P	98.1	6.3	114.0 - 190.0	P	152.3	11.1	54.0 - 91.0	P	72.5	5.5	78.0 - 130.0	P	103.7	5.6	34.0 - 57.0	P	45.8	2.3	11
Siemens Petinia	10	67.0 - 112.0	P	89.6	3.6	100.0 - 168.0	P	134.0	5.9	51.0 - 85.0	P	67.9	2.2	70.0 - 117.0	P	93.5	3.5	33.0 - 55.0	P	44.0	1.6	29
Siemens Emit,Dimension Flex	11	67.0 - 112.0	P	89.8	3.2	101.0 - 168.0	P	134.3	6.2	51.0 - 86.0	P	68.5	2.1	71.0 - 118.0	P	94.6	2.0	33.0 - 55.0	P	44.1	1.2	33
Siemens Immulite	12	77.0 - 129.0	P	102.9	6.2	119.0 - 198.0	P	158.1	8.7	56.0 - 93.0	P	74.6	1.9	85.0 - 142.0	P	113.7	3.8	35.0 - 58.0	P	46.3	2.2	12
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	13	69.0 - 115.0	P	92.2	5.5	104.0 - 174.0	P	139.2	10.8	52.0 - 87.0	P	69.6	3.8	73.0 - 122.0	P	97.6	5.7	33.0 - 56.0	P	44.6	1.8	47
Fluorescence polariz (FPIA)	14	68.0 - 114.0	P	91.2	1.8	105.0 - 176.0	P	140.6	4.4	50.0 - 83.0	P	66.2	2.2	72.0 - 120.0	P	96.2	2.7	32.0 - 53.0	P	42.4	1.4	18
Luminometric/CLIA	15	74.0 - 124.0	P	99.2	9.3	112.0 - 187.0	P	149.9	15.3	55.0 - 91.0	P	73.1	3.5	81.0 - 135.0	P	107.7	9.8	34.0 - 57.0	P	45.3	3.3	19
Turbidimetric/PETINIA	16	67.0 - 111.0	P	89.1	3.9	101.0 - 169.0	P	134.9	6.4	50.0 - 83.0	P	66.1	3.4	70.0 - 117.0	P	93.8	3.5	32.0 - 53.0	P	42.2	2.8	68
Other spectrophotometric	17	64.0 - 107.0	P	85.5	7.6	102.0 - 171.0	P	136.6	9.7	46.0 - 76.0	P	61.0	7.0	70.0 - 116.0	P	93.2	6.9	28.0 - 47.0	P	37.4	5.5	37
Total Population																						
Whole Population	18	68.0 - 113.0	P	90.3	6.7	104.0 - 173.0	P	138.5	10.2	50.0 - 83.0	P	66.7	5.4	72.0 - 120.0	P	96.2	6.8	32.0 - 53.0	P	42.3	4.0	203

Vancomycin

Initial Grouping by Reagent and Instrument																						
Abbott FPIA & Abbott AxSYM	1	30.0 - 50.0	P	39.6	2.7	37.0 - 61.0	P	49.0	2.6	26.0 - 43.0	P	34.7	1.7	4.0 - 7.0	C	5.1	0.7	22.0 - 37.0	P	29.4	1.3	11
Beckman Synch LX,UniCel DxC & Beckman Unicel DXC series	2	31.0 - 52.0	P	41.5	3.0	40.0 - 67.0	P	53.7	5.6	28.0 - 46.0	P	36.8	2.0	3.0 - 6.0	C	4.6	0.9	24.0 - 40.0	P	31.8	2.4	26
J&J Vitros spectrophot & J&J Vitros 5,1 FS	3	28.0 - 47.0	P	37.3	2.6	35.0 - 58.0	P	46.1	3.3	24.0 - 40.0	P	32.0	2.9	4.0 - 7.0	C	5.1	0.3	20.0 - 33.0	P	26.7	1.1	10
Siemens Petinia & Siemens Dimension Xpand	4	28.0 - 47.0	P	37.9	1.2	36.0 - 59.0	P	47.5	1.8	25.0 - 42.0	P	33.2	1.1	3.0 - 6.0	C	4.5	0.5	21.0 - 35.0	P	28.1	0.8	15
Siemens Emit,Dimension Flex & Siemens Dimension Xpand	5	28.0 - 48.0	P	38.0	1.3	36.0 - 60.0	P	47.9	1.1	25.0 - 41.0	P	33.2	1.3	3.0 - 6.0	C	4.8	0.5	21.0 - 35.0	P	28.4	1.0	16
Initial Grouping by Reagent																						
Abbott FPIA	6	30.0 - 50.0	P	39.6	2.7	37.0 - 61.0	P	49.0	2.6	26.0 - 43.0	P	34.7	1.7	4.0 - 7.0	C	5.1	0.7	22.0 - 37.0	P	29.4	1.3	11
Beckman Synchron other spec	7	32.0 - 53.0	P	42.4	1.6	39.0 - 65.0	P	51.8	4.3	28.0 - 46.0	P	37.2	1.3	3.0 - 6.0	C	4.9	0.9	23.0 - 39.0	P	31.2	1.3	10
Beckman Synch LX,UniCel DxC	8	31.0 - 52.0	P	41.4	3.0	40.0 - 67.0	P	53.7	5.5	28.0 - 46.0	P	36.8	2.0	3.0 - 6.0	C	4.6	0.9	24.0 - 40.0	P	31.7	2.3	27
J&J Vitros spectrophot	9	28.0 - 46.0	P	37.0	2.2	35.0 - 59.0	P	46.8	2.9	24.0 - 40.0	P	31.9	2.3	4.0 - 7.0	C	5.2	0.4	20.0 - 33.0	P	26.7	1.2	18
Siemens Petinia	10	28.0 - 47.0	P	37.9	1.4	36.0 - 60.0	P	47.6	1.8	25.0 - 41.0	P	33.0	1.1	3.0 - 6.0	C	4.5	0.5	21.0 - 35.0	P	28.0	0.9	31
Siemens Emit,Dimension Flex	11	29.0 - 48.0	P	38.2	1.7	36.0 - 60.0	P	48.0	1.4	25.0 - 41.0	P	33.1	1.2	3.0 - 6.0	C	4.6	0.5	21.0 - 35.0	P	28.2	1.1	43
Initial Grouping by Sensitivity or Principle																						
Enzyme-multiplied IA/EMIT	12	28.0 - 47.0	P	37.8	2.8	36.0 - 59.0	P	47.4	3.8	25.0 - 41.0	P	32.9	2.5	4.0 - 7.0	C	5.8	8.3	21.0 - 35.0	P	28.4	2.9	52

		Specimen 1				Specimen 2				Specimen 3				Specimen 4				Specimen 5				
Name	**Line No.**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**Range & Type**		**Mean**	**SD**	**No. of Labs**
Fluorescence polariz (FPIA)	13	32.0 - 53.0	P	42.2	4.5	40.0 - 67.0	P	53.2	6.3	28.0 - 46.0	P	37.1	3.7	5.0 - 9.0	P	7.0	3.7	24.0 - 39.0	P	31.4	3.1	17
Turbidimetric/PETINIA	14	30.0 - 49.0	P	39.5	2.8	38.0 - 63.0	P	50.7	4.9	26.0 - 43.0	P	34.8	2.4	3.0 - 6.0	C	4.6	0.8	22.0 - 37.0	P	29.7	2.4	69
Other spectrophotometric	15	30.0 - 49.0	P	39.4	4.1	37.0 - 62.0	P	49.3	5.7	26.0 - 43.0	P	34.3	3.8	4.0 - 7.0	C	5.2	0.8	22.0 - 36.0	P	29.0	3.1	38
Total Population																						
Whole Population	16	29.0 - 49.0	P	39.1	3.7	37.0 - 62.0	P	49.5	5.3	26.0 - 43.0	P	34.3	3.2	3.0 - 6.0	C	4.8	0.7	22.0 - 36.0	P	29.1	2.8	185