

Precise for Sybase tables

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PW_PWII_INSTANCE_ID

Defines the instances in the Precise installation.

Column Name	Column Description
PWII_ID	ID of the instance. Columns of XXXX_PWII_INSTANCE_ID have values from the column.
PWII_INSTANCE_NAME	Name of the instance.
PWII_TECHNOLOGY	Two characters defining the technology of the instance (such as OR for Oracle and JE for J2EE).
PWII_SERVER	Name of the server on which the instance is installed.

PW_SYMP_MONITORS_PREV

Stores the last and current collected Sysmonitor counter values. Serves the Statistics process for the calculation of the delta values of the counters.

Column Name	Column Description
SYMP_PWII_INSTANCE_ID	ID of the counter instance.
SYMP_GROUP_NAME	Group that includes the counter.
SYMP_FIELD_NAME	Counter name in the sysmonitor table.
SYMP_FIELD_ID	Counter ID in the sysmonitor table.
SYMP_VALUE	Counter value in the sysmonitor table.
SYMP_TYPE	Marks if this is the last or current counter's value.

PW_SYOU_OBJECTS_SPACE_USAGE_D

Holds statistics on the objects space. By default, this process runs every 24 hours.



- The `_D` table summarizes the data per day.
- The `_W` table summarizes the data per week.
- The `_M` table summarizes the data per month.

Column Name	Column Description
SYOU_PWII_INSTANCE_ID	ID of the Sybase instance.
SYOU_DATABASE_ID	Name of the database, normalized in table PW_SYDN_DATABASE_NAMES_N.
SYOU_PRODUCTION_DATABASE_ID	ID of the database in Sybase.
SYOU_OBJECT_ID	ID of the table.
SYOU_FULL_OBJECT_ID	The full object ID, normalized in table PW_SYKN_LOCKED_OBJECT_NAMES_N.
SYOU_INDEX_ID	ID of the index.
SYOU_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are in GMT. On all other summary levels, the time part is zeroed.
SYOU_PWHG_ID	Hour group ID.
SYOU_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYOU_O_ALL_ALLOC_MAX	Size in Megabytes allocated to the object.
SYOU_O_ALL_USED_MAX	Size in Megabytes used by the object.
SYOU_O_TEXT_ALLOC_MAX	Size in Megabytes allocated to text pages of the object.
SYOU_O_TEXT_USED_MAX	Size in Megabytes used for text pages of the object.
SYOU_O_DATA_USED_MAX	Size of data pages in Megabytes used by the objects.
SYOU_O_INDEX_ALLOC_MAX	Size in Megabytes allocated to the indexes of the object.
SYOU_O_INDEX_USER_MAX	Size in Megabytes used by the indexes of the object.
SYOU_ROW_COUNT_MAX	Number of rows the table has.
SYOU_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYDU_DEVICES_SPACE_USAGE_D

Holds statistics on the space of devices. By default, this process runs every 24 hours.



- The `_D` table summarizes the data per day.
- The `_W` table summarizes the data per week.
- The `_M` table summarizes the data per month.

Column Name	Column Description
SYDU_PWII_INSTANCE_ID	ID of the Sybase instance.
SYDU_DEVICE_ID	ID of the device, normalized in table PW_SYEN_DEVICE_NAMES_N.
SYDU_TIMESTAMP	Date the statistic was sampled. The time part is zeroed because the data is collected once a day.
SYDU_PWHG_ID	Hour group ID.
SYDU_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYDU_DEVICE_SIZE_MAX	Maximum device size in Megabytes.
SYDU_SPACE_USED_MAX	Maximum space used in Megabytes.

SYDU_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
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PW_SYSU_SEGMENTS_SPACE_USAGE_D

Holds statistics on the space of segments. By default, this process runs every 24 hours.



- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYSU_PWII_INSTANCE_ID	ID of the Sybase instance.
SYSU_DATABASE_ID	ID of the database, normalized in table PW_SYDN_DATABASE_NAMES_N.
SYSU_SEGMENT_ID	ID of the segment, normalized in table PW_SYSN_SEGMENT_NAMES_N.
SYSU_PRODUCTION_DATABASE_ID	ID of the database in Sybase.
SYSU_PRODUCTION_SEGMENT_ID	ID of the segment in Sybase.
SYSU_DEVICE_ID	ID of the device, normalized in table PW_SYEN_DEVICE_NAMES_N.
SYSU_SEGMENT_TYPE	Segment type: <ul style="list-style-type: none"> • 3 = Data only (system and default segments) • 4 = Log only • 7 = Data and log
SYSU_TIMESTAMP	Date the statistic was sampled. The time part is zeroed because the data is collected once a day.
SYSU_PWHG_ID	Hour group ID.
SYSU_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYSU_SEGMENT_SIZE_MAX	Maximum segment size in Megabytes.
SYSU_SPACE_FREE_MAX	Maximum free space size in Megabytes.
SYSU_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYSC_STMT_CATALOG

Holds information on statements in the SQL workspace.

Column Name	Column Description
SYSC_PWII_INSTANCE_ID	ID of the Sybase instance.
SYSC_CABINET	Name of the cabinet in which the statement is stored.
SYSC_FOLDER	Name of the folder within the cabinet.
SYSC_STATEMENT_ID	Unique identifier (string) assigned to the statement.
SYSC_WORKSHOP_ID	Unique identifier (number) assigned to statements inserted in the statement workshop workspace. Statements loaded into the PMDB have the value 0.

PW_SYEO_EXPLN_OPER

Holds information on batch access plans.

Column Name	Column Description
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SYEO_PWII_INSTANCE_ID	ID of the Sybase instance.
SYEO_DATABASE_NAME	Name of the database to which the statement belongs.
SYEO_PARSING_USER	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch.
SYEO_BATCH_HV	Unique identifier (number) assigned to the batch.
SYEO_WORKSHOP_HV	Unique identifier (number) assigned to statements inserted in the SQL workspace. Statements loaded into the PMDB have the value 0.
SYEO_EXPLAIN_TIME	Date and time the batch was explained and its access plan was changed.
SYEO_STATEMENT_ID_IN_BATCH	A statement number in the first batch sampled running the statement.
SYEO_OPERATOR_ID	Sequence order of this operation in the access plan for a statement.
SYEO_OPERATOR_TYPE	Physical operation in the access plan.
SYEO_EXECUTION_ORDER	Sequence order of this operation in the whole access plan.
SYEO_TREE_LEVEL	Tree level of this operation in the access plan.
SYEO_OBJ_DATABASE_NAME	Database name of the object accessed in this operation.
SYEO_OBJ_OWNER_NAME	Owner of the object accessed in this operation.
SYEO_OBJ_NAME	Name of the object accessed in this operation.
SYEO_OBJ_NAME_ALIAS	Alias name of the object accessed in this operation.
SYEO_INDEX_NAME	Name of the index accessed in this operation. Otherwise NULL.
SYEO_ADDITIONAL_INFORMATION	Additional Information provided for this Explain step.
SYEO_LOGICAL_READS	The optimizer is estimating how many pages will not be available in cache and will need to be read from disk.
SYEO_PHYSICAL_READS	Number of logical reads performed on the specified table. The optimizer is estimating how many pages are likely to be in cache.
SYEO_ROWS	Number of rows from the current table that is estimated to satisfy the join.
SYEO_SCAN_COUNT	Number of times we scan the table.
SYEO_LOGICAL_READS_SUB	Number of logical reads of sub-query.
SYEO_PHYSICAL_READS_SUB	Number of physical reads of sub-query.
SYEO_PARALLEL_IND	Indicates if the operation is performed in parallel.
SYEO_LAST_EXPLAIN_IND	Indicates that this operation belongs to the last explain of the batch.
SYEO_OPERATOR_COST	Estimated cost for the operator in the execution plan
SYEO_AVG_WIDTH	Estimated average width of row returned by the operator
SYEO_CPU	Estimated CPU cost for the operator in the execution plan
SYEO_CPU_SUB	Estimated CPU cost for the sub tree starting from the operator
SYEO_PAGES	Estimated number of pages accessed by the operator
SYEO_PREFETCH	Indication if prefetch performed by the operator
SYEO_IOSIZE	Estimated I/O size for the operator
SYEO_BUFREPLACE	Buffer replacement strategy used in the operator

PW_SYEA_EXPLN_ACCESS_PATH

Holds the history of access plans.

Column Name	Column Description
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SYEA_PWII_INSTANCE_ID	ID of the Sybase instance.
SYEA_DATABASE_NAME	Name of the database to which the statement belongs.
SYEA_PARSING_USER	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch.
SYEA_BATCH_HV	Unique identifier (number) assigned to the batch.
SYEA_WORKSHOP_HV	Unique identifier (number) assigned to statements inserted in the SQL workspace. Statements loaded into the PMDB have the value 0 .
SYEA_EXPLAIN_TIME	Date and time the batch was explained and its access plan was changed.
SYEA_STATEMENT_ID_IN_BATCH	A statement number in the first batch sampled running the statement.
SYEA_ACCESS_PATH_HV	Unique identifier (number) assigned to the access.
SYEA_ESTIMATE_COST	Estimated cost of this operation.

PW_SYEH_EXPLN_HIST

Holds information on batch execution plans. Each batch can have up to three different execution plans.

Column Name	Column Description
SYEH_PWII_INSTANCE_ID	ID of the Sybase instance.
SYEH_DATABASE_NAME	Database to which the statement belongs.
SYEH_PARSING_USER	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch.
SYEH_BATCH_HV	Unique identifier (number) assigned to the batch.
SYEH_WORKSHOP_HV	Unique identifier (Number) assigned to statements inserted in the SQL workspace. Statements loaded into the PW have the value 0 .
SYEH_EXPLAIN_TIME	Date and time the batch was explained and its access plan was changed.
SYEH_PHYSICAL_READS	The optimizer is estimating how many pages are not available in cache and must be read from disk.
SYEH_LOGICAL_READS	Number of logical reads performed on the specified table. The optimizer is estimating how many pages are likely to be in the cache.
SYEH_SCAN_COUNT	Number of times we scan the table.
SYEH_LAST_EXPLAIN_IND	Indicates that this access plan is the last access plan of the batch.
SYEH_PHYSICAL_READS	Estimated number of physical reads for the execution plan.
SYEH_LOGICAL_READS	Estimated number of logical reads for the execution plan.
SYEH_SCAN_COUNT	Estimated number of scans for the execution plan.
SYEH_CPU	Estimated CPU cost for the execution plan.
SYEH_COST	Estimated cost for the execution plan.

PW_SYSM_STATEMENTS

Holds statements collected by the Precise for Sybase Collector agent and statements inserted through the statement workshop (SQL workspace). The table holds one row per statement and connects it to the first batch in which the statement was sampled. You can join the statement with other batches run, but only for statistics tables. (PW_SYST_STATEMENTS_STATS or PW_SYSE_SESS_STMT_STATS).

Column Name	Column Description
SYSM_PWII_INSTANCE_ID	ID of the Sybase instance.

SYSM_STATEMENT_HV	Unique identifier (number) assigned to the statement.
SYSM_STATEMENT_ID	Unique identifier (string) assigned to the statement.
SYSM_COLLAPSED_STATEMENT_HV	Unique identifier (number) assigned to the statement in its collapsed form.
SYSM_COLLAPSED_STATEMENT_ID	Unique identifier (string) assigned to the statement in its collapsed form.
SYSM_INSERT_TIME	Date and time the statement was saved in the database.
SYSM_PARSIN_USER	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch.
SYSM_PARSING_USER_ID	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch, normalized in table PW_SYUN_USE_NAMES_N.
SYSM_WORKSHOP_HV	Unique identifier (number) assigned to statements inserted in the SQL workspace.
SYSM_SOURCE	Indicates how the statement was loaded. Possible values: <ul style="list-style-type: none"> • PMDB. Sampled and loaded by the Collector • Manually. Entered through the statement workshop (SQL workspace). • Saved automatically. Explained from the Current workspace or Activity workspace.
SYSM_LAST_EXPLAINED	Last time the statement was explained.
SYSM_TOTAL_INSYBASE_TIME	<i>Not in use.</i>
SYSM_DO_NOT_EXPLAIN	Indicates an error during the explain of the statement (if Y , do not try to re-explain).
SYSM_EXPLAIN_ERROR_MSG	Error that occurred during the last explain process.
SYSM_LAST_ACC_PATH_CHANGED	Last time the access plan of the statement changed.
SYSM_ACCESS_PATH_HV	Unique identifier (number) assigned to the access plan of the statement.
SYSM_TOTAL_ESTIMATE_D_COST	Estimated cost of the statement's execution. A high cost value may indicate a problem in the current implementation of the statement. To determine which operation may have caused the problem, you can use the Estimated Cost Breakdown graph to drill-down easily and see the most resource-consuming operation. To determine whether the operation is an I/O consuming operation or a CPU consuming operation (or both), check the Estimated I/O cost and Estimated CPU cost values.
SYSM_DATABASE_NAME	Name of the database to which the statement belongs.
SYSM_DATABASE_ID	ID of the database, in which the statement belongs, normalized in table PW_SYDN_DATABASE_NAMES_N.
SYSM_BATCH_HV	Unique identifier (number) assigned to the batch. Only the first batch appears.
SYSM_COLLAPSED_BATCH_HV	Unique identifier (number) assigned to the batch. Only the first batch appears.
SYSM_STATEMENT_OFFSET	The offset of the statement in the first batch sampled, running the statement by the Collector agent.
SYSM_STATEMENT_LENGTH	Length of the statement in the first batch sampled running the statement.
SYSM_STATEMENT_ID_IN_BATCH	Statement number in the first batch sampled running the statement.
SYSM_START_EXEC_ORDER_IN_BATCH	Execution order the statement started with in the access plan of the batch.

SYSM_STATEMENT_TYPE	<p>ID representing the type of the statement:</p> <p>Type code = Type name</p> <ul style="list-style-type: none"> • 0 = alter • 1 = begin • 2 = beginTran • 3 = break • 4 = call • 5 = checkpoint • 6 = close • 7 = commit • 8 = continue • 9 = create • 10 = dbcc • 11 = deallocate • 12 = declare • 13 = delete • 14 = deny • 15 = disk • 16 = drop • 17 = dump • 18 = else • 19 = end • 20 = exec • 21 = execute • 22 = fetch • 23 = go • 24 = goto • 25 = grant • 26 = if • 27 = insert • 28 = kill • 29 = load • 30 = lock • 31 = online • 32 = open • 33 = print • 34 = quiesce • 35 = raiserror • 36 = readtext • 37 = reconfigure • 38 = remove • 39 = reorg • 40 = restore • 41 = return • 42 = reverse • 43 = rollback • 44 = save • 45 = select • 46 = set • 47 = setuser • 48 = shutdown • 49 = truncate • 50 = update • 51 = updatetext • 52 = use • 53 = waitfor • 54 = while • 55 = writetext
SYSM_EXPLAIN_USAGE_MAP	Internal bit representative of the types of operators in the execution plan.

PW_SYBA_BATCHES

Holds information on batches.

Column Name	Column Description
SYBA_PWII_INSTANCE_ID	ID of the Sybase instance
SYBA_BATCH_HV	Unique identifier (number) assigned to the batch.

SYBA_COLLAPSED_BATCH_HV	Unique identifier (number) assigned to the batch in its collapsed form.
SYBA_PARSING_USER	One of the Sybase users who executed this batch. If this batch is a stored procedure, this is the user used as the parsing user when explaining this batch.
SYBA_PARSING_USER_ID	One of the Sybase users who executed this batch. If this batch is a stored procedure, this is the user used as the parsing user when explaining this batch, normalized in table <code>PW_SYUN_USER_NAMES_N</code> .
SYBA_DATABASE_NAME	Name of the database to which the batch belongs.
SYBA_DATABASE_ID	The ID of the database, to which the batch belongs, normalized in table <code>PW_SYDN_DATABASE_NAMES_N</code> .
SYBA_BATCH_ID	Unique identifier (string) assigned to the batch.
SYBA_COLLAPSED_BATCH_ID	Unique identifier (string) assigned to the batch in its collapsed form.
SYBA_LAST_EXPLAINED	Last time the statement was explained.
SYBA_DO_NOT_EXPLAIN	Indicates an error during the explain of the statement (if Y , do not try to re-explain).
SYBA_EXPLAIN_ERROR_MSG	Error that occurred during the last explain process.
SYBA_LAST_ACCESS_PATH_CHANGED	Last time the access plan of the batch changed.
SYBA_ACCESS_PATH_HV	Unique identifier (number) assigned to the access plan.
SYBA_TOTAL_ESTIMATED_COST	Estimated cost of the statement's execution. A high cost value may indicate a problem in the current implementation of the statement. To determine which operation may have caused the problem, you can use the Estimated Cost Breakdown graph to drill-down easily and see the most resource-consuming operation. To determine whether the operation is an I/O consuming operation or a CPU consuming operation (or both), check the Estimated I/O cost and Estimated CPU cost values.
SYBA_PROC_DB_ID	ID of the database that holds the stored procedure.
SYBA_PROC_OBJECT_ID	ID of the stored procedure.
SYBA_EXPLAIN_USAGE_MAP	Internal bit representative of the types of the operators in the execution plan.
SYBA_MIGRATED	Only in the data migration process to update several columns and distinguish between new batches and previous batches.
SYBA_CONSISTENT_HV	Used for correlation between all the other products and Precise for Sybase

PW_SYIN_INSTANCES

Holds information about the Sybase instances monitored by Precise.

Column Name	Column Description
SYIN_PWII_INSTANCE_ID	ID of the Sybase instance.
SYIN_CLUSTER_ID	Used to share text of statements and batches between instances.
SYIN_SYSTEM_NAME	Server on which the Collector agent is installed.
SYIN_INSTANCE_NAME	Name of the monitored Sybase instance.
SYIN_LAST_PW_EXPLAIN_DATE	Last date the explain process run.
SYIN_LAST_PERF_LOAD_DATE	Last date the instance performance was loaded.
SYIN_LAST_STMT_LOAD_DATE	Last date the statement text was loaded.

SYIN_DB_FILES_LAST_SAMPLE	<i>For future use.</i>
SYIN_LAST_AVAIL_LOADED	<i>For future use.</i>
SYIN_LAST_AVAIL_LOADED_DB	<i>For future use.</i>
SYIN_UNAVAIL_DB_STATUS	<i>For future use.</i>
SYIN_POINTS_INSTALLED	<i>For future use.</i>
SYIN_INSTANCE_TYPE	User defined instance group name. Can be updated by using stored procedure udp_sy_update_instance_type .
SYIN_LAST_STATS_STATUS	The status of the Collect Instance Statistics process for each instance.
SYIN_JOB_SAMPLE_STATUS	<i>For future use.</i>
SYIN_SCHEDULE_SAMPLE_STATUS	<i>For future use.</i>
SYIN_STEP_SAMPLE_STATUS	<i>For future use.</i>
SYIN_LAST_STATS_LOAD	Last time the Collect Instance Statistics process was run for each instance.
SYIN_INSTANCE_VERSION	String representation of the instance's ASE version.
SYIN_IS_PUBLISHER	Indicates whether the instance is a replication publisher.
SYIN_IS_SUBSCRIBER	Indicates whether the instance is a replication subscriber.

PW_SYPC_PERFORMANCE_COUNTERS

Lists all the counters and information relevant to them. Correlates counters in the Precise environment to counter/counters in Sybase.

Column Name	Column Description
SYPC_OBJECT_NAME	Name of the Sybase group that includes the counter.
SYPC_COUNTER_NAME	Counter name in Sybase (monitor table).
SYPC_TABLE_NAME	Name of the table in Precise that stores the overtime counter values.
SYPC_COLUMN_NAME	Name of the column in the Precise table that stores the overtime counter values.
SYPC_FROM_VERSION	The Sybase version that starts collecting the current counter.
SYPC_TILL_VERSION	The Sybase version that versions later than it stops collecting the current counter.
SYPC_UI_COUNTER_NAME	Counter name as it appears in the GUI.
SYPC_UI_FORMAT	Counter value's format (number, byte, and so on).
SYPC_UI_PERFORMANCE_GROUP	Precise group that includes the counter (as it appears in the GUI).
SYPC_HAS_INSTANCE	Marks if the counter is part of a specific instance (such as engine, data cache, and so on).
SYPC_EXPLANATION	Counter's explanation.
SYPC_XACT_PRESENTATION	Marks if to include a transactions graph in the GUI next to the counter graph.

PW_SYBX_BATCH_TEXT

Holds the text of batches.

Column Name	Column Description
SYBX_BATCH_HV	Unique identifier (number) assigned to the batch.
SYBX_BATCH_TEXT	The text of the batch.

PW_SYST_STATEMENTS_STATS_T

Stores statistics on statement and batch performance per timeslice.



- The `_T` table summarizes the data per timeslice.
- The `_D` table summarizes the data per day.
- The `_W` table summarizes the data per week.
- The `_M` table summarizes the data per month.

Column Name	Column Description
SYST_PWII_INSTANCE_ID	ID of the Sybase instance.
SYST_TIMESTAMP	Date and time the statistic was sampled. On an hourly summary level, the date and time are GMT. On all other summary levels, the time is zeroed and SYST_PWHG_ID should be used.
SYST_PWHG_ID	Hour group ID.
SYST_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYST_DATABASE_ID	Database to which the statement belongs, normalized in table PW_SYDN_DATABASE_NAMES_N.
SYST_USER_ID	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch, normalized in table PW_SYUDN_USER_NAMES_N.
SYST_BATCH_HV	Unique identifier (number) assigned to the batch.
SYST_STATEMENT_HV	Unique identifier (number) assigned to the statement.
SYST_COLLAPSED_BATCH_HV	Unique identifier (number) assigned to the batch after replacing the literals with a parameters marker (collapsed form).
SYST_COLLAPSED_STATEMENT_HV	Unique identifier (number) assigned to the statement in its collapsed form.
SYST_TOTAL_INSYBASE_TIME_SUM	Indicates the total amount of time Sybase was actively executing queries. It is also the sum of the columns.
SYST_NUM_ENDED_EXECUTIONS_SUM	Number of statement executions which ended during the row's timeframe.
SYST_NUM_EXECUTIONS_NOT_ENDED	Number of statement executions which were still running at the end of the row's timeframe
SYST_TOTAL_DURATION_SUM	Total amount of time Sybase spent executing this statement.
SYST_REQUEST_WAIT_SUM	<i>Not in use in this table.</i>
SYST_CPU_SUM	Amount of time the process was actively executing a statement.
SYST_LOCK_WAIT_SUM	Amount of time the process was waiting for locks held by other processes to be released. All types of locks are counted.
SYST_IO_WAIT_SUM	Amount of time the process was waiting for I/O operations to terminate.
SYST_REMOTE_WAIT_SUM	Amount of time the process was waiting for a remote query to terminate.
SYST_LOG_WAIT_SUM	Amount of time the process was waiting for an operation on the log file to terminate. This state is generally encountered during a COMMIT or ROLLBACK operation.
SYST_SYNC_SUM	Amount of time the process was waiting to synchronize with another process.
SYST_LOG_SUSPEND_SUM	The amount of time the process was waiting for an operation of the log file to terminate. This state is generally encountered during a transaction log full.
SYST_NET_IO_SUM	Amount of time the process was waiting for the client process to acknowledge data sent to it.
SYST_BUFFER_WAIT_SUM	Amount of time the process was waiting to access a user log cache.
SYST_INTERNAL_LOCK_SUM	Amount of time the process was waiting for an internal lock to be released.

SYST_WAITFOR_COMMAND_SUM	Amount of time the process was executing the WAITFOR DELAY command.
SYST_OTHER_WAIT_SUM	Amount of time the process was waiting for unknown reasons.
SYST_STAT_SPU_SUM	Statistics summing the amount of the process's read memory usage.
SYST_STAT_PHYSICAL_I_O_SUM	Number of physical disk reads and writes for the process.
SYST_STAT_MEM_USAGE_MAX	Number of pages in the procedure cache allocated to the process.
SYST_STAT_OPEN_TRANS_MAX	Number of transactions the process opened.
SYST_PARALLEL_DEGREE_MIN	<i>For future use.</i>
SYST_PARALLEL_DEGREE_MAX	<i>For future use.</i>
SYST_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYST_SLA_RED_SUM	<i>For future use.</i>
SYST_SLA_YELLOW_SUM	<i>For future use.</i>
SYST_SLA_GREEN_SUM	<i>For future use.</i>
SYST_ROWID	Unique row number.

PW_SYSS_SESSIONS_STATS_T

Stores application performance statistics per timeslice for every combination of instance, database, program, user, login, machine, and work type.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYSS_PWII_INSTANCE_ID	ID of the Sybase instance.
SYSS_TIMESTAMP	Date and time the statistic was sampled. On an hourly summary level, the date and time are GMT. On all other summary levels, the time is zeroed and SYST_PWHG_ID should be used.
SYSS_PWHG_ID	Hour group ID.
SYSS_MINUTES_COUNT_SUM	The timeframe needed to calculate the row (in minutes).
SYSS_PROGRAM_ID	ID of the application program, normalized in table PW_SYPN_PROGRAM_NAMES_N.
SYSS_DATABASE_ID	ID of the database to which the statement belongs, normalized in table PW_SYDN_DATABASE_NAMES_N.
SYSS_USER_ID	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch, normalized in table PW_SYUN_USER_NAMES_N.
SYSS_LOGIN_ID	The name used to log in to the database. In case of Windows Authentication mode, it contains the domain and the Windows user name, normalized in table PW_SYLN_LOGIN_NAMES_N.
SYSS_MACHINE_ID	The ID of the client workstation, normalized in table PW_SYMN_MACHINE_NAMES_N.
SYSS_WORK_TYPE	Type of session, such as batch, dialog, queue. Used only in ERP components.

SYSS_TOTAL_INSYBASE_TIME_SUM	Total amount of time Sybase was actively executing queries. It is also the sum of the columns.
SYSS_TOTAL_DURATION_SUM	Total amount of time Sybase spent executing this session.
SYSS_REQUEST_WAIT_SUM	Amount of time the process was waiting for the client to issue a statement.
SYSS_CPU_SUM	Amount of time the process was actively executing a statement.
SYSS_LOCK_WAIT_SUM	Amount of time the process was waiting for locks held by other processes to be released. All types of locks are counted.
SYSS_IO_WAIT_SUM	Amount of time the process was waiting for I/O operations to terminate.
SYSS_REMOTE_WAIT_SUM	Amount of time the process was waiting for remote query to terminate.
SYSS_LOG_WAIT_SUM	Amount of time the process was waiting on an operation on the log file to terminate. This state is generally encountered during a COMMIT or ROLLBACK operation.
SYSS_SYNC_SUM	Amount of time the process was waiting to synchronize with another process.
SYSS_LOG_SUSPEND_SUM	The amount of time the process was waiting for an operation of the log file to terminate. This state is generally encountered during a transaction log full.
SYSS_NET_IO_SUM	Amount of time the process was waiting for the client process to acknowledge data sent to it.
SYSS_BUFFER_WAIT_SUM	Amount of time the process was waiting to access a user log cache.
SYSS_INTERNAL_LOCK_SUM	Amount of time the process was waiting for an internal lock to be released.
SYSS_WAITFOR_COMMAND_SUM	Amount of time the process was executing the WAITFOR DELAY command.
SYSS_OTHER_WAIT_SUM	Amount of time the process was waiting for unknown reasons.
SYSS_NUM_OF_ENDED_SESSIONS_SUM	Number of sessions, which ended during the row's timeframe.
SYSS_NUM_OF_SESSIONS_NOT_ENDED	Number of sessions, which were still open at the end of the row's timeframe.
SYSS_NUM_OF_ENDED_EXECUTIONS_SUM	Number of statement executions, which ended during the row's timeframe.
SYSS_NUM_EXECUTIONS_NOT_ENDED	Number of statement executions, which were still running at the end of the row's timeframe.
SYSS_STAT_CPU_SUM	Statistics summing the amount of the process' read memory usage.
SYSS_STAT_PHYSICAL_IO_SUM	Number of physical disk reads and writes for the process.
SYSS_STAT_MEM_USAGE_MAX	Number of pages in the procedure cache allocated to the process.
SYSS_STAT_OPEN_TRANS_MAX	Number of transactions the process opened.
SYSS_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYSS_SLA_RED_SUM	<i>For future use.</i>
SYSS_SLA_YELLOW_SUM	<i>For future use.</i>
SYSS_SLA_GREEN_SUM	<i>For future use.</i>
SYSS_ROWID	Unique row number.

PW_SYSE_SESSIONS_STMT_STATS_T

Stores statistics about performance of statements inside applications per timeslice for every combination of instance, database, program, user, login, machine, and work type.



- The `_T` table summarizes the data per timeslice.
- The `_D` table summarizes the data per day.
- The `_W` table summarizes the data per week.
- The `_M` table summarizes the data per month.

Column Name	Column Description
<code>SYSE_PWII_INSTANCE_ID</code>	ID of the Sybase instance.
<code>SYSE_TIMESTAMP</code>	Date and time the statistic was sampled. On an hourly summary level, the date and time are GMT. On all other summary levels, the time is zeroed and <code>SYST_PWHG_ID</code> should be used.
<code>SYSE_PWHG_ID</code>	Hour group ID.
<code>SYSE_MINUTES_COUNT_SUM</code>	The timeframe needed to calculate the row (in minutes).
<code>SYSE_PROGRAM_ID</code>	ID of the application program, normalized in table <code>PW_SYPN_PROGRAM_NAMES_N</code> .
<code>SYSE_DATABASE_ID</code>	ID of the database to which the statement belongs, normalized in table <code>PW_SYDN_DATABASE_NAMES_N</code> .
<code>SYSE_USER_ID</code>	One of the Sybase users who executed this statement. If this statement is not part of a stored procedure, this is the user used as the parsing user when explaining this batch, normalized in table <code>PW_SYUN_USER_NAMES_N</code> .
<code>SYSE_LOGIN_ID</code>	The name used to log in to the database. In case of Windows Authentication mode, it contains the domain and the Windows user name, normalized in table <code>PW_SYLN_LOGIN_NAMES_N</code> .
<code>SYSE_MACHINE_ID</code>	The ID of the client workstation, normalized in table <code>PW_SYMN_MACHINE_NAMES_N</code> .
<code>SYSE_WORK_TYPE</code>	Type of session, such as batch, dialog, queue. Used only in ERP components.
<code>SYSE_BATCH_HV</code>	Unique identifier (number) assigned to the batch.
<code>SYSE_STATEMENT_HV</code>	Unique identifier (number) assigned to the statement.
<code>SYSE_COLLAPSED_BATCH_HV</code>	Unique identifier (number) assigned to the batch.
<code>SYSE_COLLAPSED_STATEMENT_HV</code>	Unique identifier (number) assigned to the batch in its collapsed form.
<code>SYSE_TOTAL_INSYBASE_TIME_SUM</code>	Total amount of time Sybase was actively executing queries. It is also the sum of the columns.
<code>SYSE_TOTAL_DURATION_SUM</code>	Total amount of time Sybase spent executing this statement.
<code>SYSE_REQUEST_WAIT_SUM</code>	Amount of time the process was waiting for the client to issue a statement.
<code>SYSE_CPU_SUM</code>	Amount of time the process was actively executing a statement.
<code>SYSE_LOCK_WAIT_SUM</code>	Amount of time the process was waiting for locks held by other processes to be released. All types of locks are counted.
<code>SYSE_IO_WAIT_SUM</code>	Amount of time the process was waiting for I/O operations to terminate.
<code>SYSE_REMOTE_WAIT_SUM</code>	Amount of time the process was waiting for a remote query to terminate.
<code>SYSE_LOG_WAIT_SUM</code>	Amount of time the process was waiting for an operation on the log file to terminate. This state is generally encountered during a COMMIT or ROLLBACK operation.
<code>SYSE_SYNC_SUM</code>	Amount of time the process was waiting to synchronize with another process.
<code>SYSE_LOG_SUSPEND_SUM</code>	The amount of time the process was waiting for an operation of the log file to terminate. This state is generally encountered during a transaction log full.
<code>SYSE_NET_IO_SUM</code>	Amount of time the process was waiting for the client process to acknowledge data sent to it.
<code>SYSE_BUFFER_WAIT_SUM</code>	Amount of time the process was waiting to access a user log cache.

SYSE_INTERNAL_LOCK_SUM	Amount of time the process was waiting for an internal lock to be released.
SYSE_WAITFOR_COMMAND_SUM	Amount of time the process was executing the WAITFOR DELAY command.
SYSE_OTHER_WAIT_SUM	Amount of time the process was waiting for unknown reasons.
SYSE_NUM_OF_ENDED_SESSIONS_SUM	Number of sessions, which ended during the row's timeframe.
SYSE_NUM_OF_SESSIONS_NOT_ENDED	Number of statement executions, which ended during the row's timeframe.
SYSE_NUM_OF_ENDED_EXECUTIONS_SUM	Number of statement executions, which ended during the row's timeframe.
SYSE_NUM_EXECUTIONS_NOT_ENDED	Number of statement executions, which were still running at the end of the row's timeframe.
SYSE_STAT_CPU_SUM	Statistics summing the amount of the process's read memory usage.
SYSE_STAT_PHYSICAL_IO_SUM	Number of physical disk reads and writes for the process.
SYSE_STAT_MEM_USAGE_MAX	Number of pages in the procedure cache allocated to the process.
SYSE_STAT_OPEN_TRANS_MAX	Number of transactions the process opened.
SYSE_PARALLEL_DEGREE_MIN	Minimum number of sessions executing this statement in parallel.
SYSE_PARALLEL_DEGREE_MAX	Maximum number of sessions executing this statement in parallel.
SYSE_SLA_RED_SUM	<i>For future use.</i>
SYSE_SLA_YELLOW_SUM	<i>For future use.</i>
SYSE_SLA_GREEN_SUM	<i>For future use.</i>
SYSE_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYSE_ROWID	Unique row number.
SYSE_START_BIT_ID	<i>For future use.</i>

PW_SYNS_INSTANCE_STATS_T

Stores application performance statistics per timeslice for every combination of instance and database.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYNS_PWII_INSTANCE_ID	ID of the Sybase instance.
SYNS_TIMESTAMP	Date and time the statistic was sampled. On an hourly summary level, the date and time are GMT. On all other summary levels, the time is zeroed and SYST_PWHG_ID should be used.
SYNS_PWHG_ID	Hour group ID.
SYNS_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYNS_DATABASE_ID	ID of the database to which the statement belongs, normalized in table PW_SYDN_DATABASE_NAMES_N.
SYNS_TOTAL_INSYBASE_TIME_SUM	Total amount of time Sybase was actively executing queries. It is also the sum of the columns.

SYNS_TOTAL_DURATION_SUM	Total amount of time Sybase spent executing this statement.
SYNS_REQUEST_WAIT_SUM	Amount of time the process was waiting for the client to issue a statement.
SYNS_CPU_SUM	Amount of time the process was actively executing a statement.
SYNS_LOCK_WAIT_SUM	Amount of time the process was waiting for locks held by other processes to be released. All types of locks are counted.
SYNS_IO_WAIT_SUM	Amount of time the process was waiting for I/O operations to terminate.
SYNS_REMOTE_WAIT_SUM	Amount of time the process was waiting for a remote query to terminate.
SYNS_LOG_WAIT_SUM	Amount of time the process was waiting for an operation on the log file to terminate. This state is generally encountered during a COMMIT or ROLLBACK operation.
SYNS_SYNC_SUM	Amount of time the process was waiting to synchronize with another process.
SYNS_LOG_SUSPEND_SUM	The amount of time the process was waiting for an operation of the log file to terminate. This state is generally encountered during a transaction log full.
SYNS_NET_IO_SUM	Amount of time the process was waiting for the client process to acknowledge data sent to it.
SYNS_BUFFER_WAIT_SUM	Amount of time the process was waiting to access a user log cache.
SYNS_INTERNAL_LOCK_SUM	Amount of time the process was waiting for an internal lock to be released.
SYNS_WAITFOR_COMMAND_SUM	Amount of time the process was executing the WAITFOR DELAY command.
SYNS_OTHER_WAIT_SUM	Amount of time the process was waiting for unknown reasons.
SYNS_NUM_OF_ENDED_SESSIONS_SUM	Number of sessions, which ended during the row's timeframe.
SYNS_NUM_OF_SESSIONS_NOT_ENDED	Number of statement executions, which ended during the row's timeframe.
SYNS_NUM_OF_ENDED_EXECUTIONS_SUM	Number of statement executions, which ended during the row's timeframe.
SYNS_NUM_EXECUTIONS_NOT_ENDED	Number of statement executions, which were still running at the end of the row's timeframe.
SYNS_STAT_CPU_SUM	Statistics summing the amount of the process's read memory usage.
SYNS_STAT_PHYSICAL_IO_SUM	Number of physical disk reads and writes for the process.
SYNS_STAT_MEM_USAGE_MAX	Number of pages in the procedure cache allocated to the process.
SYNS_STAT_OPEN_TRANS_MAX	Number of transactions the process opened.
SYNS_SLA_RED_SUM	<i>For future use.</i>
SYNS_SLA_YELLOW_SUM	<i>For future use.</i>
SYNS_SLA_GREEN_SUM	<i>For future use.</i>
SYNS_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYNS_ROWID	Unique row number.
SYNS_WORK_TYPE	Type of session, such as batch, dialog, or queue.

PW_SYPQ_PLL_QUERY_STATS_T

Contains overtime counter values. Includes counters that are relevant to Parallel Queries statistics.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYPQ_PWII_INSTANCE_ID	ID of the Sybase instance.

SYPQ_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYPQ_PWHG_ID	Hour group ID.
SYPQ_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYPQ_PARALLEL_QUERIES_SUM	Total number of queries eligible to be run in parallel.
SYPQ_PLL_THREAD_LIMIT_ADJ_SUM	Number of times the number of worker processes for a cached query plan was adjusted, due to a session-level limit.
SYPQ_PLL_NOTHREAD_ADJ_SUM	Number of times the number of worker processes for a cached query plan was adjusted, due to lack of available worker processes.
SYPQ_NETWORK_BUF_IMMEDIATE_SUM	Number of parallel network buffer merge locks with no wait.
SYPQ_NETWORK_BUF_WAIT_SUM	Number of parallel network buffer merge locks with wait.
SYPQ_RESULT_BUF_IMMEDIATE_SUM	Number of parallel result buffer merge locks with no wait.
SYPQ_RESULT_BUF_WAIT_SUM	Number of parallel result buffer merge locks with wait.
SYPQ_WORKTAB_BUF_IMMEDIATE_SUM	Number of parallel work table merge locks with no wait.
SYPQ_WORKTAB_BUF_WAIT_SUM	Number of parallel work table merge locks with wait.
SYPQ_PLL_SORT_MERGE_WAIT_SUM	Number of contention on a parallel sort buffer merge locks that are caused by producers (returning rows from parallel scans).
SYPQ_PLL_SORTING_WAIT_SUM	Number of contention on a parallel sort buffer merge locks that are caused by consumers (performing the parallel sort).
SYPQ_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYMS_MISC_STATISTICS_T

Contains overtime counter values. Includes miscellaneous counters.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYMS_PWII_INSTANCE_ID	ID of the Sybase instance.
SYMS_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYMS_PWHG_ID	Hour group ID.
SYMS_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYMS_ESP_REQUESTS_SUM	Number of extended stored procedure calls.
SYMS_ESP_EXEC_TICKS_SUM	Average time for all extended stored procedures.
SYMS_HK_GC_WAKES_SUM	Number of times the housekeeper garbage collection checked for space that can be reclaimed.
SYMS_HK_GC_PAGES_SUM	Number of pages reclaimed by the housekeeper garbage collection.
SYMS_HK_STATS_WAKES_SUM	Number of times the housekeeper chore tasks checked to see if statistics needed to be written.
SYMS_SPINS_FOR_PLAN_SUM	Number of times that a process attempting to use <code>sp_showplan</code> had to wait to acquire read access to the query plan.
SYMS_TXT_SIZE_OVERFLOWES_SUM	Number of times that SQL batch text exceeded the text buffer size.

SYMS_TXT_REQS_MAX	Maximum size of a SQL batch.
SYMS_PROC_READS_SUM	Number of times that stored procedures were read from disk, rather than found and copied in the procedure cache.
SYMS_PROC_REMOVALS_SUM	Number of times that a procedure aged out of cache.
SYMS_PROC_REQS_SUM	Number of times stored procedures were executed.
SYMS_PROC_WRITES_SUM	Number of procedures created.
SYMS_MEM_PAGES_ALLOCS_SUM	Number of times that a new page was allocated in the memory.
SYMS_PAGES_FREES_SUM	Number of times that a page was freed.
SYMS_CHECKPOINT_TOTAL_SUM	Number of normal checkpoints.
SYMS_HK_FREE_DB_CKPTS_SUM	Number of checkpoints performed by the housekeeper wash task.
SYMS_CHECKPOINT_TIME_SUM	Interval of normal checkpoints.
SYMS_HK_TIME_DB_CKPTS_SUM	Interval of free checkpoints.
SYMS_NET_PACKETS_RECEIVED_SUM	Number of network packets ASE received.
SYMS_NET_PACKETS_SENT_SUM	Number of network packets ASE sent.
SYMS_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYMS_RECOMP_CURSOR_CHANGE_SUM	Number of times stored procedures were recompiled due to cursor permission change.
SYMS_RECOMP_INDEX_CHANGE_SUM	Number of times stored procedures were recompiled due to index change.
SYMS_RECOMP_ISOLEVEL_SUM	Number of times stored procedures were recompiled due to isolation level change.
SYMS_RECOMP_PERMISSIONS_SUM	Number of times stored procedures were recompiled due to permissions change.
SYMS_RECOMP_SCHEMA_SUM	Number of times stored procedures were recompiled due to schema change.
SYMS_RECOMP_TABLE_MISSING_SUM	Number of times stored procedures were recompiled due to table missing.
SYMS_RECOMP_TEMP_TAB_MISS_SUM	Number of times stored procedures were recompiled due to temporary table missing.
SYMS_RECOMP_COMP_PHASE_SUM	Number of times recompilation was triggered at compilation phase.
SYMS_RECOMP_EXEC_PHASE_SUM	Number of times recompilation was triggered at execution phase.
SYMS_RECOMP_EXEC_CURSOR_SUM	Number of times recompilation was triggered at execute cursor execution phase.
SYMS_RECOMP_REDEFIN_PHASE_SUM	Number of times recompilation was triggered at redefinition phase.
SYMS_STATEMENTS_DROPPED_SUM	Number of statements that were dropped instead of cached.
SYMS_STMT_IN_CACHE_SUM	Number of times a query plan was reused.
SYMS_STMT_NOT_IN_CACHE_SUM	Number of times an SQL statement was not found in cache.
SYMS_STMT_NOT_CACHED_SUM	Number of statements Adaptive Server would have cached if the statement cache were enabled.
SYMS_STMT_CACHED_SUM	Number of SQL statements in cache.
SYMS_STMT_RESTORED_SUM	Number of query plans regenerated from the SQL text.

PW_SYLM_LOCK_MANAGEMENTS_T

Contains overtime counter values. Includes counters that are relevant to Lock statistics.



- The `_T` table summarizes the data per timeslice.
- The `_D` table summarizes the data per day.
- The `_W` table summarizes the data per week.
- The `_M` table summarizes the data per month.

Column Name	Column Description
SYLM_PWII_INSTANCE_ID	ID of the Sybase instance.
SYLM_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYLM_PWHG_ID	Hour group ID.
SYLM_MINUTES_COUNT_SUM	The timeframe needed to calculate the row (in minutes).
SYLM_WAIT_EX_LATCH_SUM	Number of times a task was switched out because it needed to wait for an EX latch type.
SYLM_WAIT_NO_LATCH_SUM	Number of times a task was switched out because it needed to wait for a NO latch type.
SYLM_WAIT_SH_LATCH_SUM	Number of times a task was switched out because it needed to wait for an SH latch type.
SYLM_SPLIT_INDEX_DEADLOCK_SUM	Number of times ASE server retried to split a page, due to contention and ended in a deadlock.
SYLM_GRANTED_LOCKS_SUM	Number of times locks were granted immediately.
SYLM_WAITED_LOCKS_SUM	Number of times a task had to wait for a lock.
SYLM_LOCK_CONTENTION_SUM	Number of times there was lock contention.
SYLM_DEADLOCKS_SUM	Number of deadlocks.
SYLM_HASHTABLE_LOOKUPS_SUM	Number of times the lock hash table was searched for a lock on a page, row, or table.
SYLM_GRANTED_EX_TAB_SUM	Number of times an exclusive table lock type was granted immediately.
SYLM_WAITED_EX_TAB_SUM	Number of times a task had to wait for an exclusive table lock type.
SYLM_GRANTED_SH_TAB_SUM	Number of times a shared table lock type was granted immediately.
SYLM_WAITED_SH_TAB_SUM	Number of times a task had to wait for a shared table lock type.
SYLM_GRANTED_EX_INT_SUM	Number of times an exclusive intent lock type was granted immediately.
SYLM_WAITED_EX_INT_SUM	Number of times a task had to wait for an exclusive intent lock type.
SYLM_GRANTED_SH_INT_SUM	Number of times a shared intent lock type was granted immediately.
SYLM_WAITED_SH_INT_SUM	Number of times a task had to wait for a shared Intent lock type.
SYLM_GRANTED_EX_PAGE_SUM	Number of times an exclusive page lock type was granted immediately.
SYLM_WAITED_EX_PAGE_SUM	Number of times a task had to wait for an exclusive page lock type.
SYLM_GRANTED_SH_PAGE_SUM	Number of times a shared page lock type was granted immediately.
SYLM_WAITED_SH_PAGE_SUM	Number of times a task had to wait for a shared page lock type.
SYLM_GRANTED_UP_PAGE_SUM	Number of times an update page lock type was granted immediately.
SYLM_WAITED_UP_PAGE_SUM	Number of times a task had to wait for an update page lock type.
SYLM_GRANTED_EX_ROW_SUM	Number of times an exclusive row lock type was granted immediately.
SYLM_WAITED_EX_ROW_SUM	Number of times a task had to wait for an exclusive row lock type.
SYLM_GRANTED_SH_ROW_SUM	Number of times a shared row lock type was granted immediately.
SYLM_WAITED_SH_ROW_SUM	Number of times a task had to wait for a shared row lock type.
SYLM_GRANTED_UP_ROW_SUM	Number of times an update row lock type was granted immediately.

SYLM_WAITED_UP_ROW_SUM	Number of times a task had to wait for an update row lock type.
SYLM_GRANTED_SH_NKL_SUM	Number of times a shared next key lock type was granted immediately.
SYLM_WAITED_SH_NKL_SUM	Number of times a task had to wait for a shared next key lock type.
SYLM_GRANTED_EX_ADDRESS_SUM	Number of times an exclusive address lock type was granted immediately.
SYLM_WAITED_EX_ADDRESS_SUM	Number of times a task had to wait for an exclusive address lock type.
SYLM_GRANTED_SH_ADDRESS_SUM	Number of times a shared address lock type was granted immediately.
SYLM_WAITED_SH_ADDRESS_SUM	Number of times a task had to wait for a shared address lock type.
SYLM_EX_TAB_DEADLOCK_SUM	Number of times an exclusive table deadlock has occurred.
SYLM_SH_TAB_DEADLOCK_SUM	Number of times a shared table deadlock has occurred.
SYLM_EX_INT_DEADLOCK_SUM	Number of times an exclusive intent deadlock has occurred.
SYLM_SH_INT_DEADLOCK_SUM	Number of times a shared intent deadlock has occurred.
SYLM_EX_PAGE_DEADLOCK_SUM	Number of times an exclusive page deadlock has occurred.
SYLM_UP_PAGE_DEADLOCK_SUM	Number of times an updated page deadlock has occurred.
SYLM_SH_PAGE_DEADLOCK_SUM	Number of times a shared page deadlock has occurred.
SYLM_EX_ROW_DEADLOCK_SUM	Number of times an exclusive row deadlock has occurred.
SYLM_UP_ROW_DEADLOCK_SUM	Number of times an updated row deadlock has occurred.
SYLM_SH_ROW_DEADLOCK_SUM	Number of times a shared row deadlock has occurred.
SYLM_SH_NKL_DEADLOCK_SUM	Number of times a shared next key deadlock has occurred.
SYLM_EX_ADDR_DEADLOCK_SUM	Number of times an exclusive address deadlock has occurred.
SYLM_SH_ADDR_DEADLOCK_SUM	Number of times a shared address deadlock has occurred.
SYLM_DEADLOCK_SRCH_SUM	Number of times Adaptive Server initiated a deadlock search.
SYLM_DEADLOCK_SRCH_SKIP_SUM	Number of times a task started to perform deadlock checking, but found deadlock checking in progress and skipped its check.
SYLM_TOTAL_PROMOTIONS_SUM	Number of lock promotions.
SYLM_EX_TAB_PROMOTIONS_SUM	Number of times an exclusive page to exclusive table escalation has occurred.
SYLM_SH_TAB_PROMOTIONS_SUM	Number of times a shared page to shared table escalation has occurred.
SYLM_EX_ROW_PROMOTIONS_SUM	Number of times an exclusive row to exclusive table escalation has occurred.
SYLM_SH_ROW_PROMOTIONS_SUM	Number of times a shared row to shared table escalation has occurred.
SYLM_SH_NKL_PROMOTIONS_SUM	Number of times a shared next key to shared table escalation has occurred.
SYLM_TOTAL_TIMEDOUTS_SUM	Number of times a task was waiting for a lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_EX_TAB_TIMEDOUTS_SUM	Number of times a task was waiting for an exclusive table lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_SH_TAB_TMEDOUTS_SUM	Number of times a task was waiting for a shared table lock and the transaction was rolled back, due to a session-level or server-level lock timeout.

SYLM_EX_INT_TIMEDOUTS_SUM	Number of times a task was waiting for an exclusive intent lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_SH_INT_TIMEDOUTS_SUM	Number of times a task was waiting for a shared intent lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_EX_PAGE_TIMEDOUTS_SUM	Number of times a task was waiting for an exclusive page lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_UP_PAGE_TIMEDOUTS_SUM	Number of times a task was waiting for an update page lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_SH_PAGE_TIMEDOUTS_SUM	Number of times a task was waiting for a shared page lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_EX_ROW_TIMEDOUTS_SUM	Number of times a task was waiting for an exclusive row lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_UP_ROW_TIMEDOUTS_SUM	Number of times a task was waiting for an update row lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_SH_ROW_TIMEDOUTS_SUM	Number of times a task was waiting for a shared row lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_EX_ADDR_TIMEDOUTS_SUM	Number of times a task was waiting for an exclusive address lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_SH_ADR_TIMEDOUTS_SUM	Number of times a task was waiting for a shared address lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_SH_NKL_TIMEDOUTS_SUM	Number of times a task was waiting for a shared next key lock and the transaction was rolled back, due to a session-level or server-level lock timeout.
SYLM_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYLM_HASH_CHAIN_LENGTH_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .
SYLM_TABLE_HASHTAB_LKUP_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .
SYLM_TAB_AVG_CHAIN_LEN_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .
SYLM_PAGEROW_HASHTAB_LKUP_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .
SYLM_PAGEROWAVG_CHAIN_LEN_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .
SYLM_ADDRESS_HASHTAB_LKUP_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .
SYLM_ADDRESS_AVG_CHAIN_LEN_SUM	For more information, search for "performance counters" on http://msdn.microsoft.com .

PW_SYTM_TRAN_MANAGEMENTS_T

Contains overtime counter values. Includes counters that are relevant to Transaction statistics.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYTM_PWII_INSTANCE_ID	ID of the Sybase instance.
SYTM_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.

SYTM_PWHG_ID	Hour group ID.
SYTM_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYTM_LOG_SEMAPHORE_WAITED_SUM	Number of context switches, caused by contention on a log semaphore.
SYTM_ULC_SEMAPHORE_WAITS_SUM	Number of context switches, caused by contention on PLC.
SYTM_TRANSACTIONS_SUM	Number of committed transactions.
SYTM_INS_HEAP_ROWS_SUM	Number of rows inserted to heap tables.
SYTM_INS_CLUS_ROWS_SUM	Number of rows inserted to clustered tables.
SYTM_INS_DOL_ROWS_SUM	Number of rows inserted to data-only-lock tables.
SYTM_UPD_DEFERRED_ROWS_SUM	Number of rows updated in deferred mode.
SYTM_UPD_DIRECT_PLACE_ROWS_SUM	Number of rows updated directly, in-place.
SYTM_UPD_CHEAP_DIRECT_ROWS_SUM	Number of rows updated directly, not in-place.
SYTM_UPD_EXPENSIVE_ROWS_SUM	Number of rows updated directly, expansive (causing row movement).
SYTM_UPD_DOL_DEFERRED_ROWS_SUM	Number of rows updated in deferred mode in DOL tables.
SYTM_UPD_DOL_ROWS_SUM	Number of rows updated in DOL tables.
SYTM_UPD_DOL_REPLACE_ROWS_SUM	Number of rows replaced in DOL tables.
SYTM_UPD_DOL_SHRINK_ROWS_SUM	Number of rows shrunken, while updated in DOL tables.
SYTM_DOL_CHEAP_EXPANDS_SUM	Number of rows expanded, while updated in DOL tables. The row was the last row on the page.
SYTM_DOL_EXPENSIVE_EXPANDS_SUM	Number of rows expanded, while updated in DOL tables. The update caused row movement.
SYTM_DOL_EXPANDS_FORWARDS_SUM	Number of rows expanded and forwarded, while updated in DOL tables.
SYTM_DOL_FORWARDS_RET_ROWS_SUM	Number of rows that were forwarded already and now fit in original page and returned to original page in DOL tables.
SYTM_DEL_DEFERRED_ROWS_SUM	Number of rows deleted in deferred mode.
SYTM_DEL_APL_ROWS_SUM	Number of rows deleted directly.
SYTM_DEL_DOL_ROWS_SUM	Number of rows deleted from DOL tables.
SYTM_FULL_LOG_FLUSHES_SUM	Number of times that ULC was flushed to transaction log because the ULC became full.
SYTM_ENDXACT_FLUSHES_SUM	Number of times that ULC was flushed to transaction log because a transaction ended.
SYTM_CHANGE_DB_FLUSHES_SUM	Number of times that ULC was flushed to transaction log because a database changed.
SYTM_SYS_LOG_REC_FLUSHES_SUM	Number of times that ULC was flushed to transaction log because a system transaction occurred within the user transaction.
SYTM_UNPIN_FLUSHES_SUM	Number of times that ULC was flushed to transaction log because of other reasons.
SYTM_LOG_RECORDS_SUM	Average number of log records per transaction.
SYTM_ULC_SIZE_MAX	Maximum number of bytes used in ULCs.
SYTM_LOG_SEMAPHORE_GRANTED_SUM	Number of log semaphore requests granted immediately.
SYTM_ULC_SEMAPHORE_REQ_SUM	Number of ULC semaphore requests.
SYTM_TRAN_LOG_ALLOC_SUM	Number of times additional pages were allocated to the transaction log.
SYTM_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYDC_DATA_CACHE_MANAGEMENT_T

Contains overtime counter values. Includes counters that are relevant to Data Cache statistics.



- The `_T` table summarizes the data per timeslice.
- The `_D` table summarizes the data per day.
- The `_W` table summarizes the data per week.
- The `_M` table summarizes the data per month.

Column Name	Column Description
SYDC_PWII_INSTANCE_ID	ID of the Sybase instance.
SYDC_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYDC_PWHG_ID	Hour group ID.
SYDC_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYDC_COUNTER_INSTANCE	The Instance of this counter.
SYDC_READ_WAITS_SUM	Number of cache search misses resulting in a read.
SYDC_SYSTEM_DISK_WRITES_SUM	Number of I/O waits caused by I/O requests or restarted I/O requests.
SYDC_HK_EXECUTIONS_SUM	Number of times the housekeeper executes on a cache.
SYDC_IO_PACING_SUM	Number of times an I/O extensive task was switched off, due to exceeding an I/O batch limit.
SYDC_CNTXSW_GROUP_COMMIT_SUM	Number of times a task issued a commit and had to wait till the buffer log got full and was written to disk.
SYDC_LOG_LASTPAGE_WRITES_SUM	Number of times a task issued a commit and had to wait till the buffer log was written to disk.
SYDC_CNTXSW_MODIFY_CNFLCT_SUM	Number of times a task issued a commit and had to wait till the buffer log was written to disk.
SYDC_HK_WASH_SUM	Number of time the housekeeper tasks perform buffer cache washes.
SYDC_HK_WASH_CLEAN_SUM	Number of time the housekeeper tasks perform buffer cache washes and found it clean.
SYDC_LOG_PAGE_WRITES_SUM	Number of times a buffer transaction log page is written to disk.
SYDC_BUFSEARCH_FINDS_SUM	Number of times a needed page was found in a cache.
SYDC_BUFSEARCH_FINDS_IN_SUM	Number of times a needed page was found in a cache in the wash mark.
SYDC_BUFSEARCH_CALLS_SUM	Number of times a cache was searched for a specific page.
SYDC_LRU_BUFGRAB_2K_SUM	Number of times a buffer is replaced from the pool with I/O size 2K. The page that was replaced, was not changed or was already written to disk, known as clean.
SYDC_LRU_BUFGRAB_4K_SUM	Number of times a buffer is replaced from the pool with I/O size 4K. The page that was replaced, was not changed or was already written to disk, known as clean page.
SYDC_LRU_BUFGRAB_8K_SUM	Number of times a buffer is replaced from the pool with I/O size 8K. The page that was replaced, was not changed or was already written to disk, known as clean page.
SYDC_LRU_BUFGRAB_16K_SUM	Number of times a buffer is replaced from the pool with I/O size 16K. The page that was replaced, was not changed or was already written to disk, known as clean page.
SYDC_LRU_BUFGRAB_32K_SUM	Number of times a buffer is replaced from the pool with I/O size 32K. The page that was replaced was not changed or was already written to disk, known as clean page.
SYDC_LRU_BUFGRAB_64K_SUM	Number of times a buffer is replaced from the pool with I/O size 64K. The page that was replaced, was not changed or was already written to disk, known as clean page.
SYDC_LRU_BUFGRAB_128K_SUM	Number of times a buffer is replaced from the pool with I/O size 128K. The page that was replaced, was not changed or was already written to disk, known as clean page.

SYDC_LRU_BUFGRAB_256K_SUM	Number of times a buffer is replaced from the pool with I/O size 256K. The page that was replaced, was not changed or was already written to disk, known as clean page.
SYDC_LRU_BUFGRAB_512K_SUM	Number of times a buffer is replaced from the pool with I/O size 512K. The page that was replaced, was not changed or was already written to disk, known as clean page.
SYDC_BUFGRAB_DIRTY_2K_SUM	Number of times a buffer is replaced from the pool with I/O size 2K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_4K_SUM	Number of times a buffer is replaced from the pool with I/O size 4K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_8K_SUM	Number of times a buffer is replaced from the pool with I/O size 8K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_16K_SUM	Number of times a buffer is replaced from the pool with I/O size 16K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_32K_SUM	Number of times a buffer is replaced from the pool with I/O size 32K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_64K_SUM	Number of times a buffer is replaced from the pool with I/O size 64K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_128K_SUM	Number of times a buffer is replaced from the pool with I/O size 128K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_256K_SUM	Number of times a buffer is replaced from the pool with I/O size 256K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFGRAB_DIRTY_512K_SUM	Number of times a buffer is replaced from the pool with I/O size 512K. The page that was replaced, was changed and not written to disk, known as dirty page.
SYDC_BUFUNKEEP_LRU_SUM	Number of buffers that used the normal cache strategy and were placed at the MRU end of the cache.
SYDC_BUFUNKEEP_MRU_SUM	Number of buffers that were placed at the wash marker, using the fetch-and-discard strategy.
SYDC_LARGE_IO_PERFORMED_SUM	Number of times a request for a large I/O was performed for a buffer.
SYDC_PREFETCH_REQ_SUM	Number of times a large I/O was requested for a buffer.
SYDC_LEVEL0_BUFPREDIRTY_SUM	Average number of pages requested at isolation level 0 for a cache.
SYDC_BUFWASH_THROUPUT_SUM	Throughput of the buffer wash mark.
SYDC_BUFWASH_PASS_CLEAN_SUM	Number of buffers that were clean, when they passed the wash marker.
SYDC_BUFWASH_PASS_WRITE_SUM	Number of times that I/O was already active on a buffer, when it entered the wash area.
SYDC_BUFWASH_WRITE_DIRTY_SUM	Number of times that a buffer entered the wash area dirty and was not already in I/O.
SYDC_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYIM_INDEX_MANAGEMENTS_T

Contains overtime counter values. Includes counters that are relevant to Index Management statistics.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
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SYIM_PWII_INSTANCE_ID	ID of the Sybase instance.
SYIM_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYIM_PWHG_ID	Hour group ID.
SYIM_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYIM_NC_UPDATES_SUM	Number of insert and update operations to a table with indexes that potentially requires modifications to one or more indexes.
SYIM_NC_UPDATES_INDEXES_SUM	Number of non-clustered indexes that require maintenance, as a result of insert and update operations.
SYIM_NC_DELETES_SUM	Number of delete operations to a table with indexes that potentially required modifications to one or more indexes.
SYIM_NC_DELETE_INDEXES_SUM	Number of non-clustered indexes that required maintenance, as a result of delete operations.
SYIM_NC_RID_UPDATES_SUM	Number of page splits that required maintenance of a non-clustered index.
SYIM_NC_RID_UPDATE_INDEXES_SUM	Number of non-clustered indexes that required maintenance, as a result of a clustered page split.
SYIM_NC_DOL_NC_DELETES_SUM	Number of update / delete operations for DOL tables that required maintenance of a non-clustered index.
SYIM_NC_DOL_NC_DELETES_INDEXES_SUM	Number of non-clustered indexes that required maintenance, as a result of update / delete operations for DOL tables.
SYIM_PAGE_SPLITS_SUM	Number of page splits for data pages, clustered index pages or non-clustered index pages, because there was not enough room for a new row.
SYIM_INDEX_RETRIES_SUM	Number of times the ASE server retried to split a page, due to contention.
SYIM_ADD_INDEX_LEVEL_SUM	Number of times a new index level was added.
SYIM_PAGE_SHRINKS_SUM	Number of page shrinks, due to deleting index rows.
SYIM_BT_BACKWARD_SCANS_SUM	Number of backward scans on DOL tables.
SYIM_BT_FORWARD_SCANS_SUM	Number of forward scans on DOL tables.
SYIM_BACKWARD_SCANS_SUM	Number of backward scans on APL tables.
SYIM_FORWARD_SCANS_SUM	Number of forward scans on APL tables.
SYIM_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYCM_CACHE_MANAGEMENTS_T

Contains overtime counter values. Includes counters that are relevant to Metadata Cache statistics.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYCM_PWII_INSTANCE_ID	ID of the Sybase instance.
SYCM_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYCM_PWHG_ID	Hour group ID.
SYCM_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYCM_ACTIVE_OPEN_OBJECTS_MAX	Number of objects that were active.
SYCM_OPEN_OBJECTS_MAX	Maximum number of objects that were active (from server reboot).

SYCM_OPEN_OBJECTS_FAILED_SUM	Number of times the objects cache had to be searched for reusable descriptors and all descriptors were in use.
SYCM_OPEN_OBJECTS_REUSES_SUM	Number of times the objects cache had to be searched for reusable descriptors.
SYCM_ACTIVE_OPEN_INDEXES_MAX	Number of indexes that were active.
SYCM_OPEN_INDEXES_MAX	Maximum number of indexes that were active (from server reboot).
SYCM_OPEN_INDEXES_FAILED_SUM	Number of times the indexes cache had to be searched for reusable descriptors and all descriptors were in use.
SYCM_OPEN_INDEXES_REUSES_SUM	Number of times the indexes cache had to be searched for reusable descriptors.
SYCM_ACTIVE_OPEN_DATABASES_SUM	Number of databases that were active.
SYCM_OPEN_DATABASES_MAX	Maximum number of databases that were active (from server reboot).
SYCM_OPEN_DATABASES_FAILED_SUM	Number of times the databases cache had to be searched for reusable descriptors and all descriptors were in use.
SYCM_OPEN_DATABASES_REUSES_SUM	Number of times the databases cache had to be searched for reusable descriptors.
SYCM_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYES_ENGINES_T

Contains overtime counter values. Includes counters that are relevant to Engine statistics.



- The _T table summarizes the data per timeslice.
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- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYES_PWII_INSTANCE_ID	ID of the Sybase instance.
SYES_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYES_PWHG_ID	Hour group ID.
SYES_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYES_COUNTER_INSTANCE	Instance of this counter.
SYES_CLOCK_TICKS_SUM	Number of clock ticks an engine got from the operating system.
SYES_IDLE_TICKS_SUM	Number of clock ticks an engine was idle.
SYES_ENGINE_SLEEPS_SUM	Number of times an engine yielded (gave up) to the operating system.
SYES_DCHECK_CALLS_SUM	Number of times an engine checks for disk I/O.
SYES_DCHECKS_CALLING_DPOLL_SUM	Number of times an I/O request was completed, when an engine checked for disk I/O.
SYES_DPOLL_COMPLETED_AIOS_SUM	Number of completed I/O requests.
SYES_ENGINE_DELAYED_AIOS_SUM	Number of delayed I/O requests, due to engine limit.
SYES_OS_DELAYED_AIOS_SUM	Number of delayed I/O requests, due to an OS limit.
SYES_SERVER_DELAYED_SUM	Number of delayed I/O requests, due to a server limit.
SYES_CONTEXT_SWITCHES_SUM	Number of times an engine switches context from one user task to another.
SYES_INCOMPATIBLE_TASKS_SUM	Number of times an engine skipped a user task at the head of a run queue.
SYES_OUTSTANDING_AIOS_SUM	Maximum number of pending I/Os.
SYES_BYTES_RECEIVED_SUM	Number of bytes an engine received from the network.
SYES_BYTES_SENT_SUM	Number of bytes an engine sent to the network.

SYES_PACKETS_RECEIVED_SUM	Number of packets an engine received from the network.
SYES_PACKETS_SENT_SUM	Number of packets an engine sent to the network.
SYES_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYKN_KERNELS_T

Contains overtime counter values. Includes counters that are relevant to Kernel statistics.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYKN_PWII_INSTANCE_ID	ID of the Sybase instance.
SYKN_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYKN_PWHG_ID	Hour group ID.
SYKN_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYKN_WTM_CONNECT_REQS_SUM	Total number of requests for a worker process.
SYKN_WTM_DENIED_REQS_SUM	Number of denied worker process requests.
SYKN_WTM_TERMINATIONS_SUM	Number of worker process requests terminated by the user.
SYKN_WTM_THREAD_REQS_SUM	Total number of worker processes used.
SYKN_WTM_HTM_SUM	Maximum number of worker processes used.
SYKN_WTM_MEMORY_ALLOC_REQS_SUM	Number of requests for memory allocation for worker processes.
SYKN_WTM_MEMORY_FAIL_REQS_SUM	Number of failed requests for memory allocation for worker processes.
SYKN_WTM_MEMORY_HWM_MAX	Total memory used by a worker process.
SYKN_PROCESSES_CREATED_SUM	Summary of opened connections.
SYKN_PROCESSES_CREATED_MAX	Number of maximum opened connections.
SYKN_TASK_YIELDS_CNTXSW_SUM	Number of context switches caused by voluntary yields.
SYKN_PRIORITY_CHANGED_HIGH_SUM	Number of times the priority changes to high priority.
SYKN_PRIORITY_CHANGED_LOW_SUM	Number of times the priority changes to low priority.
SYKN_PRIORITY_CHANGED_MED_SUM	Number of times the priority changes to medium priority.
SYKN_PRIORITY_HIGH_SLICES_SUM	Number of times a user task in high priority exceeded the time allotted for execution.
SYKN_PRIORITY_LOW_SLICES_SUM	Number of times a user task in low priority exceeded the time allotted for execution.
SYKN_PRIORITY_MED_SLICES_SUM	Number of times a user task with medium priority exceeded the time allotted for execution.
SYKN_GINEMASK_CALLS_SUM	Number of time a user changed the engine group binding of any user task.
SYKN_OUTSTANDING_AIOS_SUM	Maximum number of I/Os pending in the server.
SYKN_UDALLOC_SLEEPS_SUM	Number of I/Os delayed by reaching the limit of disk I/O structures.
SYKN_UDALLOC_CALLS_SUM	Number of times that ASE requested disk I/Os.
SYKN_KSALLOC_CALLS_SUM	Total number of packets received and sent.
SYKN_KSALLOC_SLEEPS_SUM	Total number of times the network I/O was delayed.
SYKN_NET_CHECK_BLOCKING_SUM	Number of times ASE performed blocking network checks.

SYKN_NET_CHECK_NONBLOCKING_SUM	Number of times ASE performed non-blocking network checks.
SYKN_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYDI_DISK_IO_T

Contains overtime counter values. Includes counters that are relevant to Disk I/O statistics.



- The _T table summarizes the data per timeslice.
- The _D table summarizes the data per day.
- The _W table summarizes the data per week.
- The _M table summarizes the data per month.

Column Name	Column Description
SYDI_PWII_INSTANCE_ID	ID of the Sybase instance.
SYDI_TIMESTAMP	Date and time the statistic was sampled. On a slice summary level, the date and time are GMT. On all other summary levels, the time is zeroed.
SYDI_PWHG_ID	Hour group ID.
SYDI_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYDI_COUNTER_INSTANCE	The Instance of this counter.
SYDI_P_MISSES_SUM	Number of misses in the disk cache.
SYDI_P_HITS_SUM	Number of hits in the disk cache.
SYDI_TOTAL_READS_SUM	Number of pages read from the device.
SYDI_TOTAL_WRITES_SUM	Number of pages written to the device.
SYDI_APF_PHYSICAL_READS_SUM	Number of pages read from the device by an asynchronous prefetch.
SYDI_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.

PW_SYWI_WAIT_INFO

Contains wait event counters info.

Column Name	Column Description
SYWI_WAIT_GROUP	Normalized, wait group names.
SYWI_WAIT_TYPE	Wait type identifier.
SYWI_GROUP_FROM_VERSION	Group from - based on Sybase version.
SYWI_GROUP_TILL_VERSION	Group till - based on Sybase version.
SYWI_COUNTER_FROM_VERSION	Counter from - based on Sybase version.
SYWI_COUNTER_TILL_VERSION	Counter till - based on Sybase version.
SYWI_EXPLANATION	Counter explanation.

PW_SYWC_WAIT_COUNTERS_T

Contains wait counter data.

Column Name	Column Name
SYWC_PWII_INSTANCE_ID	ID of the Sybase instance.

SYWC_TIMESTAMP	Date and time the statistic was sampled. On an hourly summary level, the date and time are GMT. On all other summary levels, the time is zeroed and SQAM_PWHG_ID should be used.
SYWC_PWHG_ID	Hour group ID.
SYWC_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYWC_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYWC_WAIT_TYPE	Wait type ID.
SYWC_WAITING_TASKS_COUNT_SUM	Wait event's counter.
SYWC_TOTAL_WAIT_TIME_SUM	Summarized wait event's total wait time.

PW_SYWG_WAIT_GROUPS_T

Contains wait counter data group by wait groups.

Column Name	Column Name
SYWG_PWII_INSTANCE_ID	ID of the Sybase instance.
SYWG_TIMESTAMP	Date and time the statistic was sampled. On an hourly summary level, the date and time are GMT. On all other summary levels, the time is zeroed and SQAM_PWHG_ID should be used.
SYWG_PWHG_ID	Hour group ID.
SYWG_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYWG_RECEIVED_TIMESTAMP	Local date and time the row was loaded into the PMDB.
SYWG_WAIT_GROUP	Wait group ID.
SYWG_WAITING_TASKS_COUNT_SUM	Wait event's counter.
SYWG_TOTAL_WAIT_TIME_SUM	Summarized wait event's total wait time.

PW_SYRA_REP_AGENT_STATS_T

Column Name	Column Name
SYRA_PWII_INSTANCE_ID	Adaptive Server Enterprise instance name.
SYRA_REP_SERVER_ID	Replication server name.
SYRA_DATABASE_ID	Database name.
SYRA_TIMESTAMP	Timestamp.
SYRA_PWHG_ID	Hour group ID.
SYRA_MINUTES_COUNT_SUM	The timeframe needed to calculated the row (in minutes).
SYRA_RECEIVED_TIMESTAMP	Received timestamp.
SYRA_SUM_IO_WAIT_SUM	Time that the RepAgent waited for the replication server to parse the LTL, normalize the LTL according to the replication definitions, pack the LTL into a binary format, and then send to the SQM.
SYRA_TRUNCPT_MOVED_SUM	Number of times the RepAgent asked the replication server for a new secondary truncation point and moved the secondary truncation point in the log.
SYRA_TRUNCPT_GOTTEN_SUM	Number of times the RepAgent asked the replication server for a new secondary truncation point and got it.

SYRA_PACKETS_SENT_SUM	Total number of packets sent.
SYRA_FULL_PACKETS_SENT_SUM	Number of packets that were sent full.
SYRA_LOG_RECORDS_SCANNED_SUM	Number of log records scanned.
SYRA_LOG_RECORDS_PROCESSED_SUM	Number of log records scanned, converted to LTL, and then sent to the replication server.
SYRA_XCMDTEXT_PROCESSED_SUM	Number of DML commands read from the log.
SYRA_XWRTEXT_PROCESSED_SUM	Number of writetext operations that are being replicated.
SYRA_XROWIMAGE_PROCESSED_SUM	Number of row images that are processed.
SYRA_ROWID	Row ID.