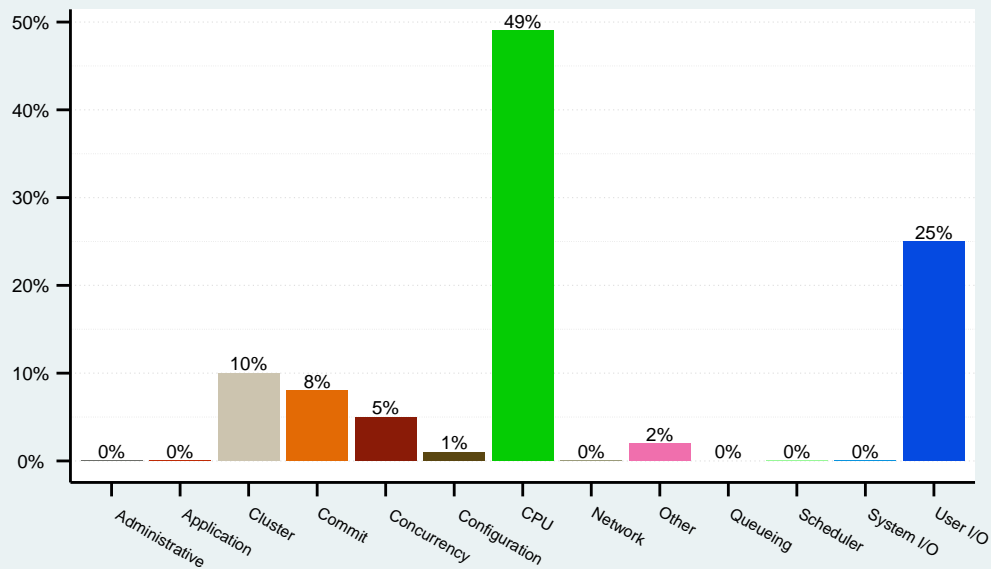


name	nodes	platform	version	sockets	cores	threads	mem	days	days.shown	AWR.Miner.Capture	AWR.Miner.Graph
DHLS	2	Solaris[tm]_OE_(64-bit)	12.1.0.2.0	8	128	1024	2045.5	3.4	3.4	3.0.21	4.0.12

cpu	r_iops	w_iops	r_mb_s	w_mb_s	logons_total	logons/core	exec_s	commits_s	aas	sga	pga	memused	sizegb
19.3	40946.7	32190.3	2201.1	5281.6	937.3	7	65117.9	6266.6	304.9	254	52	306	7026

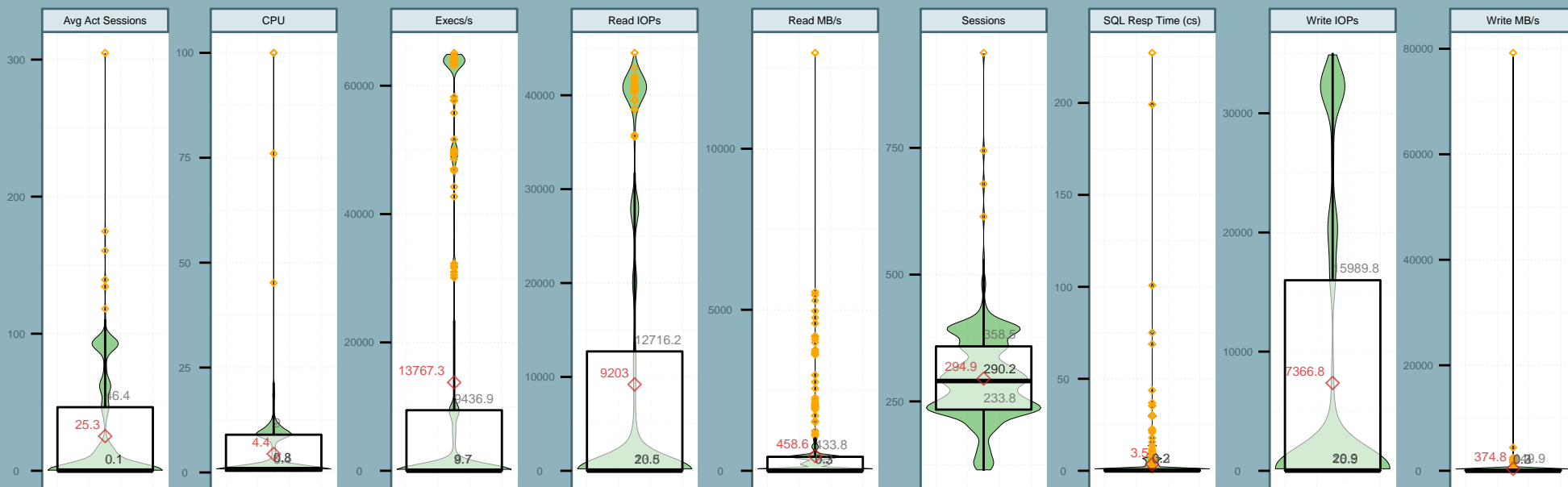
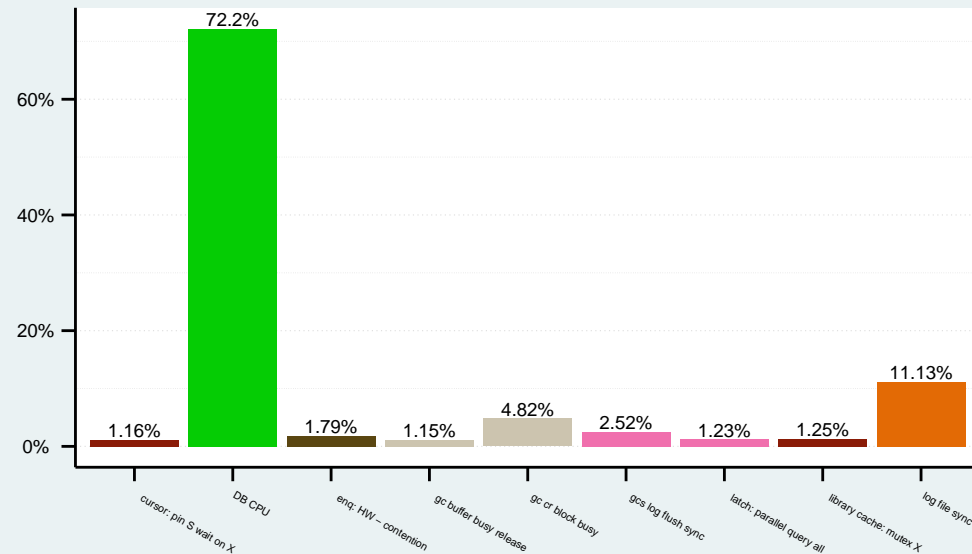
HOSTS osc3cn01-d1,osc3cn02-d1

AAS % by Wait Class - All Snapshots

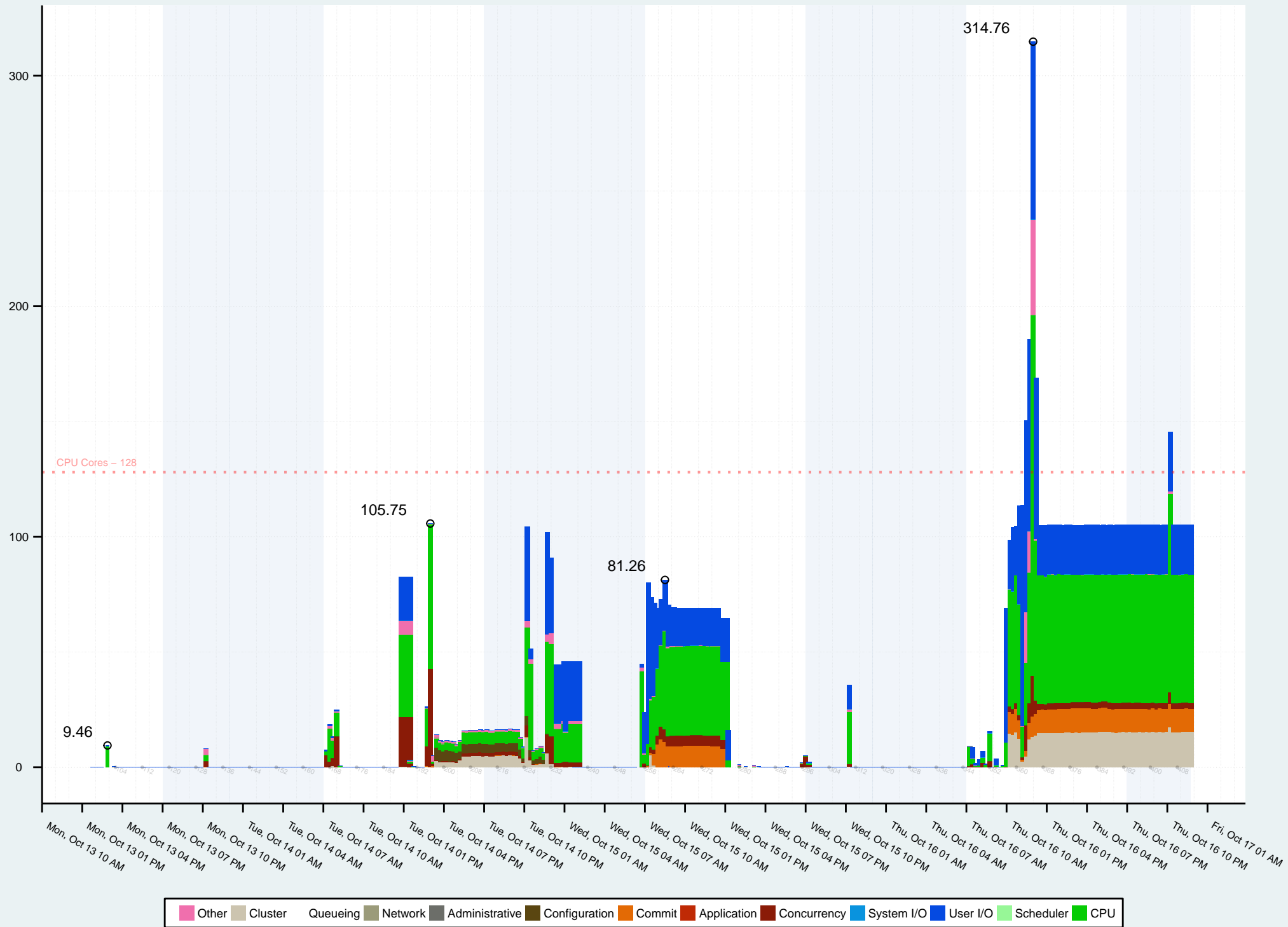


Top N Timed Events Aggregated over Snapshot Range

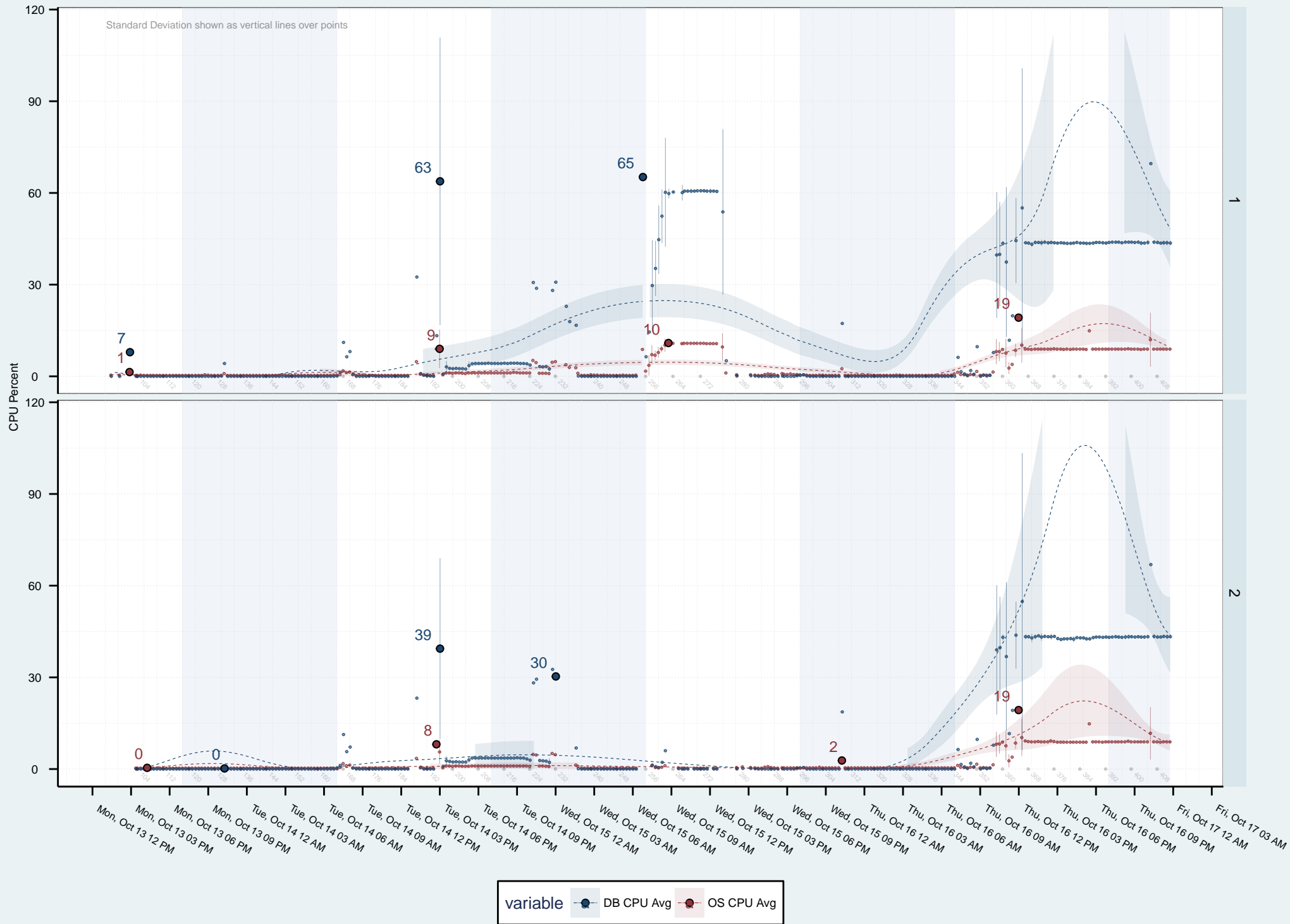
Colors correspond to wait classes from AAS graph to left



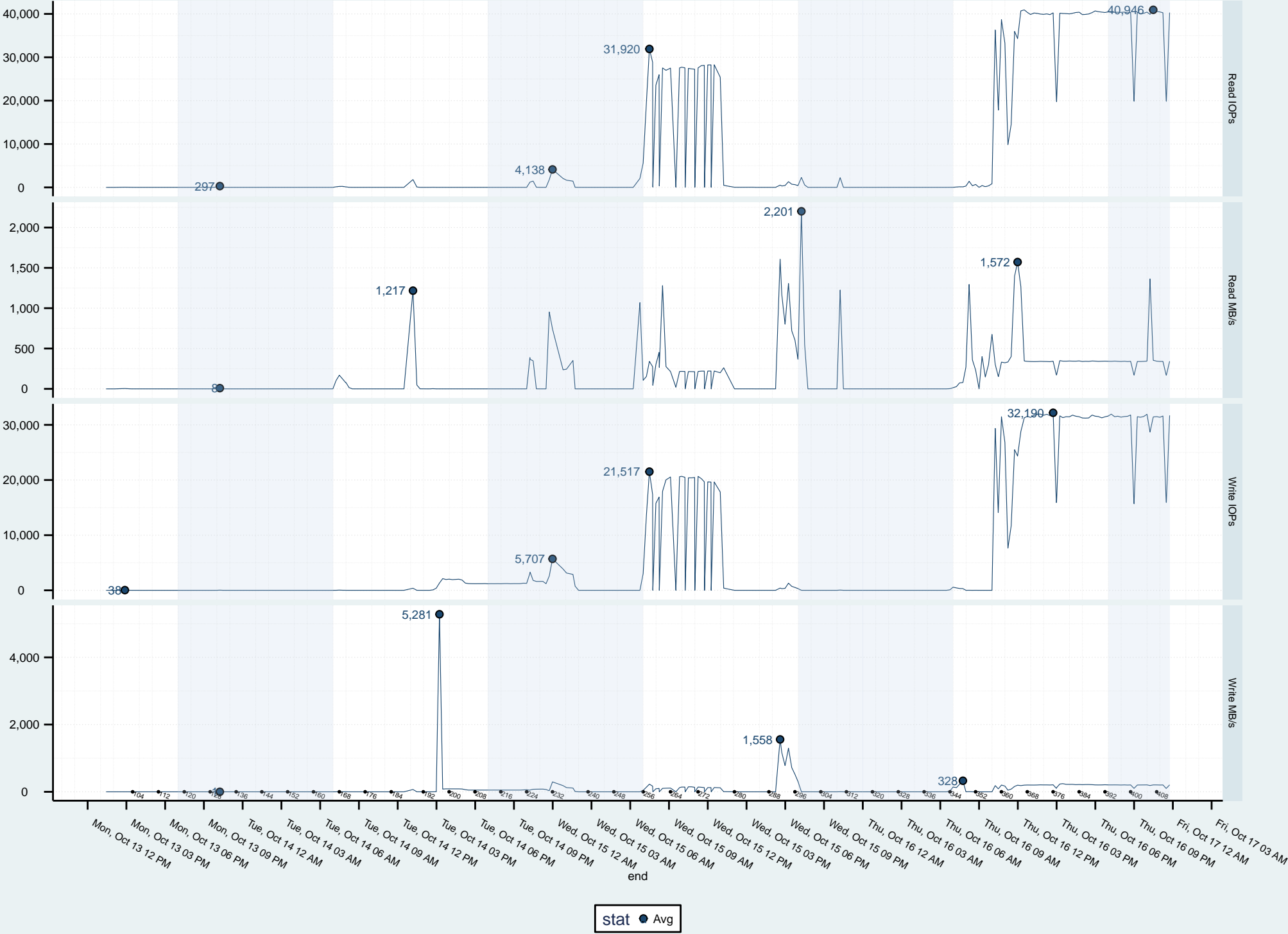
Average Active Sessions (AAS) for DHLS



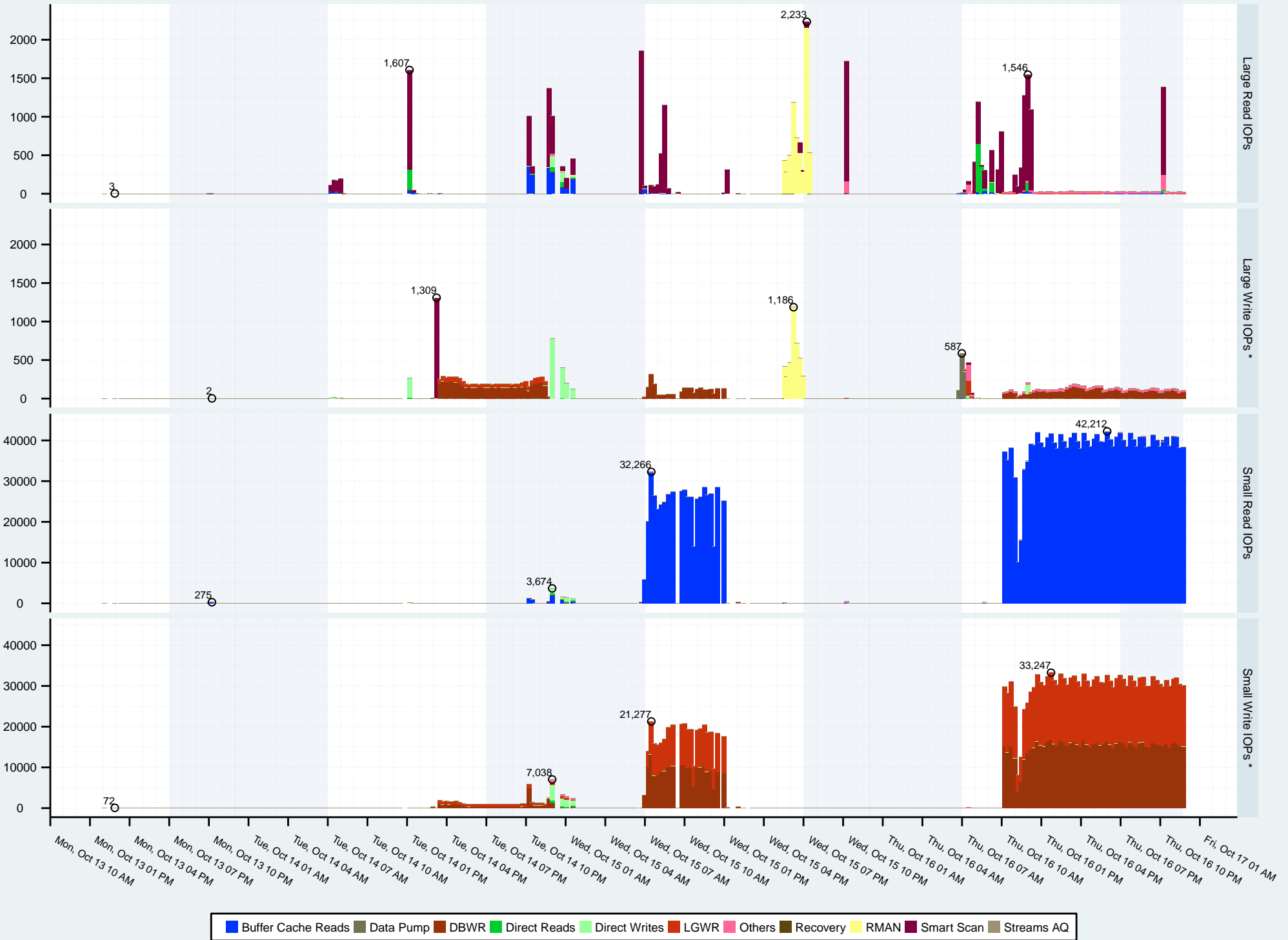
OS CPU % and Database CPU % for DHLS



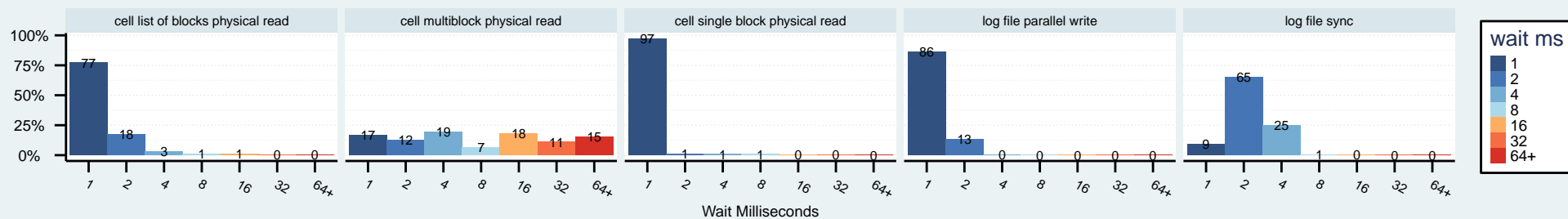
IO Avg and Max by IO Type for DHLS



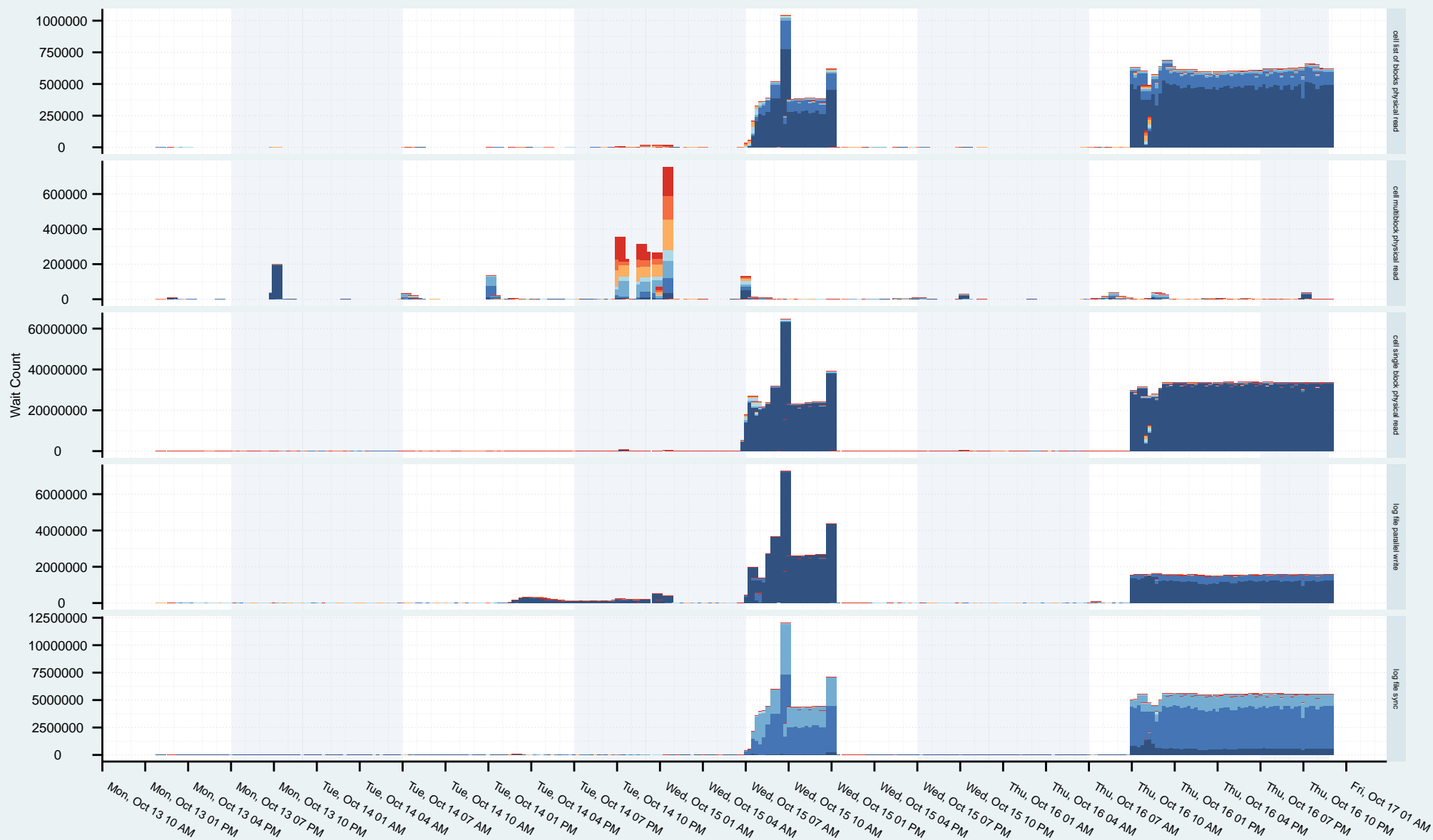
IO Requests by Size by Function – DHLS



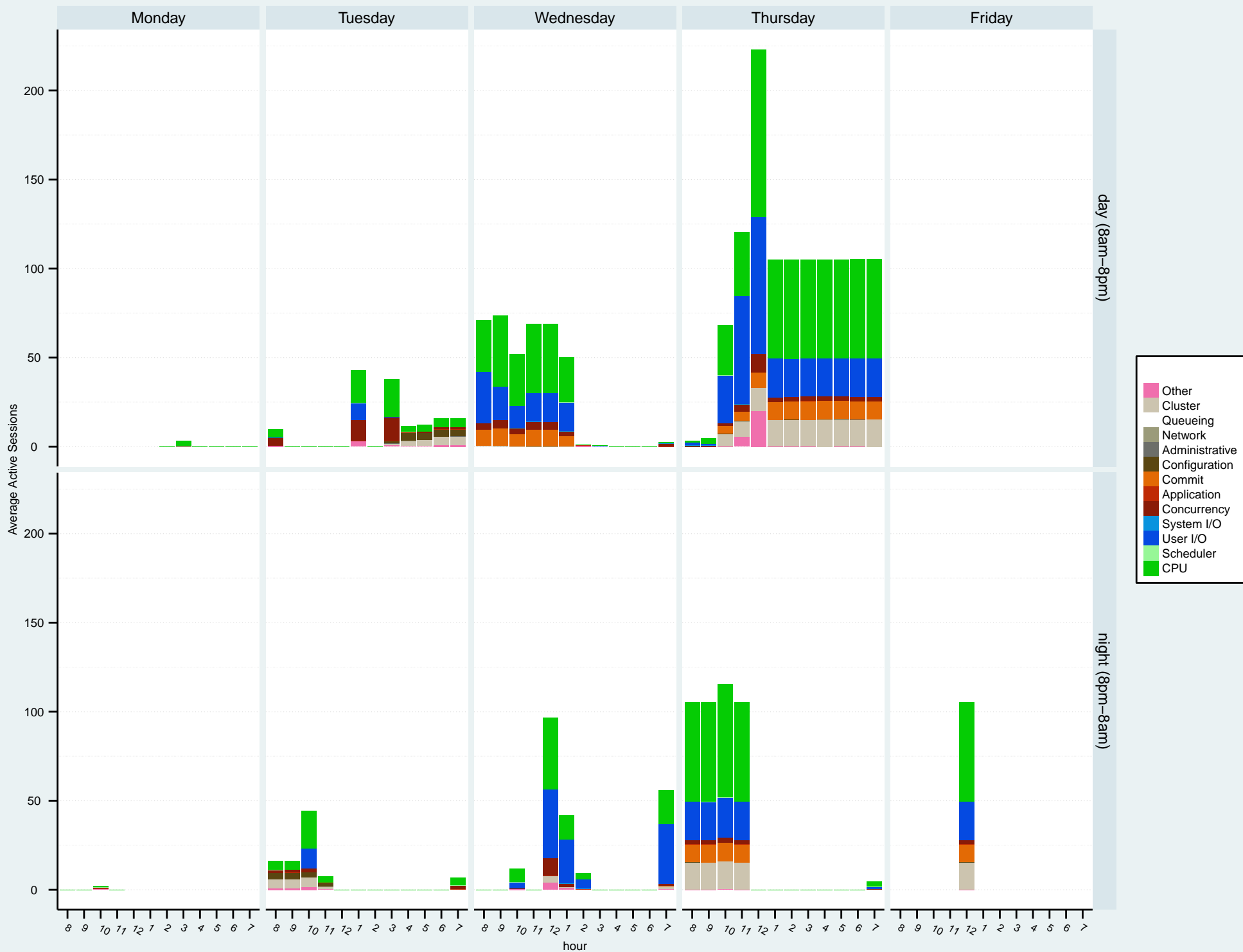
I/O Wait Event Histogram



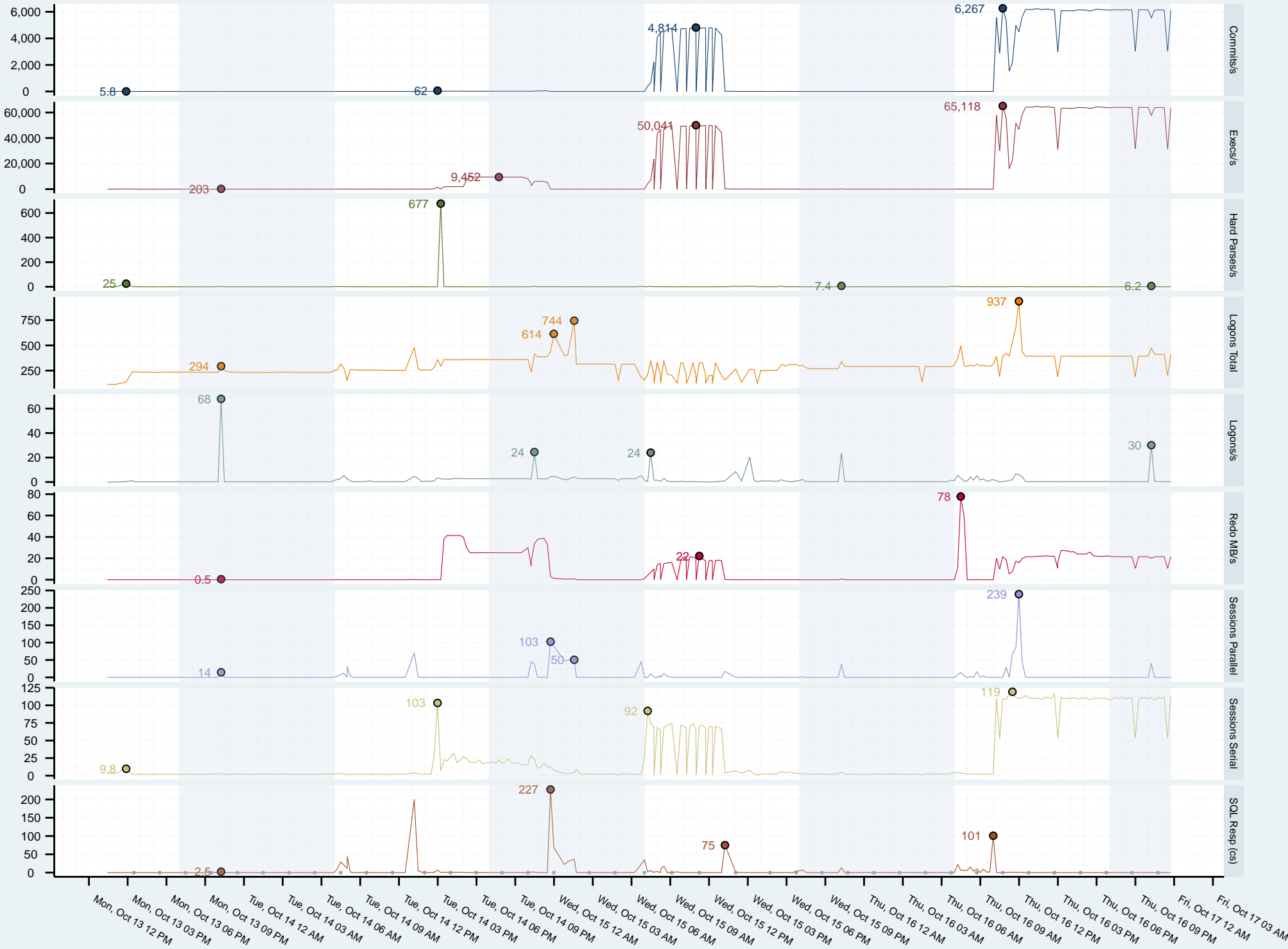
I/O Wait Event Area Chart



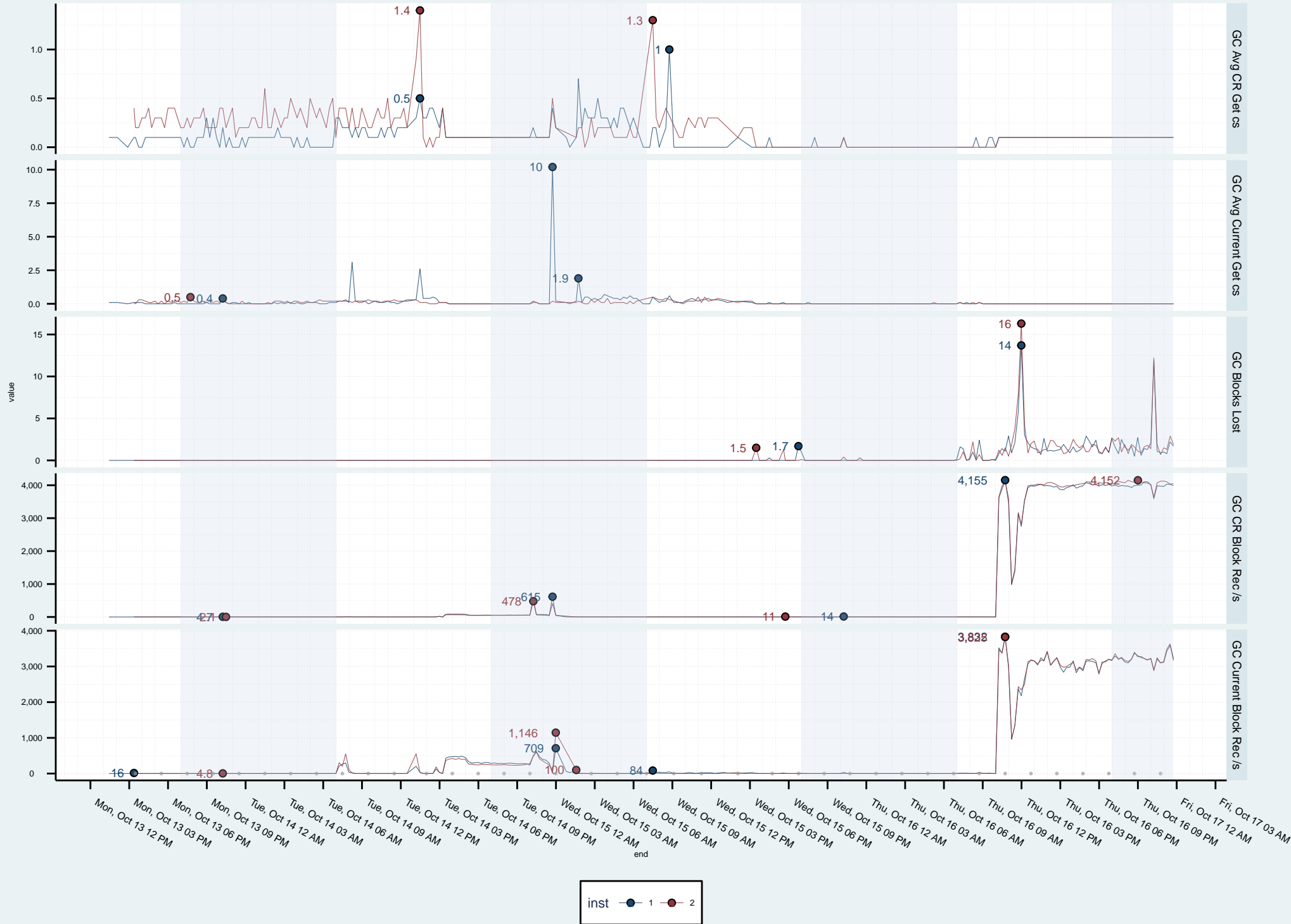
Average Active Sessions Summarized by Day and Hour for DHLS



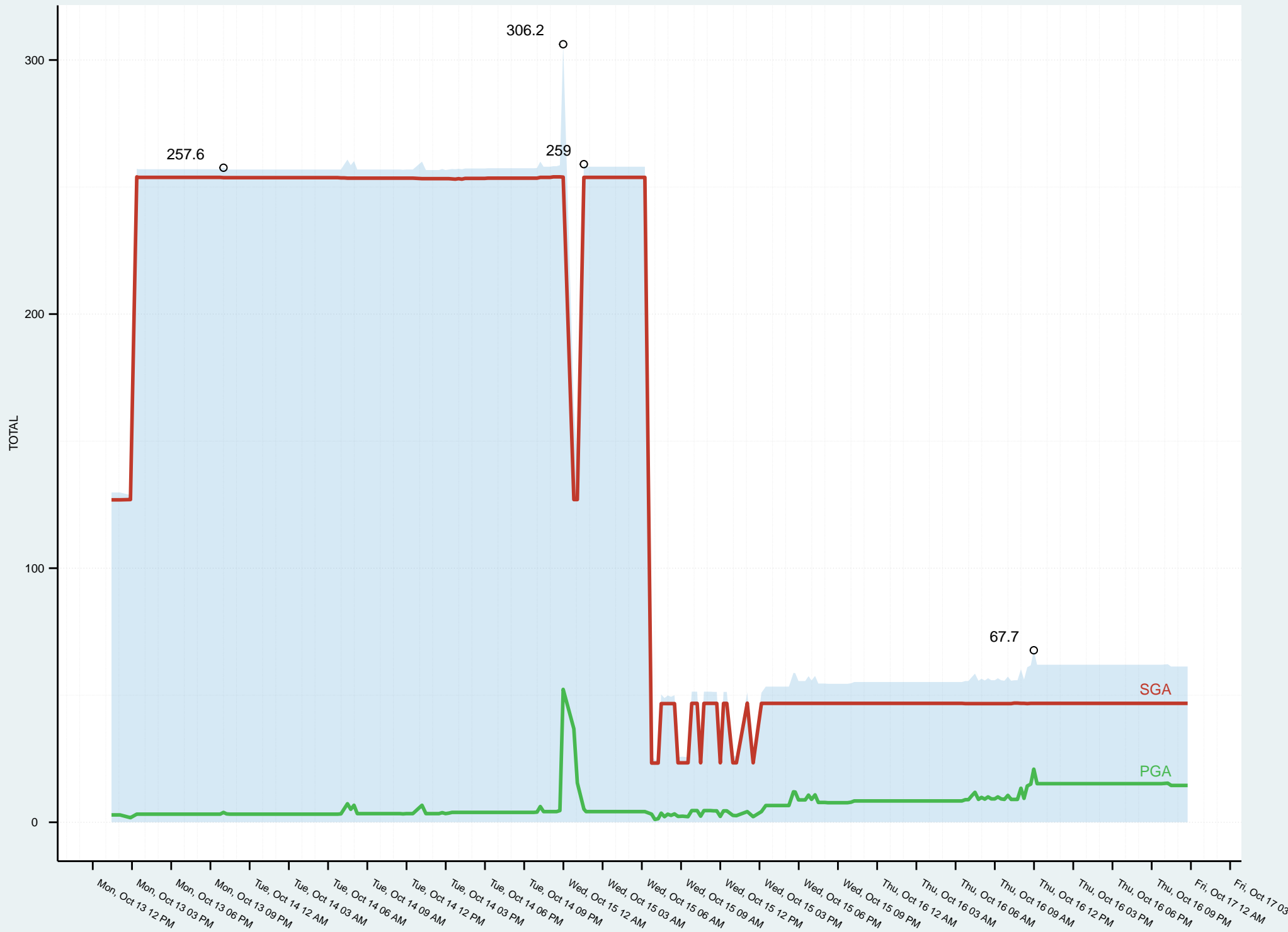
Main Activity Variables for DHLS



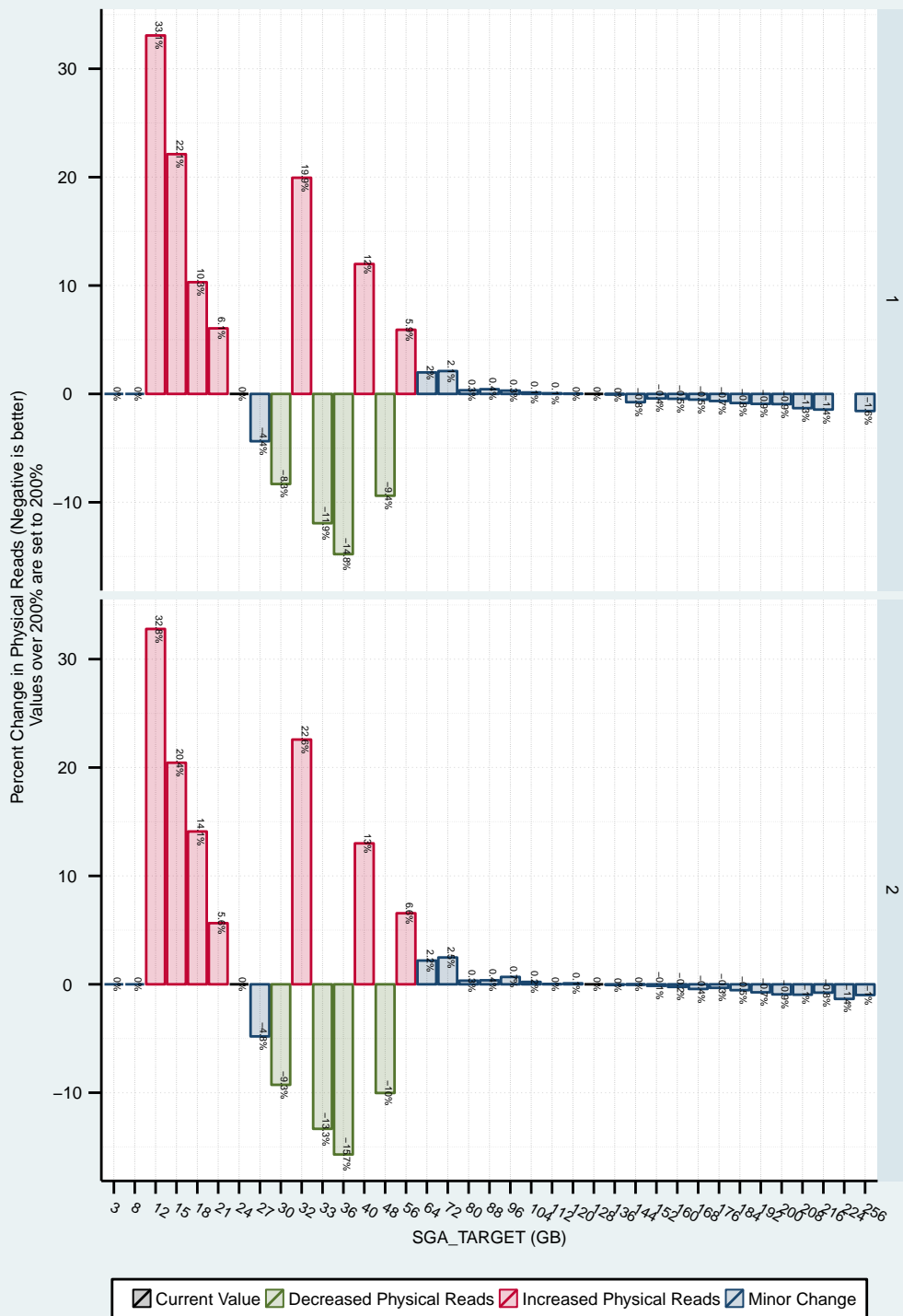
Global Cache Attributes for DHLS



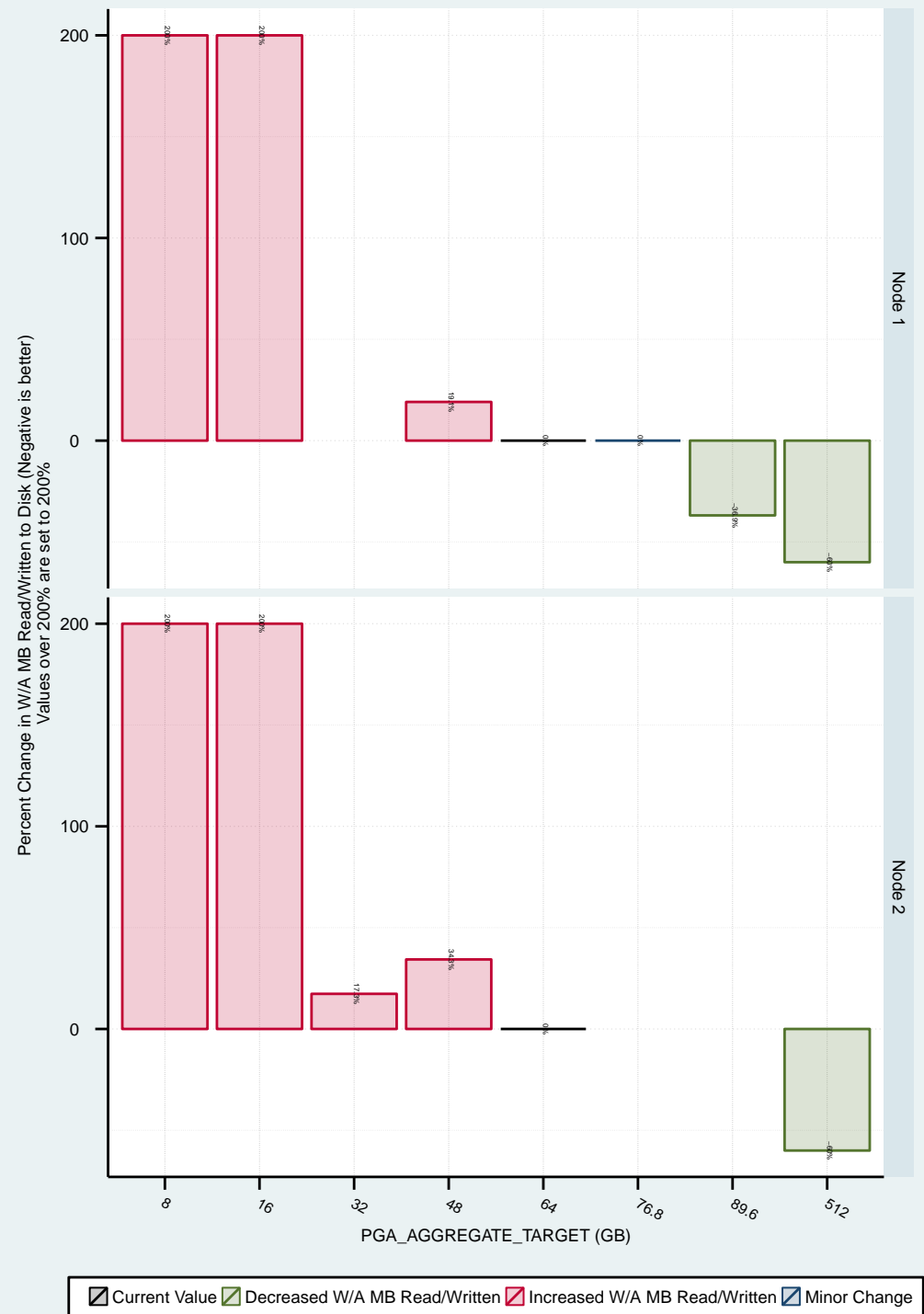
Total Memory Usage in GB for DHLS



Average Percent Change in Physical Reads
Relative To SGA_TARGET from SGA Target Advisory for DHLS



Average Percent Change in W/A MB Read/Written to Disk
Relative To PGAAggregate_TARGET from PGA Target Advisory for DHLS



PARAMETER_NAME	VALUE	PARAMETER_NAME	VALUE	PARAMETER_NAME	VALUE
DBFIPS_140	FALSE	db_writer_processes	32	optimizer_use_invisible_indexes	
O7_DICTIONARY_ACCESSIBILITY	FALSE	dbwr_io_slaves	0	optimizer_use_pending_statistics	
__data_transfer_cache_size	0	ddl_lock_timeout	0	optimizer_use_sql_plan_baselines	
__db_cache_size	13891534848	deferred_segment_creation	TRUE	os_roles	
__java_pool_size	67108864	diagnostic_dest	/u01/app/oracle	parallel_adaptive_multi_user	
__large_pool_size	6979321856	disk_asynch_io	TRUE	parallel_automatic_tuning	
__oracle_base	/u01/app/oracle	dispatchers	(PROTOCOL=TCP) (SERVICE=DH	parallel_degree_level	
__pga_aggregate_target	68719476736	distributed_lock_timeout	60	parallel_degree_limit	
__sga_target	25769803776	dml_locks	14640	parallel_degree_policy	
__shared_io_pool_size	201326592	dnfs_batch_size	4096	parallel_execution_message_size	
__shared_pool_size	4362076160	dst_upgrade_insert_conv	TRUE	parallel_force_local	
__streams_pool_size	67108864	enable_ddl_logging	FALSE	parallel_io_cap_enabled	
__wait_test_param	0	enable_goldengate_replication	FALSE	parallel_max_servers	
_backup_disk_bufcnt	64	enable_pluggable_database	FALSE	parallel_min_percent	
_backup_disk_bufsz	1048576	exclude_seed_cdb_view	TRUE	parallel_min_servers	
_backup_file_bufcnt	64	fast_start_io_target	0	parallel_min_time_threshold	
_backup_file_bufsz	1048576	fast_start_mttr_target	300	parallel_server	
_exafusion_enabled	FALSE	fast_start_parallel_rollback	LOW	parallel_server_instances	
_file_size_increase_increment	2143289344	file_mapping	FALSE	parallel_servers_target	
aq_tm_processes	1	filesystemio_options	setall	parallel_threads_per_cpu	
archive_lag_target	0	gcs_server_processes	10	permit_92_wrap_format	
asm_power_limit	1	global_names	TRUE	pga_aggregate_limit	13743
audit_file_dest	/u01/app/oracle/product/1	global_txn_processes	1	pga_aggregate_target	6871
audit_sys_operations	TRUE	hash_area_size	131072	plscope_settings	IDENTIFIED
audit_trail	DB	heat_map	OFF	plsql_code_type	INTE
awr_snapshot_time_offset	0	hi_shared_memory_address	0	plsql_debug	
background_core_dump	partial	hs_autoregister	TRUE	plsql_optimize_level	
background_dump_dest	/u01/app/oracle/product/1	inmemory_force	DEFAULT	plsql_v2_compatibility	
backup_tape_io_slaves	FALSE	inmemory_max_populate_servers	0	plsql_warnings	DISA
bitmap_merge_area_size	1048576	inmemory_query	ENABLE	pre_page_sga	
blank_trimming	FALSE	inmemory_size	0	processes	
cell_offload_compaction	ADAPTIVE	inmemory_trickle_repopulate_servers_percent	1	query_rewrite_enabled	
cell_offload_decryption	TRUE	instance_name	dhls1	query_rewrite_integrity	e
cell_offload_plan_display	AUTO	instance_number	1	read_only_open_delayed	
cell_offload_processing	TRUE	instance_type	RDBMS	recovery_parallelism	
client_result_cache_lag	3000	instant_restore	FALSE	recyclebin	
client_result_cache_size	0	java_jit_enabled	TRUE	remote_dependencies_mode	TI
clonedb	FALSE	java_max_sessionspace_size	0	remote_login_passwordfile	EX
cluster_database	TRUE	java_pool_size	0	remote_os_authent	
cluster_database_instances	2	java_restrict	none	remote_os_roles	
commit_point_strength	1	java_soft_sessionspace_limit	0	replication_dependency_tracking	
common_user_prefix	C	job_queue_processes	96	resource_limit	
compatible	12.1.0.2.0	large_pool_size	0	resource_manager_cpu_allocation	
connection_brokers	((TYPE=DEDICATED) (BROKERS	ldap_directory_access	NONE	resource_manager_plan	SCHEDULER[0x4445]:
control_file_record_keep_time	7	ldap_directory_sysauth	no	result_cache_max_result	
control_files	+DATA1/DHLS/CONTROLFILE/	license_max_sessions	0	result_cache_max_size	12
control_management_pack_access	DIAGNOSTIC+TUNING	license_max_users	0	result_cache_mode	
core_dump_dest	/u01/app/oracle/diag/rdbm	license_sessions_warning	0	result_cache_remote_expiration	
cpu_count	512	lock_sga	FALSE	resumable_timeout	
create_bitmap_area_size	8388608	log_buffer	134217728	sec_case_sensitive_logon	
cursor_bind_capture_destination	memory+disk	log_checkpoint_interval	0	sec_max_failed_login_attempts	
cursor_sharing	EXACT	log_checkpoint_timeout	1800	sec_protocol_error_further_action	(
cursor_space_for_time	FALSE	log_checkpoints_to_alert	FALSE	sec_protocol_error_trace_action	
db_16k_cache_size	0	max_dump_file_size	unlimited	sec_return_server_release_banner	
db_2k_cache_size	0	max_enabled_roles	150	serial_reuse	
db_32k_cache_size	0	max_string_size	STANDARD	session_cached_cursors	
db_4k_cache_size	0	memory_max_target	0	session_max_open_files	
db_8k_cache_size	0	memory_target	0	sessions	
db_big_table_cache_percent_target	0	nls_comp	BINARY	sga_max_size	2576
db_block_buffers	0	nls_language	AMERICAN	sga_target	2576
db_block_checking	false	nls_length_semantics	BYTE	shadow_core_dump	
db_block_checksum	typical	nls_nchar_conv_excp	FALSE	shared_memory_address	
db_block_size	8192	nls_territory	AMERICA	shared_pool_reserved_size	12
db_cache_advice	ON	noncdb_compatible	FALSE	shared_pool_size	
db_cache_size	0	object_cache_max_size_percent	10	shared_servers	
db_file_multiblock_read_count	128	object_cache_optimal_size	102400	skip_unusable_indexes	
db_files	200	olap_page_pool_size	0	sort_area_retained_size	
db_flash_cache_size	0	open_cursors	1000	sort_area_size	
db_flashback_retention_target	1440	open_links	4	spatial_vector_acceleration	
db_index_compression_inheritance	NONE	open_links_per_instance	4	spfile	+DATA1/spfile.dh
db_keep_cache_size	0	optimizer_adaptive_features	TRUE	sql92_security	
db_lost_write_protect	typical	optimizer_adaptive_reporting_only	FALSE	sql_trace	
db_name	dhls	optimizer_capture_sql_plan_baselines	FALSE	sqltune_category	
db_recovery_file_dest	+RECO1	optimizer_dynamic_sampling	2	standby_archive_dest	?/d
db_recovery_file_dest_size	5027921920000	optimizer_features_enable	12.1.0.2	standby_file_management	
db_recycle_cache_size	0	optimizer_index_caching	0	star_transformation_enabled	
db_securefile	PREFERRED	optimizer_index_cost_adj	100	statistics_level	
db_ultra_safe	OFF	optimizer_inmemory_aware	TRUE	streams_pool_size	
db_unique_name	dhls	optimizer_mode	ALL_ROWS	tape_asynch_io	
db_unrecoverable_scn_tracking	TRUE	optimizer_secure_view_merging	TRUE	temp_undo_enabled	

	MODULE	ACTION	SQL_ID	COMMAND_NAME	SCHEMA	EXEC_RANK	ELAP_RANK	logRsRank	physRsRank	EXECS	PHY_READ	GBLANS	AVG_DOP	ELAP_PER_EXEC	EXEC_SlogRs	GBperExec	PhysRsGBperExec
1	Swingbench		0w2qpuc6u2zsp	PL/SQL	SOE2	12	1	1	1	122,408,378	10622	1	0	0.0	0	0	0
2	New Order	getProductDetailsByCategory	9sma6kr27c	SELECT	SOE2	2	2	2	112	366,229,087	11	1	0	0.0	0	0	0
3	Swingbench		147a57cxq3w5y	PL/SQL	SOE2	9	3	5	7	153,039,062	2178	1	0	0.0	0	0	0
4	Swingbench		01jzc2mg6cg92	PL/SQL	SOE2	21	4	9	6	45,917,950	2268	1	0	0.0	0	0	0
5	New Order		3fw75k1snsddx	INSERT	SOE2	10	5	8	4	122,483,046	2398	1	0	0.0	0	0	0
6	New Order	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE2	7	6	15	2	255,571,877	3133	1	0	0.0	0	0	0
7	New Order		f7rxuxzt64k87	INSERT	SOE2	5	7	3	10	319,642,241	1813	1	0	0.0	0	0	0
8	Swingbench		cmndgkbcz5s9	PL/SQL	SOE2	23	8	16	3	30,627,688	2444	1	0	0.0	0	0	0
9	New Order	getCardDetailsByCustomer	7ds837zyp1zv	SELECT	SOE2	13	9	21	5	122,407,443	2321	1	0	0.0	0	0	0
10	Update Cus		9t3n2wpr7my63	INSERT	SOE2	17	10	13	12	76,223,419	1454	1	0	0.0	0	0	0
11	New Order	getAddressDetails	g81cbrq5yamf5	SELECT	SOE2	15	11	22	8	105,007,983	1978	1	0	0.0	0	0	0
12	Datagenera		99p0z8u909916	INSERT	SOE2	8	12	17	277	171,396,576	0	1	0	0.0	0	0	0
13	Update Cus		gh2g2tynpcpv1	INSERT	SOE2	20	13	12	15	45,932,009	1122	1	0	0.0	0	0	0
14	Swingbench		apgb2g9q2zjh1	PL/SQL	SOE2	26	14	29	16	15,319,913	1061	1	0	0.0	0	0	0
15	SQL*Plus		7c4u69kgmuvhf	SELECT	D7	106	15	52	19	2	642	1	1,000	91585.0	237	321	321
16	Swingbench		a9gvfh5hx9u98	PL/SQL	SOE2	28	16	23	22	15,303,453	475	1	0	0.0	0	0	0
17	Browse Pro	getProductDetails	Oy1prvqc2ra9	SELECT	SOE2	1	17	7	177	458,711,886	0	1	0	0.0	0	0	0
18	SQL*Plus		3qmc7472q5h91	SELECT	D7	100	18	37	13	8	1364	1	307	15645.0	171	170	170
19	Update Cus	findCustomer	8zz6y2yzdqjp0	SELECT	SOE2	24	19	26	11	30,608,968	1766	1	0	0.0	0	0	0
20	New Order	getProductQuantity	8z3542ffmp562	SELECT	SOE2	3	20	10	143	351,873,995	2	1	0	0.0	0	0	0
21	Browse and	getCustomerDetails	5ckxyqfvu60pj	SELECT	SOE2	16	21	30	17	79,907,516	956	1	0	0.0	0	0	0
22	New Order		7r7636982atn9	UPDATE	SOE2	14	22	14	217	116,785,869	0	1	0	0.0	0	0	0
23	Browse Pro	logon	gzhkw1qu6fwxm	INSERT	SOE2	4	23	19	74	336,446,607	67	1	0	0.0	0	0	0
24	Process Or		7hk2m2702ua0g	SELECT	SOE2	29	24	31	25	15,301,585	459	1	0	0.0	0	0	0
25	Update Cus		budtrjayjnvw3	INSERT	SOE2	19	25	27	30	45,933,069	355	1	0	0.0	0	0	0
26	Browse and	getAddressDetails	g81cbrq5yamf5	SELECT	SOE2	22	26	36	20	32,692,171	614	1	0	0.0	0	0	0
27	Swingbench		0w2qpuc6u2zsp	PL/SQL	SOE10G	48	27	4	148	54,073	2	1	0	1.2	0.8	0	0
28	New Order	getCardDetailsByCustomer	7ds837zyp1zv	SELECT	SOE10G	47	28	6	153	54,362	1	1	0	1.1	0.7	0	0
29	New Order		5mddt5kt45rg3	UPDATE	SOE2	11	29	11	93	122,459,449	35	1	0	0.0	0	0	0
30	SQL*Plus		9y4qfh7843780	SELECT	D7	106	30	57	29	2	413	1	1,000	25017.0	208	206	206
31	Datagenera		g6b4qn6mds3sb	CREATEINDEX	SOE2	108	31	49	31	0	351	1	Inf	Inf	Inf	Inf	Inf
32	Browse and	getOrdersByCustomer	7i0959msvvt5g	SELECT	SOE2	27	32	48	37	15,319,393	289	1	0	0.0	0	0	0
33	DBMS_SCHED	ORA\$AT_OS_OPT_SY_98b7rnnv5z562		SELECT	SOE2	106	33	20	36	2	306	1	106	21156.5	2,839	153	153
34	Datagenera		ctzijcy5f64td	CREATEINDEX	SOE2	108	34	58	46	0	141	1	Inf	Inf	Inf	Inf	Inf
35	Datagenera		d1w3yvqzyt3qn	INSERT	SOE2	33	35	39	218	7,498,498	0	1	0	0.0	0	0	0
36	Browse and	getOrderItemsById	1qf3b7a46jm3u	SELECT	SOE2	36	36	64	47	6,598,413	132	1	0	0.0	0	0	0
37	Update Cus		gh2g2tynpcpv1	INSERT	SOE10G	108	37	219	356	0	0	1	NaN	Inf	Inf	NaN	NaN
38			01jzc2mg6cg92	PL/SQL	SOE10G	52	38	156	348	7,432	0	1	0	4.4	0	0	0
39	Datagenera		1n7b9udgaz4bv	INSERT	SOE2	39	39	40	210	4,999,471	0	1	0	0.0	0	0	0
40	DBMS_SCHED	ORA\$AT_OS_OPT_SY_98b72679g6q5g		SELECT	SOE2	106	40	24	40	2	267	1	100	15837.0	2,203	134	134
41	Datagenera		2j53ufc8guu9f	CREATEINDEX	SOE2	108	41	105	55	0	105	1	Inf	Inf	Inf	Inf	Inf
42	SQL*Plus		6b5c6s0q5392n	SELECT	D7	106	42	56	28	2	415	1	1,000	14737.0	209	208	208
43	SQL*Plus		brd3nyszkb4v3	SELECT	D7	104	43	38	14	4	1279	2	426	7339.8	325	320	320
44	Datagenera		gj7jus6h0800w	INSERT	SOE2	35	44	35	135	7,147,509	5	1	0	0.0	0	0	0
45	DBMS_SCHED	ORA\$AT_OS_OPT_SY_98b727yvvbr9w6v		SELECT	SOE2	106	45	43	21	2	521	1	128	13660.0	562	260	260
46	DBMS_SCHED	ORA\$AT_OS_OPT_SY_98b5yndhs8g0cc		SELECT	D7	101	46	75	42	7	209	1	128	3695.7	30	30	30
47	DBMS_SCHED	ORA\$AT_OS_OPT_SY_98b7psm1bckkyuf		SELECT	SOE2	106	47	25	41	2	261	1	100	12858.5	2,163	130	130
48	SQL*Plus		5qyfknnm2d896	SELECT	D7	106	48	54	26	2	458	1	1,000	12748.5	235	229	229
49	SQL*Plus		akavj8hc6sdm7	SELECT	D7	106	49	109	65	2	79	2	469	11558.5	43	40	40
50	Browse and		1b3utat6tthfy	UPDATE	SOE2	37	50	68	66	6,595,062	79	1	0	0.0	0	0	0
51	Process Or		f9u2k84v884y7	UPDATE	SOE2	30	51	34	106	15,036,791	15	1	0	0.0	0	0	0
52	SQL*Plus		b6jzrwgggtz1u	SELECT	D7	106	52	55	27	2	420	1	408	10108.0	210	210	210
53	Update Cus		buffkg6cm7uay	UPDATE	SOE2	25	53	45	237	28,147,417	0	1	0	0.0	0	0	0
54	SQL*Plus		8n4bg1x3a33bf	SELECT	D7	107	54	60	33	1	343	1	1,000	19587.0	351	343	343
55	SQL*Plus		43uc36337gq5t	SELECT	D7	107	55	59	32	1	343	2	1,000	19309.0	351	343	343
56	SQL*Plus		cnwarupsx3z3k	SELECT	D7	107	56	63	35	1	312	1	1,000	18980.0	315	312	312
57	Datagenera		09mdpj3k9gmqr	INSERT	SOE2	34	57	44	302	7,497,636	0	1	0	0.0	0	0	0
58	Datagenera		fyrqh7j4dbfsf	CREATEINDEX	SOE2	108	58	86	57	0	103	1	Inf	Inf	Inf	Inf	Inf
59	SQL*Plus		795xcbqdmqayd	SELECT	D7	107	59	62	34	1	339	1	1,000	16206.0	349	339	339
60	SQL*Plus		cp7daugwu0s3q	SELECT	D1	89	60	33	9	25	1876	3	115	625.0	83	75	75
61	Datagenera		58daqicugjq2u	INSERT	SOE2	31	61	47	310	11,909,042	0	1	0	0.0	0	0	0
62	Datagenera		7tywcypp6tc03q	CREATEINDEX	SOE2	108	62	79	53	0	111	1	Inf	Inf	Inf	Inf	Inf
63	DBMS_SCHED	ST\$SD198_4_B2	7y2c0mppwcnzg	SELECT	SOE2	107	63	42	78	1	63	1	111	14751.0	1,126	63	63
64	Datagenera		2mhcgxp04av18	CREATEINDEX	SOE2	108	64	82	52	0	112	1	Inf	Inf	Inf	Inf	Inf
65	Swingbench		01jzc2mg6cg92	PL/SQL	SOE10G	49	65	135	318	12,772	0	1	0	1.1	0	0	0
66	DBMS_SCHED	ORA\$AT_OS_OPT_SY_98b5hd3p1dfmpgh		SELECT	SOE2	106	66	41	62	2	84	1	128	7044.5	596	42	42
67	SQL*Plus		5p5tkacy62kq9	SELECT	D7	106	67	53	24	2	462	2	1,238	6679.0	236	231	231
68	Datagenera		dr85026jdka61	CREATEINDEX	SOE2	108	68	67	60	0	88	1	Inf	Inf	Inf	Inf	Inf
69	Datagenera		9fpwkrqcqcx6x	CREATEINDEX	SOE2	108	69	91	59	0	92	1	Inf	Inf	Inf	Inf	Inf
70	Browse and		3hatpjzrqvfn7	UPDATE	SOE2	38	70	70	87	6,398,102	48	1	0	0.0	0	0	0
71	SQL*Plus		g7a34ts0g48vv	SELECT	D1	90	71	46	18	20	691	2	183	602.4	40	34	34
72	Datagenera		dq9ambp320z56	CREATEINDEX	SOE2	108	72	72	63	0	83	1	Inf	Inf	Inf	Inf	Inf
73	Browse Pro	logon	c749bc43qqfz3	SELECT	SOE2	6	73	495	356	317,955,011	0	1	0	0.0	0	0	0
74	Browse and	getOrdersByCustomer	7i0959msvvt5g	SELECT	SOE10G	54	74	18	146	6,367	2	1	0	1.7	1.1	0	0
75	DBMS_SCHED	ST\$SD232_7	5w27yvvbr9w6v	SELECT	SOE2	107	75	65	39	1	268	1	37	9780.0	291	268	268