AMERICAN ASSOCIATION OF BIOANALYSTS
205 West Levee St. Brownsville, TX 78520
(281) 436-5357 - (800) 234-5315 - Fax (713) 781-5008

PARTICIPANT STATISTICS

COMPREHENSIVE CHEMISTRY

Chemistry Q1 2010

		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. Labs
Iron																						
Initial Grouping by Reagent and Instrument																						
Alfa Wassermann & Alfa Wasser ACE/Centr/Alera	1	152-228	P	190.4	5	81-121	P	101.2	2	199-298	P	248.3	4	138-207	P	172.2	3	40-60	P	49.6	2	12
Beckman Ferrozine & Beckman Synchron CX3/7/9/L	2	162-242	P	202.1	7	87-130	P	108.4	4	217-325	P	271.0	7	146-219	P	182.4	5	41-62	P	51.4	4	17
Beckman Ferrozine & Beckman Unicel DXC series	3	166-249	P	207.1	8	88-131	P	109.4	4	218-327	P	272.9	6	150-225	P	187.3	7	43-64	P	53.6	3	48
Carolina & Beckman Synchron CX3/7/9/L	4	156-234	P	194.8	10	78-117	P	97.7	7	198-297	P	247.9	10	136-205	P	170.5	7	36-54	P	45.3	3	22
J&J Vitros & J&J Vitros not DT or ECi	5	190-285	P	237.1	13	87-130	P	108.4	5	238-357	P	297.3	9	165-247	P	205.7	8	37-55	P	46.2	4	22
J&J Vitros & J&J Vitros 5,1 FS	6	187-281	P	233.9	11	86-128	P	107.1	7	233-350	P	291.4	16	162-244	P	203.1	10	37-56	P	46.3	2	15
Beckman Olympus Ferene & Beck Oly AU 400/600/5400	7	183-275	P	228.9	15	92-138	P	114.9	5	235-353	P	293.9	9	161-241	P	200.7	6	45-68	P	56.3	3	11
Roche Cobas & Roche Cobas Integra	8	176-264	P	219.8	8	85-127	P	105.7	4	220-329	P	274.5	4	154-232	P	193.1	6	40-60	P	50.2	4	12
Siemens Dimension & Siemens Dimension series	9	167-250	P	208.3	4	81-121	P	100.8	3	208-312	P	259.7	6	145-218	P	181.5	4	38-57	P	47.5	2	26
Siemens Dimension & Siemens Dimension Rxl	10	167-251	P	208.8	3	81-121	P	100.8	3	209-313	P	260.8	3	144-215	P	179.4	3	38-58	P	48.0	2	10
Siemens Dimension & Siemens Dimension Xpand	11	167-250	P	208.7	5	81-122	P	101.5	2	209-313	P	260.6	4	145-218	P	181.9	3	39-58	P	48.3	2	28
Sterling Ferrozine & Other spectrophotometers	12	153-229	P	190.6	16	81-122	P	101.4	7	207-310	P	258.5	14	136-204	P	170.4	13	40-60	P	50.1	5	11
Olympus tripyridyltriazine & Beck Oly AU 400/600/5400	13	177-266	P	221.8	7	92-138	P	114.6	5	234-351	P	292.8	4	159-239	P	199.3	4	44-66	P	55.2	3	13
Initial Grouping by Reagent																						
Alfa Wassermann	14	152-228	P	190.4	5	81-121	P	101.2	2	199-298	P	248.3	4	138-207	P	172.2	3	40-60	P	49.6	2	12
Beckman Ferrozine	15	165-247	P	206.1	9	87-131	P	109.1	5	218-328	P	273.1	11	148-222	P	184.6	17	44-65	P	54.4	16	76
Carolina	16	158-237	P	197.8	19	81-121	P	101.1	16	199-298	P	248.3	15	143-214	P	178.7	32	38-57	P	47.3	9	30
DCL/Genzyme	17	156-234	P	194.6	14	70-106	P	88.0	10	190-285	P	237.2	20	131-197	P	164.2	14	33-50	P	41.7	5	25
J&J Vitros	18	189-284	P	236.3	12	86-130	P	108.0	6	237-355	P	296.2	15	164-246	P	204.7	9	37-56	P	46.8	4	40
Beckman Olympus Ferene	19	182-272	P	226.9	16	92-138	P	114.6	5	234-351	P	292.2	10	160-240	P	199.8	7	45-67	P	55.8	4	12
Roche Cobas	20	178-267	P	222.3	7	86-129	P	107.4	4	221-331	P	276.1	4	156-233	P	194.5	5	42-63	P	52.2	4	22
Roche DGKC	21	178-266	P	221.9	6	85-128	P	106.6	2	219-329	P	273.9	5	153-229	P	190.9	2	41-61	P	51.0	1	15
Siemens Dimension	22	166-249	P	207.8	5	81-121	P	101.0	3	208-312	P	260.0	7	145-217	P	181.1	4	38-58	P	47.9	2	71
Sterling Ferrozine	23	153-230	P	191.8	16	81-122	P	101.7	7	207-310	P	258.2	13	139-209	P	174.3	9	40-60	P	50.1	5	12
Olympus tripyridyltriazine	24	178-268	P	223.1	7	93-139	P	115.8	6	235-352	P	293.5	5	160-240	P	199.7	4	44-66	P	55.4	2	17
Initial Grouping by Sensitivity or Principle																						
Ferene-based	25	163-245	P	203.9	16	80-120	P	100.0	11	205-307	P	256.1	19	143-214	P	178.3	22	38-57	P	47.4	8	164
Ferrozine-based	26	166-249	P	207.3	17	85-127	P	106.0	7	214-321	P	267.4	16	147-220	P	183.6	16	42-63	P	52.3	12	172
Tripyridyltriazine (TPTZ)	27	179-268	P	223.4	7	92-138	P	114.7	4	235-352	P	293.4	5	160-240	P	199.7	4	44-67	P	55.5	3	19
All other methods	28	189-284	P	236.3	12	86-130	P	108.0	6	237-355	P	296.2	15	164-246	P	204.7	9	37-56	P	46.8	4	40
Total Population																						
Whole Population	29	168-251	P	209.5	18	83-125	P	104.2	9	214-320	P	267.0	21	148-221	P	184.5	14	40-59	P	49.4	5	410