

22.08.2014

Stanovení velikosti DB, relevantní pro BW, pro dimenzování HANA

SUMMARY

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ABAP Size Row Store:	46.8 GB	No. of tables:	1870
ABAP Size Column Store:	149.1 GB	No. of tables:	34876
Thereof:			
InfoCubes	29.6 GB		238
Std. DSO	26.8 GB		808
Change logs	46.7 GB		244
w/o DSO	7.5 GB		20
PSA	11.3 GB		694
Master Data	2.6 GB		6276
Customer Tables	1.0 GB		52
Aggregates (not counted)			363
TOTAL:			37109

MINIMUM SIZING RECOMMENDATION - CURRENT

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	Phys. memory per node:	512 GB	1024 GB
Memory Requirement (Minimum Total):		198 GB	198 GB
Disk Space Requirement - data (Minimum Total):		198 GB	198 GB
Disk Space Requirement - logs (Minimum Total):		198 GB	198 GB
Number of Nodes incl. master (Minimum Total):		1	1

NOTE:

- Please carefully read documentation attached to SAP NOTE 1736976 for a detailed description of the sizing procedure and its results!
- Disk space requirement calculation no longer includes space for backups dumps, etc. This space has to be provided on additional disk volumes. The guidance for sizing these additional requirements is described within the documentation attached to SAP Note 1736976.

SIZING DETAILS

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(For 512 GB node)	data [GB]	total [GB] incl. tmp.
Row Store	32	64
Column Store	42	84
Caches / Services	50	50
TOTAL (All Servers)	124	198

NOTE: 5% uplift added because of NON-UNICODE source system

SYSTEM INFORMATION

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Report version : 1.8.9
 Execution date and time: 22.08.2014 11:13:48
 Runtime: 00:21:15
 Parallel degree: 3 (s)
 Precision settings: L
 Consider non-active data: NO
 Use system subset: NO
 RDBMS: ORACLE
 Operating System: AIX
 hostname: bwpdb
 SID: BWP
 Release: SAP_BW 731 SP0012

TABLE DETAILS

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Type	Table Name	ABAP Size [MB]	HANA SIZE [MB]	rec count [million]
Row	RSBATCHDATA	7754.0	5169.3	2.632
Row	RSMONMESS	6324.1	4216.1	60.629
Row	RSEMONMESS	5828.6	3885.7	77.980
Row	EDIDS	3524.3	2349.5	26.509
Row	RSEMNODES	2810.9	1873.9	37.006
Row	VARI	2392.9	1595.3	0.813
Row	RSEBMREQ_DTP	2385.6	1590.4	42.924
Row	REPOLOAD	1935.4	1290.3	0.144
Row	REPOSRC	1436.3	957.6	1.596
Row	RSMONIPTAB	1062.0	708.0	10.500
Row	RSMONFACT	834.6	556.4	6.617
Row	RSBKDATA	806.3	537.6	0.275
Row	RSBMLOGPAR	782.7	521.8	13.915
Row	EDIDC	779.6	519.7	6.260
Row	RSEMONMESS_DTP	737.6	491.8	11.142
Row	DDPRS	705.9	470.6	10.768
Row	RSBMLOGPAR_DTP	649.1	432.7	14.872
Row	D010TAB	644.9	430.0	16.504
Row	RSPCINSTANCE	441.4	294.3	5.738
Row	SMIMCONT1	422.1	281.4	0.142
Row	RSBKDATAPAKID	374.4	249.6	5.845

Row	RSREQDONE	369.4	246.3	1.075
Row	D010INC	343.4	228.9	6.021
Row	RSDDSTATAGGDEF	317.1	211.4	4.547
Row	RSPCPROCESSLOG	311.9	207.9	1.613
Row	RSZWOB	298.1	198.7	0.076
Row	VRSMODISRC	246.9	164.6	0.062
Row	RSSELDONE	193.9	129.3	0.813
Row	RSSTATMANREQMDEL	193.3	128.9	1.590
Row	CWBCIDATAOBJ	185.9	123.9	0.063
Row	RSOTLOGOHISTORY	170.1	113.4	0.011
Row	WDY_CTLR_COMPO	150.0	100.0	0.132
Row	DD03L	145.5	97.0	1.690
Row	DYNLOAD	134.4	89.6	0.016
Row	SEOCOMPODF	119.6	79.7	1.009
Row	SMODISRC	108.3	72.2	0.030
Row	ECTD_DATA	103.7	69.1	0.015
Row	DYNPSOURCE	102.9	68.6	0.071
Row	SWNCMONI	101.7	67.8	0.035
Row	RSBATCHCTRL	99.4	66.3	0.807
Row	TBTCTO	90.6	60.4	0.446
Row	TBTCTP	89.1	59.4	0.447
Row	TADIR	88.5	59.0	1.197
Row	BDSCONT8	76.5	51.0	0.026
Row	BDSCONT10	75.4	50.3	0.026
Row	SOC3	74.5	49.7	0.026
Row	D342L	73.3	48.9	0.004
Row	WDY_WB_SOURCEMAP	70.8	47.2	0.024
Row	RSUICDONE	70.7	47.1	0.825
Row	STXL	69.3	46.2	0.094
Row	REPOTEXT	66.1	44.1	0.233
Row	MIGRDDL	65.6	43.7	0.033
Row	BWCONTMPL	64.7	43.1	0.022
Row	WDR_ADP_CONST_MP	60.6	40.4	0.013
Row	IACMU_C	60.3	40.2	0.021
Row	ECSCR_XML_STR	58.5	39.0	0.025
Row	MONI	53.5	35.7	0.018
Row	RSZWBTPDATA	51.3	34.2	0.001
Row	VRX3	48.6	32.4	0.017
Row	BDSCONT11	48.1	32.1	0.016
Row	OZPAGCON	46.1	30.7	0.016
Row	RSPCLOGS	45.5	30.3	0.587
Row	TST03	44.7	29.8	0.006
Row	FPLAYOUTT	43.1	28.7	0.001
Row	RSMONICDP	42.3	28.2	0.595
Row	RSSTATMANPARTT	41.6	27.7	0.112
Row	ECTD_XML_STR	41.3	27.5	0.008
Row	RSZELTKREF	38.3	25.5	0.546
Row	IWBOCONT1	36.1	25.4	0.001
Row	EUD8	36.9	24.6	0.009
Row	VRX4	36.4	24.3	0.012
Row	RSREQICODS	36.1	24.0	0.576
Row	TST01	35.3	23.5	0.232
Row	RSBKCMDH	32.4	21.6	0.011
Row	INDX	32.3	21.5	0.011
Row	RSIX	32.1	21.4	0.008
Row	ENHHEADER	30.6	20.4	0.001
Row	DD04T	30.0	20.0	0.335
Row	TCPSPTL	29.5	19.7	0.212
Row	RSBATCHSTACK	27.5	18.3	0.222
Row	SPROXDAT	27.1	18.1	0.059
Row	RSSTATMANPART	27.1	18.0	0.111
Row	WDR_RR_LOAD	26.9	17.9	0.002
Row	RSR_CACHE_DATA_C	25.3	16.9	0.006
Row	RSBKCMD	25.0	16.7	0.009
Row	RSZELTTXT	24.1	16.1	0.457
Row	WDY_CONFIG_DATA	23.9	15.9	0.004
Row	BDSCONT12	23.5	15.7	0.008
Row	ARFCSDATA	23.3	15.6	0.013
Row	RSZWTEMLATEDATA	23.1	15.4	0.001
Row	CNTLSTREAM	23.0	15.3	0.083
Row	D345T	22.2	14.8	0.001
Row	RSBATCHPROT	21.3	14.2	0.298
Row	RSZ RANGE	20.7	13.8	0.233
Row	RSBATCHHEADER	19.6	13.1	0.105
Row	BDDLATCOL	19.6	13.1	0.007
Row	RSOHTML	19.5	13.0	0.007
Row	WWWDATA	19.1	12.7	0.006
Row	/SDF/MON	19.0	12.7	0.006
Row	DD02T	19.0	12.6	0.334
Row	SLINCACHE	18.6	12.4	0.006
Row	DOKIL	18.4	12.3	0.621
Row	RSDDSTATEVDATA	17.8	11.9	0.337
Row	DDFTX	15.2	10.1	0.138
Row	IACMIMEL	14.1	9.4	0.005
Row	RSWR_DATA	13.9	9.2	0.000
Row	DD03T	13.8	9.2	0.334
Row	RSDDSTATHEADER	13.7	9.1	0.191
Row	RSZSELECT	13.6	9.1	0.269
Row	RSR_CACHE_DATA_B	13.3	8.9	0.000
Row	SPROXLPT	12.8	8.5	0.006
Row	RSHASHDATA	12.6	8.4	0.004
Row	BDSCONT2	12.5	8.3	0.004
Row	RSIX_MANDTINDEF	12.4	8.3	0.003
Row	OZPAGRT	11.6	7.7	0.004
Row	DD02L	11.5	7.7	0.142

Row	ENHSPOTHEADER	11.3	7.5	0.001
Row	IACU_C1	11.2	7.5	0.002
Row	SNAP	11.2	7.4	0.010
Row	DDPRH	11.2	7.4	0.257
Row	DD04L	11.1	7.4	0.126
Row	RSPCLOGCHAIN	10.7	7.2	0.101
Row	O2XSLTDESC	10.3	6.9	0.004
Row	CLS_ASSIGNMENT	10.0	6.6	0.089
Row	SPROXHDR	9.5	6.3	0.017
Row	STXFCONT	8.7	5.8	0.003
Row	DDTYPES	8.7	5.8	0.402
Row	DWTREE	8.4	5.6	0.002
Row	COVREF	8.3	5.5	0.092
Row	DD07T	8.3	5.5	0.188
Row	VRSX2	8.0	5.3	0.003
Row	TPRI_DEF	7.6	5.1	0.003
Row	DD40T	7.3	4.8	0.132
Row	ECOBJUSE	7.1	4.7	0.055
Row	VRSX	7.1	4.7	0.002
Row	CATX	6.6	4.4	0.007
Row	ECSCR_XML_STR_WD	6.1	4.1	0.000
Row	FPCONTEXT	5.9	3.9	0.000
Row	RSDSACCESSATTRSH	5.5	3.7	0.016
Row	DD05S	5.3	3.5	0.113
Row	EUINFO	5.2	3.5	0.002
Row	SACONT01	4.9	3.2	0.002
Row	BDLFUPDEF	4.8	3.2	0.002
Row	DD40L	4.7	3.1	0.053
Row	SWDSCONT	4.7	3.1	0.004
Row	DD27S	4.5	3.0	0.076
Row	DD01T	4.2	2.8	0.092
Row	SIDL_TEST_DATA	4.2	2.8	0.000
Row	LXE_PC_INI	4.0	2.7	0.013
Row	RSTSODSREQUESTPG	3.6	2.4	0.090
Row	DD08T	3.6	2.4	0.113
Row	SRT_SA_APPL	3.6	2.4	0.000
Row	LTDX	3.4	2.3	0.001
Row	RSZCALC	3.3	2.2	0.045
Row	RSBMLOG	3.3	2.2	0.216
Row	RSZCOMPDIR	3.2	2.2	0.030
Row	RSTSODSFIELD	3.2	2.1	0.050
Row	BDSCONT3	3.2	2.1	0.001
Row	RSXCLSDATA	2.9	1.9	0.000
Row	DDLOG	2.9	1.9	0.005
Row	SOTR_TEXTU	2.9	1.9	0.011
Row	RSBKDATAPAKSEL	2.9	1.9	0.086
Row	RSMIME	2.8	1.9	0.010
Row	HRSCONT	2.7	1.8	0.003
Row	EUFUNC	2.6	1.7	0.001
Row	ABAPDOCU_BUFF	2.6	1.7	0.001
Row	CWENTDATA	2.6	1.7	0.001
Row	RSZWMITEMDATA	2.6	1.7	0.001
Row	ALPERFDB	2.4	1.6	0.001
Row	RSZWBITEMDATA	2.4	1.6	0.000
Row	DD08L	2.4	1.6	0.065
Row	DD01L	2.4	1.6	0.036
Row	RSTT_TDATA	2.3	1.5	0.000
Row	USH04	2.2	1.5	0.037
Row	RSDFTMODDOCU	1.9	1.3	0.000
Row	RSLDPACCESSSH	1.9	1.3	0.004
Row	DD09L	1.9	1.2	0.042
Row	ALMONISETS	1.8	1.2	0.001
Row	CSMBK_TK	1.8	1.2	0.001
Row	FPINTERFACE	1.8	1.2	0.000
Row	VEPENDPOINT	1.8	1.2	0.000
Row	DDLOADD	1.7	1.2	0.023
Row	ECSCR_DATA	1.7	1.1	0.021
Row	RSDSACCESSATTR	1.6	1.1	0.003
Row	DD25T	1.5	1.0	0.029
Row	DD07L	1.5	1.0	0.059
Row	DD32S	1.5	1.0	0.024
Row	DD12T	1.5	1.0	0.032
Row	DD36S	1.4	0.9	0.030
Row	ENHLOG	1.4	0.9	0.002
Row	USR12	1.4	0.9	0.012
Row	WDY_VIEW	1.3	0.9	0.012
Row	SMODISRCI	1.2	0.8	0.000
Row	RSBATCHLOGSTAT	1.2	0.8	0.035
Row	RSBATCHCTRL_PAR	1.2	0.8	0.011
Row	RSLDPACCESS	1.1	0.8	0.003
Row	D347T	1.1	0.7	0.024
Row	DD17S	1.1	0.7	0.034
Row	ABAPHTML	1.1	0.7	0.000
Row	RSUPDSIMULD	1.1	0.7	0.000
Row	DD33S	1.1	0.7	0.021
Row	WDG_UR_PROPERTY	1.0	0.7	0.013
Row	AQGDB	1.0	0.7	0.000
Row	NRIV	1.0	0.7	0.016
Row	DD26S	1.0	0.7	0.021
Row	BDSCONT16	1.0	0.7	0.000
more	...			

Type	Table Name	ABAP Size [MB]	HANA Size [MB]	rec count [million]
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Col	/BIC/FZIC_OPRHS	19055.3	2722.2	328.060
Col	BALDAT	2584.7	1723.1	4.684
Col	/BIO/AFC_DS0500	4884.7	1629.2	18.528
Col	/BIO/AFC_DS0700	4871.2	1623.7	18.516
Col	/BIC/B0000423000 (C)	12914.1	1614.3	19.806
Col	/BIC/AZ_REPALL00	3682.1	1227.4	18.157
Col	RSBERRORLOG	1794.3	1196.2	21.710
Col	WBCROSSGT	1707.6	1138.4	27.700
Col	/BIC/AZ_DFKKOP00 (W)	6459.7	1076.6	18.163
Col	/BIC/B0001214000 (C)	7387.6	923.5	32.969
Col	/BIC/B0002196000 (C)	5725.5	715.7	18.542
Col	/BIC/B0002198000 (C)	5689.7	711.2	18.617
Col	RSRWBSTORE	867.6	578.4	0.297
Col	/BIC/B0002200000 (P)	6110.3	555.5	18.626
Col	ZBW_MZKCC01A_I	791.1	527.4	13.503
Col	/BIO/FOLSO_C01	3501.8	500.3	30.701
Col	IDOCREL	665.3	443.6	8.203
Col	/BIC/AZ_OP_FA00	1326.1	442.0	13.724
Col	/BIC/B0000856000 (C)	3389.6	423.7	18.246
Col	/BIC/SZC_IDPLAT	476.0	396.6	15.382
Col	SARELROLES	575.7	383.8	8.877
Col	/BIC/B0001742000 (C)	2577.5	322.2	19.229
Col	/BIC/AZ_RM_DOC00	872.9	291.0	6.460
Col	/BIC/AZ_OP_HDR00	818.7	272.9	1.348
Col	/BIC/SZC_TSTAMP	325.4	271.2	15.475
Col	RORQSTFRMS	371.5	247.7	4.216
Col	DBTABLOG	358.4	238.9	2.283
Col	/BIC/PZC_REQNO	280.9	234.1	1.425
Col	/BIC/SZC_LOIOID	279.6	233.0	7.349
Col	/BIC/AZ_MIPRV300	677.1	225.7	3.259
Col	/BIO/FOTCT_C22	1507.9	215.4	11.617
Col	/BIC/SZC_F101	242.4	202.0	8.694
Col	/BIC/AZ_OP_ST00	576.3	192.1	11.665
Col	OCSCMPLOBJ	284.4	189.6	1.284
Col	/BIC/AZ_MIPRV100	561.7	187.2	2.689
Col	/BIC/AZ_MIPRV200	559.6	186.5	2.693
Col	RSREQDPTID	273.8	182.5	2.442
Col	/BIC/B0000103000 (C)	1455.5	181.9	5.211
Col	/BIC/SZC_GUID	217.9	181.6	5.726
Col	E071	259.7	173.1	4.919
Col	BALHDR	255.5	170.3	1.116
Col	RSABAP	252.2	168.1	4.423
Col	RSSTATMANSTATDEL	241.3	160.8	1.258
Col	/BIC/FZIC_MONIT	1081.1	154.4	17.765
Col	/BIC/SZC_LOIOI2	184.9	154.0	4.858
Col	/BIC/SZC_SRMDGC	181.3	151.1	7.348
Col	E071K	226.2	150.8	2.596
Col	/BIC/AZ_OP_D1000	445.0	148.3	7.568
Col	/BIC/AZ_RM_HIE00	428.5	142.8	5.487
Col	RSICPROT	209.6	139.7	1.683
Col	/BIC/AZ_OP_D_500	415.8	138.6	5.151
Col	/BIC/AZ_OP_D1300	404.8	134.9	4.605
Col	/BIC/AZ_REP_EU00	404.6	134.9	1.738
Col	SEOSUBCOTX	195.4	130.3	2.820
Col	/BIC/XZC_REQNO	153.8	128.1	1.410
Col	BTCJOBEPP	177.2	118.1	0.438
Col	/BIC/AZ_MIPRV000	344.9	115.0	1.665
Col	/BIO/FOTCT_C02	765.4	109.3	10.613
Col	SOFFCONT1	161.1	107.4	0.018
Col	/BIC/B0001883000 (C)	813.1	101.6	3.252
Col	/BIC/B0001703000 (C)	801.3	100.2	1.585
Col	/BIO/STCTTIMSTMP	119.2	99.3	5.953
Col	/BIC/AZ_MONI0800	294.6	98.2	1.769
Col	RSDDSTAT	141.0	94.0	0.478
Col	/BIC/B0000478003 (P)	1029.7	93.6	5.219
Col	SEOSUBCODF	139.0	92.6	1.286
Col	/BIC/AZ_OP_D1100	268.0	89.3	4.212
Col	SEOCOMPOTX	124.2	82.8	2.076
Col	/BIC/AZ_MONI0600	244.7	81.6	1.546
Col	/BIC/B0000329000 (P)	894.5	81.3	2.695
Col	/BIC/AZ_MONI0700	233.5	77.8	1.435
Col	/BIC/AZ_OP_D_600	227.2	75.7	3.342
Col	/BIC/AZ_MIPRV800	223.4	74.5	1.180
Col	/BIC/AZ_V0409Q00	222.0	74.0	1.240
Col	/BIO/AFIGL_01400	221.7	73.9	0.788
Col	/BIC/AZ_MIPRV900	213.8	71.3	1.006
Col	RSSTATMANSTATUS	100.8	67.2	0.571
Col	/BIC/AZ_REP_S500	195.0	65.0	0.908
Col	/BIC/AZ_FRVMI300	193.6	64.5	3.781
Col	/BIC/AZ_OP_D1200	186.1	62.0	3.171
Col	/BIC/FZIC_PRVHS	422.0	60.3	8.777
Col	/BIC/B0000478001 (P)	663.1	60.3	3.654
Col	FUNCT	88.2	58.8	1.362
Col	/BIC/B0000195000 (C)	469.0	58.6	2.090
Col	RSTRANSTPMAP	84.5	56.3	1.384
Col	/BIO/AFIGL_00200	168.1	56.0	0.794
Col	/BIC/AZMONI0500	166.9	55.6	0.980
Col	RLDITDONE	80.8	53.9	0.789
Col	/BIC/FZIC_PSCDA	371.0	53.0	6.091
Col	FINB_CONTENT_HIS	77.7	51.8	0.000
Col	/BIC/B0001477000 (C)	408.5	51.1	1.658
Col	/BIC/TZC_REQNO	60.6	50.5	1.189
Col	TODIR	75.7	50.5	1.202
Col	TERT_BLOB	75.4	50.3	0.000
Col	/BIC/B0000338000 (C)	266.3	45.8	3.708

Col	SEOSUBCO	65.6	43.7	1.273
Col	/BIC/AZ_EU_ZAL00 (W)	262.1	43.7	1.731
Col	TSP06	65.3	43.5	1.195
Col	ZEO_BONZ	64.9	43.3	0.013
Col	WBCROSSI	64.5	43.0	1.000
Col	WDY_UI_PROPERTY	63.1	42.1	1.083
Col	/BIC/SZC_REQOP	50.0	41.7	1.954
Col	/BIC/SZC_REQNOC	49.8	41.5	2.037
Col	ZBW_MZKCC01A	62.2	41.5	0.461
Col	STERM_TEXT	61.3	40.9	0.618
Col	/BIC/AZ_KNM2_E00	122.0	40.7	0.319
Col	/BIO/APU_03200	120.1	40.0	0.483
Col	/BIC/AXTAB_X0600	119.5	39.8	0.174
Col	/BIC/AZ_V040900	118.9	39.6	0.861
Col	/BIC/B0002111000 (P)	425.7	38.7	1.587
Col	AGR_HIERT	57.3	38.2	1.110
Col	/BIC/AXTAB14_N00	112.7	37.6	0.239
Col	/BIC/B0001943000 (P)	409.8	37.3	3.148
Col	RSMONICTAB	55.0	36.6	0.527
Col	/BIC/B0001030000 (C)	292.8	36.6	0.475
Col	/BIC/B0000726000 (P)	402.4	36.6	1.736
Col	/BIC/AXTAB13_N00	109.5	36.5	0.227
Col	COV_GENDATA	54.6	36.4	0.101
Col	RSMONPC	53.8	35.9	0.441
Col	/BIC/SZC_PUDDIL	42.8	35.7	2.023
Col	RSODSACTUPDTTYPE	53.1	35.4	0.811
Col	/BIC/P2C_REGNUM	42.3	35.3	0.144
Col	/BIC/AXTAB14_L00	104.4	34.8	0.227
Col	DOKHL	52.1	34.8	0.725
Col	/BIC/SZC_LOIOI1	41.7	34.7	1.095
Col	/BIC/B0002134000 (C)	277.4	34.7	0.849
Col	/BIC/AXTAB13_L00	103.7	34.6	0.225
Col	/BIC/B0000706000 (C)	276.1	34.5	0.512
Col	/BIC/AZ_REQ_DP00	103.5	34.5	0.894
Col	/BIC/FZIC_OPR14	240.4	34.3	2.936
Col	/BIC/B0001088000 (C)	270.6	33.8	1.172
Col	/BIO/STCTSTEPUID	39.5	32.9	1.274
Col	/BIO/PBPARTNER	39.3	32.7	0.154
Col	SCPRSVALS	49.0	32.6	0.859
Col	RSPCINSTANCET	48.2	32.1	0.588
Col	RSIDOCSAVE	47.7	31.8	0.529
Col	/BIC/AXTAB0500	95.2	31.7	0.144
Col	/BIC/B0001291000 (C)	250.2	31.3	0.997
Col	/BIC/B0000281000 (P)	343.8	31.3	1.173
Col	/BIC/SZC_SUBJ	37.4	31.2	0.812
Col	/BIC/AZ_KNM_E00	93.5	31.2	0.327
Col	/BIO/SREQUID	37.3	31.0	1.090
Col	/BIO/FOTCT_C23	217.3	31.0	1.948
Col	/BIC/AZ_KNM00	92.5	30.8	0.464
Col	/BIC/B0000421000 (C)	242.6	30.3	2.009
Col	/BIC/B0000202000 (C)	236.3	29.5	0.908
Col	/BIC/AZ_ZPREDH00	86.6	28.9	0.973
Col	/BIC/FZIC_OPR09	202.0	28.9	2.062
Col	/BIC/AXTAB12_N00	86.6	28.9	0.186
Col	STERM_LINK	43.1	28.7	0.619
Col	/BIC/SZC_OPBEL	34.3	28.6	1.904
Col	/BIC/SZC_RMREQ	34.0	28.3	1.504
Col	RSMPTXTS	42.5	28.3	1.067
Col	RSMONRQTAB	42.2	28.2	0.447
Col	/BIC/FZIC_OPR10	196.3	28.0	2.005
Col	/BIC/SZC_REQNO	33.2	27.7	1.429
Col	/BIC/XZC_REGNUM	32.8	27.3	0.146
Col	/BIC/AXTAB12_L00	81.8	27.3	0.175
Col	RSR_REL_TIME_FIS	40.8	27.2	0.926
Col	/BIC/AZ_PF_DP00 (W)	161.0	26.8	1.130
Col	/BIC/SZC_ID_ZV	32.1	26.8	1.598
Col	RSBKREQUEST	40.1	26.7	0.295
Col	WDR_MIME_FILE	40.0	26.7	0.008
Col	/BIC/FZIC_PSC12	186.6	26.7	3.061
Col	SEOCOMPO	39.9	26.6	1.007
Col	/BIC/AZ_PRV_S00	79.2	26.4	0.983
Col	/BIC/AXTAB1000	78.4	26.1	0.154
Col	/BIC/AZ_CC_200	77.8	25.9	0.310
Col	/BIC/FZIC_OPR06	180.8	25.8	1.938
Col	/BIC/B0002108000 (C)	205.9	25.7	0.802
Col	/BIC/FZIC_OPR08	178.7	25.5	1.820
Col	RSDDSTATWHM	38.1	25.4	0.386
Col	/BIC/AXTAB0800	75.4	25.1	0.104
Col	/BIC/B0000902000 (C)	200.3	25.0	1.571
Col	RSENGSTACK	37.4	24.9	0.331
Col	/BIC/FZIC_OPR12	173.3	24.8	2.106
Col	FUPARAREF	36.5	24.4	0.737
Col	/BIC/AXTAB11_T00	72.6	24.2	0.145
Col	/BIC/B0001689000 (C)	192.8	24.1	0.360
Col	RSTRANFIELD	36.1	24.1	0.565
Col	/BIC/B0001794000 (C)	185.7	23.2	0.352
Col	/BIC/AXTAB1100	69.5	23.2	0.143
Col	/BIC/AZ_MLV_100	69.2	23.1	0.390
Col	/BIC/AXTAB1200	68.6	22.9	0.134
Col	TMDIR	34.1	22.7	0.685
Col	/BIC/AXTAB0700	67.0	22.3	0.095
Col	/BIC/AXTAB0900	66.5	22.2	0.122
Col	/BIO/XBPARTNER	26.6	22.1	0.155
Col	/BIC/FZIC_PSC09	154.8	22.1	2.543
Col	T100	33.0	22.0	0.598

Col	/BIC/SZC_ROWNT	26.3	21.9	0.728
Col	/BIC/AZ_DFK_VR00	65.4	21.8	0.263
Col	CROSS	32.3	21.6	0.878
Col	/BIC/B0001635000 (C)	167.6	21.0	0.325
Col	/BIC/AZ_MONIT00	62.6	20.9	0.396
Col	/BIC/B0000250000 (P)	225.8	20.5	1.055
Col	/BIC/SZC_REQREF	24.6	20.5	1.134
Col	/BIC/SZC_ROZH	24.5	20.4	1.002
Col	/BIC/FZIC_OPR05	137.4	19.6	1.468
Col	/BIC/AZ_MLKVOT00	58.4	19.5	0.291
Col	/BIO/F0BWTC_C02	131.5	18.8	0.478
Col	/BIC/FZIC_OPR13	131.5	18.8	1.599
Col	SOTR_TEXT	28.0	18.7	0.252
Col	/BIC/AZ_KNM200	55.8	18.6	0.176
Col	/BIC/AZ_PRV_I00	55.1	18.4	0.288
Col	/BIC/B0001130000 (P)	201.9	18.4	1.757
Col	/BIC/B0001838000 (C)	144.5	18.1	0.494
Col	/BIC/FZIC_PSC11	124.6	17.8	2.045
Col	/SSF/PTAB	30.1	17.7	0.069
Col	/BIC/SZC_F300	21.1	17.6	0.915
Col	/BIC/FZIC_PSC08	121.8	17.4	1.998
Col	/BIC/B0002103000 (C)	138.3	17.3	0.325
Col	/BIC/SZC_PAYNO	20.5	17.1	0.894
Col	/BIO/STCTREQSID	20.2	16.8	0.805
Col	/BIC/B0001409000 (C)	134.0	16.7	0.242
Col	/BIC/B0001578000 (C)	133.9	16.7	0.237
Col	/BIC/B0001227000 (C)	133.5	16.7	0.234
Col	GLOSSARY2	24.5	16.4	0.306
Col	WDY_UI_ELEMENT	24.4	16.2	0.181
Col	TPLOG	24.4	16.2	0.190
Col	/BIC/FZIC_OPR11	110.6	15.8	1.348
Col	D021T	23.7	15.8	0.485
Col	/BIC/AZ_REQ_DS00	46.5	15.5	1.118
Col	/BIC/B0001797000 (C)	122.3	15.3	0.244
Col	/BIC/PZC_IDNUMB	18.3	15.3	0.144
Col	/BIC/FZIC_OPR07	106.4	15.2	1.131
Col	/BIC/AZ_VKD_0900	44.4	14.8	0.152
Col	/BIC/B0001177000 (P)	155.5	14.1	1.006
Col	/BIC/SZC_KNMET	16.9	14.1	0.258
Col	/BIC/B0000634000 (C)	112.4	14.1	0.461
Col	/BIC/AZ_DMS_UF00	42.1	14.0	0.168
Col	DDMTF_SAV	21.0	14.0	0.318
Col	RSABAPINV	20.9	14.0	0.370
Col	/BIC/B0000640000 (C)	111.2	13.9	0.325
Col	/BIC/AZ_VR_ZAL00	41.7	13.9	0.255
Col	WDY_CTX_ATTRIB	20.4	13.6	0.165
Col	RSZELTPROP	20.3	13.6	0.273
Col	/BIC/B0000393000 (C)	108.2	13.5	0.647
Col	/BIC/AZ_MLDOD00	40.4	13.5	0.323
Col	/BIC/B0000333000 (C)	107.0	13.4	0.435
Col	/BIC/SZC_AUGBL	16.0	13.3	0.887
Col	/BIC/FZIC_PSC06	92.8	13.3	1.520
Col	RSSTATMANREQMAP	19.3	12.8	0.190
Col	/BIC/B0001840000 (P)	140.9	12.8	0.498
Col	/BIO/STCTSTAUID	15.4	12.8	0.495
Col	RSUPDKEY	19.0	12.7	0.349
Col	/BIC/FZIC_PSC07	87.9	12.6	1.441
Col	/BIC/FZIC_EUREP	87.8	12.5	1.682
Col	/BIC/B0000600000 (C)	100.0	12.5	1.080
Col	/BIC/B0000863000 (C)	98.8	12.3	0.593
Col	/BIC/B0001662000 (C)	98.4	12.3	0.192
Col	/BIC/AZ_PRV_B00	36.8	12.3	0.491
Col	/BIO/TTCTBWOBUCT	14.7	12.2	0.216
Col	/BIC/FZIC_OPREP	83.6	11.9	0.983
Col	BDSCONT17	17.9	11.9	0.006
Col	/BIC/B0002105000 (P)	130.8	11.9	0.325
Col	/BIC/B0000455000 (P)	130.6	11.9	0.177
Col	/BIC/B0001491000 (C)	94.7	11.8	0.345
Col	/BIC/FZIC_PSC05	82.8	11.8	1.455
Col	STERM_HEAD	17.4	11.6	0.182
Col	/BIC/B0000766000 (C)	91.5	11.4	0.368
Col	/BIC/B0001507000 (C)	91.1	11.4	0.306
Col	/BIC/SZC_ORAGL	13.3	11.1	0.474
Col	/BIC/B0000412000 (C)	87.2	10.9	0.388
Col	/BIC/FZIC_PSCD	75.6	10.8	1.243
Col	/BIC/AZ_LPIS1300 (W)	63.9	10.7	0.558
Col	/BIC/B0000460000 (C)	84.5	10.6	0.309
Col	TMSALOGAR	15.7	10.4	0.099
Col	ZBW_OTAZKY_TEXTY	15.7	10.4	0.081
Col	/BIC/SZC_IDML	12.5	10.4	0.445
Col	/BIC/AZ_LPIS1200 (W)	62.4	10.4	0.540
Col	RSODSO_LOGGUID	15.5	10.4	0.349
Col	/BIC/B0000429000 (C)	82.6	10.3	0.950
Col	/BIC/AZ_SS_ODL00	30.6	10.2	0.178
Col	/BIC/AZ_LPIS1100 (W)	60.6	10.1	0.525
Col	/BIO/SBILL_NUM	12.1	10.1	0.754
Col	/BIC/AZ_LPIS1000 (W)	60.3	10.0	0.516
Col	/BIC/B0000334000 (P)	110.4	10.0	0.515
Col	/BIC/B0000727000 (C)	80.0	10.0	0.105
Col	/BIC/AZ_PRV_H00	29.9	10.0	0.061
Col	SRT_CFG_LOG_ITEM	14.8	9.9	0.098
Col	/BIC/AZ_LPIS0900 (W)	58.5	9.8	0.501
Col	/BIC/B0001626000 (C)	77.5	9.7	0.143
Col	/BIC/AZ_PFDK_D00	28.8	9.6	0.332

Col	SCPRSKEYS	14.3	9.5	0.196
Col	/BIC/B0001053000 (C)	76.1	9.5	0.260
Col	/BIC/AZ_LPIS0800 (W)	56.8	9.5	0.486
Col	/BIC/FZIC_OPR_H	66.1	9.4	1.255
Col	WDY_CTLR_COMPOT	14.1	9.4	0.179
Col	STERM_REF	14.0	9.3	0.125
Col	UGMDTRANS	14.0	9.3	0.005
Col	SOTR_HEAD	14.0	9.3	0.113
Col	/BIC/B0000629000 (C)	74.1	9.3	0.099
Col	/BIO/SPSTNG_SEQ	11.0	9.2	0.499
Col	RSTRANRULE	13.3	8.9	0.260
Col	RSDEL DONE	13.2	8.8	0.276
Col	OCSPATNTCI	13.2	8.8	0.187
Col	/BIO/PTCTBWOBJSCT	10.5	8.8	0.127
Col	/BIC/XZC_IDNUMB	10.5	8.8	0.143
Col	/BIC/SZC_CISJE	10.5	8.7	0.452
Col	RSNIEFOLTTMP	13.1	8.7	0.118
Col	RSTRANRULESTEP	12.6	8.4	0.299
Col	/BIO/XTCTBWOBJSCT	10.1	8.4	0.127
Col	STXH	12.6	8.4	0.118
Col	/BIC/AZ_LPIS0500	25.0	8.3	0.517
Col	/BIC/AZ_MIPRV700	24.7	8.2	0.196
Col	RSEVENTPCPROT	12.3	8.2	0.075
Col	CWBNTCONT	12.0	8.0	0.456
Col	/BIC/B0000288000 (C)	64.0	8.0	0.387
Col	/BIC/B0002102000 (C)	62.9	7.9	0.175
Col	/BIO/STCTNAVUID	9.4	7.8	0.303
Col	RSOHTMLLINKS	11.5	7.6	0.073
Col	/BIC/AZ_LPIS0600	22.9	7.6	0.479
Col	/BIO/FOFC_C09	53.3	7.6	1.290
Col	/BIC/B0001367000 (C)	60.3	7.5	0.505
Col	/BIC/SZC_TXT	9.0	7.5	0.349
Col	/BIC/B0002125000 (C)	59.9	7.5	0.208
Col	/BIC/AZ_OP_D0900	22.4	7.5	0.194
Col	/BIC/AZ_BPART00	22.3	7.4	0.119
Col	/BIC/FZIC_OPPRV	50.7	7.2	0.285
Col	/BIC/AZ_FF_MET00	21.6	7.2	0.096
Col	MSSSOURCE	10.8	7.2	0.196
Col	/BIC/AZ_OR_EK00	21.3	7.1	0.456
Col	TMENU01T	10.7	7.1	0.192
Col	RSSELDTP	10.6	7.1	0.276
Col	/BIC/AZ_FPP00	21.2	7.1	0.321
Col	RSZELTDIR	10.4	7.0	0.282
Col	/BIC/B0001643000 (C)	55.6	7.0	0.266
Col	RSDDSTATAGGR	10.2	6.8	0.077
Col	SCPRVALS	10.2	6.8	0.200
Col	/BIO/QASSET	8.1	6.8	0.085
Col	/BIO/YASSET	8.0	6.6	0.085
Col	/BIC/SZC_REQAEQ	7.9	6.6	0.326
Col	SEOCASSTX	9.9	6.6	0.189
Col	RSTRANSTEPMOVE	9.8	6.6	0.223
Col	RSBKREQUESTRUN	9.6	6.4	0.291
Col	/BIC/AZ_OR_EK200	19.2	6.4	0.448
Col	RSDSSEGFDH	9.5	6.4	0.113
Col	/BIC/B0001118000 (C)	50.8	6.4	0.151
Col	RSNIENODETMP	9.5	6.3	0.092
Col	TFTIT	9.5	6.3	0.171
Col	/BIO/FOBWT_C05	43.8	6.3	0.737
Col	/BIC/AZ_LPIS00	18.6	6.2	0.460
Col	/BIC/AXTAB_TMZ00	18.4	6.1	0.028
Col	/BIC/AXTAB_TMP00	18.3	6.1	0.028
Col	SCPRSRECA	9.1	6.1	0.152
Col	/BIO/STCTSESUID	7.2	6.0	0.233
Col	/BIO/SPSM_AWKEY	7.2	6.0	0.293
Col	TRDIRT	8.9	6.0	0.192
Col	/BIC/SZC_VSYMB	7.1	6.0	0.446
Col	/BIO/SALLOD_NMBR	7.1	6.0	0.382
Col	RSAROUT	8.9	5.9	0.149
Col	/BIC/B0001180000 (C)	47.2	5.9	0.291
Col	SWDSTEXT	8.7	5.8	0.172
Col	/BIC/B0000591000 (P)	63.8	5.8	0.958
Col	/BIC/FZIC_MLKV1	39.9	5.7	0.389
Col	RSTT_CALLSTACK	8.5	5.7	0.000
Col	SPERS_OBJ	8.5	5.6	0.115
Col	D020T	8.4	5.6	0.157
Col	/BIC/AZ_OP_SAN00	16.6	5.5	0.297
Col	/BIC/SZC_KNMET2	6.6	5.5	0.117
Col	RSRULE DONE	8.2	5.5	0.128
Col	TCPUATTR	8.1	5.4	0.246
Col	/BIO/PASSET	6.5	5.4	0.038
Col	/BIC/B0000675000 (C)	42.6	5.3	0.323
Col	/BIC/AZ_OP_ZPB00	16.0	5.3	0.331
Col	FINB_CONTENT_REF	7.9	5.3	0.000
Col	WDY_CTLR_PARAM	7.9	5.2	0.085
Col	/BIC/AZ_OP_LES00	15.7	5.2	0.102
Col	/BIC/B0001453000 (C)	41.8	5.2	0.183
Col	/BIC/AZ_KVAL0100	15.4	5.1	0.052
Col	/BIC/B0000275000 (P)	56.4	5.1	0.605
Col	/BIC/SZC_CFAKT2	6.0	5.0	0.234
Col	/BIO/TBPARTNER	6.0	5.0	0.119
Col	CO2MAP	7.4	5.0	0.372
Col	/BIC/SZC_TMSTP	5.9	4.9	0.280
Col	SOST	7.3	4.9	0.054
Col	/BIC/B0000858000 (C)	38.7	4.8	0.178

Co1	RSTRANROUTMAP	7.1	4.7	0.093
Co1	/BIO/TASSET_AFAB	5.7	4.7	0.116
Co1	SCPRSVALL	7.1	4.7	0.117
Co1	GLOSSARY1	7.0	4.6	0.051
Co1	/BIC/B0002126000 (P)	50.8	4.6	0.186
Co1	/BIC/AZ_OP_D_300	13.8	4.6	0.174
Co1	RSECLOG	6.8	4.6	0.010
Co1	EDID3	6.8	4.5	0.054
Co1	/BIC/B0000678000 (C)	35.7	4.5	0.323
Co1	/BIC/AZ_OP_D_100	13.4	4.5	0.221
Co1	SOOD	6.6	4.4	0.026
Co1	DBABL	6.5	4.4	0.029
Co1	/BIC/AZ_PRV_AK00	13.0	4.3	0.048
Co1	DBAOBJL	6.5	4.3	0.030
Co1	/BIO/F0FIGL_C01	29.9	4.3	0.815
Co1	/BIC/B0001902000 (P)	46.9	4.3	0.158
Co1	TFDIR	6.3	4.2	0.106
Co1	/BIC/AZ_CEDR00	12.6	4.2	0.072
Co1	/BIO/SAC_DOC_NO	5.0	4.1	0.310
Co1	HLPTXT	6.2	4.1	0.085
Co1	RSDIOBJT	6.2	4.1	0.116
Co1	AGR_1251	6.1	4.1	0.089
Co1	/BIC/B0000917001 (P)	44.6	4.1	0.557
Co1	SRT_CFG_LOG_HDR	6.0	4.0	0.097
Co1	DFTNODE01T	6.0	4.0	0.067
Co1	/BIC/P2C_F200	4.8	4.0	0.050
Co1	DSYAT	5.9	3.9	0.093
Co1	TCPSPPTS	5.9	3.9	0.346
Co1	/BIO/SAC_DOC_NR	4.7	3.9	0.292
Co1	/BIO/AFIAP_00300	11.6	3.9	0.046
Co1	RSICCONT	5.8	3.9	0.110
Co1	ECSCLINE	5.8	3.9	0.102
Co1	/BIC/AZ_PRV_MI00	11.5	3.8	0.035
Co1	RSFEC	5.8	3.8	0.054
Co1	/BIC/AZ_FINPL00	11.3	3.8	0.030
Co1	/BIC/SZC_REGNUM	4.5	3.7	0.145
Co1	/BIC/AZ_STATPP00	11.2	3.7	0.057
Co1	RSAROUTT	5.6	3.7	0.164
Co1	SEOCCLASSDF	5.6	3.7	0.083
Co1	/BIO/STCTBWBJCT	4.5	3.7	0.127
Co1	SOOS	5.6	3.7	0.028
Co1	SEOMETAREL	5.6	3.7	0.078
Co1	BCST_SR	5.6	3.7	0.018
Co1	RSENQSM21PROT	5.5	3.7	0.032
Co1	GENSETM	5.5	3.7	0.111
Co1	/BIC/SZC_F301	4.4	3.7	0.187
Co1	RSTRFIELDH	5.5	3.6	0.076
Co1	/BIC/AZ_PRVQ100	10.9	3.6	0.062
Co1	RSR_REL_TIME	5.4	3.6	0.077
Co1	/BIC/B0000478002 (P)	39.6	3.6	0.201
Co1	/BIC/B0000298000 (P)	39.5	3.6	0.164
Co1	BDSCONT15	5.4	3.6	0.002
Co1	ECTD_TEXT	5.4	3.6	0.072
Co1	/BIC/AZ_KFRP00	10.5	3.5	0.050
Co1	RSOLTPSOURCEFIET	5.2	3.5	0.066
Co1	/BIC/B0000366000 (C)	27.9	3.5	0.083
Co1	SEOREDEF	5.2	3.5	0.078
Co1	STXFOBJT	5.1	3.4	0.119
Co1	DOKID	5.1	3.4	0.225
Co1	SMIMPHIO	5.1	3.4	0.033
Co1	RSZELTPRIO	5.0	3.4	0.049
Co1	/BIC/AZ_PRV_RP00	10.1	3.4	0.038
Co1	SNAPT	4.9	3.3	0.077
Co1	BDLSADATA	4.9	3.3	0.076
Co1	/BIC/SZC_IDNUMB	3.9	3.2	0.144
Co1	/BIC/I2C_REGNUM	3.9	3.2	0.144
Co1	BALM	4.8	3.2	0.054
Co1	/BIC/AZ_OP_D_200	9.7	3.2	0.156
Co1	UPBX	4.8	3.2	0.001
Co1	/BIO/XASSET	3.8	3.2	0.039
Co1	RSCUBEDATA	4.7	3.2	0.016
Co1	WDY_UI_CTX_BIND	4.7	3.1	0.060
Co1	TPALOG	4.7	3.1	0.062
Co1	UPC_OPTIONS	4.7	3.1	0.091
Co1	ENLFDIR	4.7	3.1	0.106
Co1	/BIO/IDATE	3.7	3.1	0.136
Co1	RSKSFIELD	4.6	3.1	0.060
Co1	/BIC/AZ_KOREK00	9.2	3.1	0.045
Co1	/BIO/TASSET	3.6	3.0	0.077
Co1	SMIMLOIO	4.5	3.0	0.036
Co1	SOTR_USE	4.5	3.0	0.065
Co1	USR13	4.5	3.0	0.072
Co1	/BIC/XZC_OPRNR3	3.6	3.0	0.011
Co1	RSZWVIEW	4.5	3.0	0.039
Co1	D020S	4.5	3.0	0.070
Co1	/BIO/SREF_DOC_NO	3.5	3.0	0.204
Co1	/BIC/SZC_ALTD0C	3.5	3.0	0.154
Co1	/BIC/P2C_SNLIN	3.5	3.0	0.025
Co1	/BIC/SZC_KNMET3	3.5	2.9	0.067
Co1	/BIC/P2C_OPRNR3	3.4	2.9	0.011
Co1	/BIC/I2C_STFKNM	3.4	2.8	0.126
Co1	TNODEIMGT	4.3	2.8	0.049
Co1	/BIC/AZ_SRMZP00	8.5	2.8	0.070
Co1	/BIC/AZ_MIDP0900	8.5	2.8	0.018
Co1	REP_HTPP	8.2	2.8	0.048

Col	/BIC/SZC_TXTLG	3.3	2.8	0.103
Col	UAB_FXML	4.1	2.8	0.002
Col	/BIC/B0000298001 (P)	30.4	2.8	0.131
Col	SMIMPHF	4.1	2.7	0.033
Col	SOES	4.1	2.7	0.026
Col	SDBAD	4.1	2.7	0.031
Col	SWDSMNODES	4.1	2.7	0.048
Col	/BIO/XCACONT_ACC	3.3	2.7	0.112
Col	CATF	4.0	2.7	0.055
Col	E071KF	4.0	2.7	0.086
Col	T100U	4.0	2.7	0.182
Col	/BIC/XZC_FKNMRE	3.2	2.6	0.032
Col	/BIC/SZC_F201	3.1	2.6	0.134
Col	TNODE01T	3.9	2.6	0.050
Col	/BIC/XZC_F200	3.1	2.6	0.050
Col	CSMBK	3.8	2.5	0.034
Col	ESH_OM_CDATATYFT	3.8	2.5	0.041
Col	/BIO/TCO_REPLINE	3.0	2.5	0.048
Col	SRTVOCCUR	3.7	2.5	0.153
Col	/BIC/B0000184000 (C)	19.9	2.5	0.100
Col	/BIC/B0000495000 (P)	27.4	2.5	0.234
Col	/BIC/FZIC_PSC13	17.4	2.5	0.282
Col	DSYAD	3.7	2.5	0.054
Col	/BIC/AZ_ZOK00	7.4	2.5	0.035
Col	/BIC/B0002153000 (C)	19.6	2.5	0.065
Col	/BIO/SFM_DOC_NO	2.9	2.4	0.183
Col	FINB_CONFIG_XMLS	3.7	2.4	0.000
Col	WDY_CTX_NODE	3.7	2.4	0.036
Col	/BIC/AZ_USR00 (W)	14.4	2.4	0.141
Col	/BIC/B0002104000 (P)	26.4	2.4	0.097
Col	/BIO/AFC_DS0600	7.0	2.3	0.038
Col	E070A	3.5	2.3	0.077
Col	BMTNODE01T	3.5	2.3	0.044
Col	/BIC/AZ_OPADM00	7.0	2.3	0.018
Col	/BIO/PASSET_AFAB	2.8	2.3	0.039
Col	RSTRRULESSH	3.4	2.3	0.068
Col	RSDSSEGFDI	3.4	2.3	0.040
Col	IFOBJS�SHORT	3.4	2.3	0.084
Col	/SDF/CD_CCONNECT	3.8	2.3	0.002
Col	DDMTT_SAV	3.4	2.3	0.034
Col	RSDDIMEIOBJ	3.4	2.2	0.098
Col	SEOCCLASS	3.4	2.2	0.084
Col	SQADB01T	3.3	2.2	0.031
Col	ZPF_SEZPRIJD	3.3	2.2	0.029
Col	/BIO/SBPARTNER	2.6	2.2	0.155
Col	RSDCUBEIOBJ	3.3	2.2	0.131
Col	/BIC/HZC_STFKNM	2.6	2.2	0.033
Col	ESH_OM_CDPVDF	3.3	2.2	0.017
Col	CWBNTCI	3.3	2.2	0.081
Col	/BIO/SBP_GUID	2.6	2.2	0.069
Col	/BIC/FZIC_HPH	15.2	2.2	0.460
Col	/BIC/SZC_F202A	2.6	2.2	0.126
Col	RSXAOBJECTS	3.2	2.1	0.000
Col	/BIC/B0001281000 (C)	16.9	2.1	0.034
Col	/BIC/SZC_NPROJ	2.5	2.1	0.053
Col	CWBCIFIXED	3.1	2.1	0.081
Col	USOBX	3.1	2.1	0.079
Col	DF03T	3.1	2.1	0.038
Col	USRBF2	3.1	2.0	0.097
Col	/BIO/XASSET_AFAB	2.4	2.0	0.039
Col	USOBX_C	3.0	2.0	0.076
Col	RSOSFIELDMA	3.0	2.0	0.073
Col	RSOLTPSOURCEFIE	3.0	2.0	0.035
Col	RSPCABAPASYN	3.0	2.0	0.036
Col	/BIO/PTCTUSERNM	2.4	2.0	0.042
Col	/BIC/FZIC_PV01	13.6	1.9	0.128
Col	/BIC/B0001050000 (C)	15.6	1.9	0.071
Col	/BIC/FZIC_MKVOT	13.6	1.9	0.296
Col	HRS1002	2.9	1.9	0.038
Col	UMGPMIG	2.9	1.9	0.021
Col	SEOIMPLREL	2.9	1.9	0.052
Col	/BIC/AZPRVMI3B00	5.8	1.9	0.060
Col	/BIO/F0FC_C07	13.4	1.9	0.242
Col	/BIC/B0001377000 (C)	15.3	1.9	0.049
Col	RSODSACTREQ	2.8	1.9	0.030
Col	SOFD	2.8	1.8	0.019
Col	RSDSSEGFDISH	2.7	1.8	0.037
Col	AGR_BUFFI	2.7	1.8	0.024
Col	RSDODSOIOBJ	2.7	1.8	0.074
Col	/BIC/AZ_ZPRED00	5.4	1.8	0.067
Col	RSTRAN	2.7	1.8	0.017
Col	/BIC/AZ_STPP_C00	5.4	1.8	0.027
Col	/BIO/SCACONT_ACC	2.1	1.8	0.113
Col	DSYAS	2.7	1.8	0.070
Col	IWREFERENC	2.6	1.8	0.020
Col	TNODE02R	2.6	1.8	0.037
Col	RKSFIELDNEW	2.6	1.7	0.032
Col	RSTSFIELD	2.6	1.7	0.035
Col	/BIC/SZC_ICO	2.1	1.7	0.119
Col	/BIC/B0001758000 (C)	13.8	1.7	0.057
Col	SWSDSTEPS	2.6	1.7	0.040
Col	RSDDIMET	2.6	1.7	0.062
Col	RSDICMULTIIOBJ	2.6	1.7	0.063
Col	T022D	2.5	1.7	0.072
Col	SWNC_TCOLL_LOG	2.5	1.7	0.022

Col	CWBCIHEAD	2.5	1.7	0.080
Col	RSRREPDIR	2.5	1.7	0.014
Col	SEOTYPEPLS	2.5	1.7	0.047
Col	/BIO/YEMPLOYEE	2.0	1.7	0.014
Col	AGR_FLAGS	2.5	1.7	0.036
Col	/BIC/B0000823000 (C)	13.1	1.6	0.035
Col	RSOLTPSOURCET	2.4	1.6	0.027
Col	/BIC/B0000205000 (C)	12.9	1.6	0.031
Col	RSDIOBJ	2.4	1.6	0.043
Col	/BIO/QEMPLOYEE	1.9	1.6	0.014
Col	ESH_OM_CDATATY	2.4	1.6	0.015
Col	/BIC/B0000737000 (C)	12.7	1.6	0.050
Col	RORQSTATTR	2.4	1.6	0.079
Col	/BIC/B0002112000 (P)	17.4	1.6	0.175
Col	RSOSFIELDMAPSH	2.3	1.6	0.069
Col	SMIMLOPR	2.3	1.6	0.035
Col	WDY_CONFIG_COMPT	2.3	1.6	0.059
Col	/BIC/SZC_OBJID	1.9	1.6	0.116
Col	/BIC/PZC_FKNMRE	1.9	1.6	0.033
Col	RSO_CNT_STATE_D	2.3	1.5	0.082
Col	RSTRANRULET	2.3	1.5	0.037
Col	/BIC/SZC_BANKN	1.8	1.5	0.099
Col	ADRVF	2.3	1.5	0.029
Col	/BIC/FZIC_FKNM2	10.8	1.5	0.175
Col	/BIC/SZC_200A	1.8	1.5	0.114
Col	/BIC/SZC_F102	1.8	1.5	0.060
Col	/BIC/PZC_ICO	1.8	1.5	0.120
Col	/BIO/FOFIAA_C01	10.4	1.5	0.115
Col	CDHDR	2.2	1.5	0.036
Col	/BIC/B0001466000 (C)	11.7	1.5	0.038
Col	RSSGTPDIR	2.2	1.5	0.017
Col	/BIC/AZ_VKD_1000	4.4	1.5	0.015
Col	/BIC/B0001526000 (C)	11.7	1.5	0.070
Col	RSCSTRU	2.2	1.4	0.018
Col	/BIC/SZC_F202C	1.7	1.4	0.075
Col	/BIC/AZ_MKV00	4.3	1.4	0.033
Col	RSUPDDAT	2.1	1.4	0.041
Col	/BIO/SDATE	1.7	1.4	0.135
Col	TNODERELNT	2.1	1.4	0.019
Col	CWBCICATTR	2.1	1.4	0.080
Col	PERMISSION	2.1	1.4	0.062
Col	RSMPTRNSL	2.1	1.4	0.108
Col	ECSCR_PAR	2.1	1.4	0.026
Col	/BIC/B0000326000 (C)	11.1	1.4	0.045
Col	BDLSAIF	2.1	1.4	0.033
Col	/BIC/B0001573000 (P)	15.2	1.4	0.209
Col	/BIO/STCTPCLOGID	1.7	1.4	0.053
Col	SMIMLOIOT	2.1	1.4	0.035
Col	/BIC/B0000378000 (C)	11.0	1.4	0.149
Col	/BIC/B0000235000 (P)	15.1	1.4	0.035
Col	/BIO/SDOC_HD_TXT	1.6	1.4	0.085
Col	WDY_CTLR_PARAMT	2.0	1.4	0.024
Col	/BIC/B0001308000 (C)	10.8	1.4	0.043
Col	/BIC/AZ_CC00	4.0	1.3	0.023
Col	/BIC/SZC_REGNU2	1.6	1.3	0.053
Col	SWOTLQ	2.0	1.3	0.014
Col	/BIO/SADDR_LINE0	1.6	1.3	0.082
Col	/BIO/FOPU_C01	9.3	1.3	0.117
Col	/BIC/AZ_MLODB00	4.0	1.3	0.032
Col	/BIO/APU_Q3100	3.9	1.3	0.019
Col	/BIC/B0001266001 (P)	14.3	1.3	0.139
Col	/BIC/SZC_KNMET4	1.6	1.3	0.030
Col	USH02	1.9	1.3	0.019
Col	RSDSSEGF	1.9	1.3	0.022
Col	/BIC/AZ_PFODB00	3.8	1.3	0.030
Col	TNODE02	1.9	1.3	0.010
Col	/BIC/AZ_PRV_HI00	3.7	1.2	0.023
Col	/BIC/SZC_ZLSTNO	1.5	1.2	0.088
Col	/BIC/AZ_PRV_NI00	3.7	1.2	0.031
Col	/BIO/PCACONT_ACC	1.5	1.2	0.113
Col	DBSTATTORA	1.8	1.2	0.042
Col	SMAPPROT	1.8	1.2	0.023
Col	/BIC/SZC_RODCIS	1.4	1.2	0.092
Col	IATNODE01T	1.8	1.2	0.018
Col	/BIC/B0001833000 (P)	13.1	1.2	0.063
Col	/BIC/B0002197000 (C)	9.4	1.2	0.042
Col	/BIO/TASSET_MAIN	1.4	1.2	0.038
Col	CSMBK_OB2	1.8	1.2	0.004
Col	SWDSMLINES	1.7	1.2	0.049
Col	USOBX_CD	1.7	1.2	0.025
Col	/BIC/SZC_F200	1.4	1.2	0.051
Col	/BIC/FZIC_PAVMI	8.0	1.1	0.035
Col	/BIO/TCMMT_ITEM	1.4	1.1	0.014
Col	DFTNODE01	1.7	1.1	0.007
Col	SWOTTQ	1.7	1.1	0.024
Col	RSTSFIELDSH	1.7	1.1	0.023
Col	/BIC/B0001004000 (C)	9.0	1.1	0.072
Col	UST12	1.7	1.1	0.049
Col	UPP_SPREADS	1.7	1.1	0.025
Col	/BIC/B0000461000 (C)	8.9	1.1	0.032
Col	/BIC/FZIC_OPAVR	7.7	1.1	0.157
Col	/BIC/AZ_IPSZ0100	3.3	1.1	0.016
Col	UASE16N_CD_DATA	1.6	1.1	0.001
Col	/BIC/AZ_PFKV00	3.2	1.1	0.033

Col	RSODPHIOTM	1.6	1.1	0.011
Col	RSDST	1.6	1.1	0.017
Col	GLOSSARY3	1.6	1.1	0.028
Col	TLIBT	1.6	1.1	0.039
Col	/BIC/B0000398000 (C)	8.5	1.1	0.062
Col	/BIC/B0002182000 (C)	8.5	1.1	0.060
Col	SCPRVALL	1.6	1.1	0.023
Col	RSLDFIOT	1.6	1.1	0.024
Col	SFPROXSIG	1.6	1.1	0.012
Col	UGMDTRTXT2	1.6	1.0	0.014
Col	RSECVL_CL	1.6	1.0	0.020
Col	ALALERTDB	1.5	1.0	0.004
Col	/BIO/XTCTUSERNM	1.2	1.0	0.043
Col	/BIC/AZ_PFHIS00	3.0	1.0	0.033
Col	TSP06A	1.5	1.0	0.016
Col	SERPT	1.5	1.0	0.047
Col	/BIC/AZ_PRV_DP00	3.0	1.0	0.034
Col	RSPCCHAIN	1.5	1.0	0.012
Col	TCPUC	1.5	1.0	0.245
Col	/BIC/SZC_FKNMRE	1.2	1.0	0.032
Col	/BIO/TCOSTELMNT	1.2	1.0	0.023
Col	AGR_TEXTS	1.4	1.0	0.020
Col	CATP	1.4	1.0	0.033
Col	USOBX_TSTMP	1.4	1.0	0.038
Col	/BIO/FOPUR_C01	6.7	1.0	0.032
Col	BCST_RE	1.4	1.0	0.028
Col	/BIC/AZ_KNM2_I00	2.8	0.9	0.054
Col	DF55T	1.4	0.9	0.016
Col	/BIC/B0001081000 (C)	7.6	0.9	0.017
Col	/BIC/PZC_NABNA	1.1	0.9	0.004
Col	/BIO/STCTUSERNM	1.1	0.9	0.043
Col	/BIC/AZ_MLKVO00	2.8	0.9	0.031
Col	/BIC/AZ_WINCH00	2.8	0.9	0.040
Col	/BIC/AZ_OP_H100	2.8	0.9	0.026
Col	/BIC/SZC_PRIJM	1.1	0.9	0.068
Col	/BIO/SASSET_AFAB	1.1	0.9	0.038
Col	RSZWITEM	1.4	0.9	0.015
Col	SWOTLV	1.4	0.9	0.008
Col	USOBT	1.4	0.9	0.028
Col	RSISFIELDSDH	1.4	0.9	0.019
Col	RSTRANSTPROUT	1.4	0.9	0.020
Col	AIMTRKORR_SHD	1.3	0.9	0.016
Col	/BIC/AZ_OPRPRG00	2.7	0.9	0.005
Col	TDM07	1.3	0.9	0.023
Col	/BIC/AZ_PFDK_H00	2.6	0.9	0.030
Col	/BIC/AZ_TRN_BC00	2.6	0.9	0.012
Col	/BIC/AZEF_TRAN00	2.6	0.9	0.012
Col	SWDSWFCTXT	1.3	0.9	0.021
Col	/BIO/STIME	1.0	0.9	0.087
Col	RSZWBJTXX	1.3	0.9	0.022
Col	/BIO/SASSET	1.0	0.9	0.039
Col	RSDICHAPRO	1.3	0.9	0.039
Col	USOBT_C	1.3	0.9	0.027
Col	SMAPTNODET	1.3	0.9	0.017
Col	ESH_OM_COTYPNF	1.3	0.9	0.006
Col	DSYAX	1.3	0.9	0.025
Col	SWDSBINDEF	1.3	0.9	0.017
Col	CWBNTHEAD	1.3	0.8	0.067
Col	AGR_1250	1.3	0.8	0.020
Col	/BIC/SZC_F301X	1.0	0.8	0.039
Col	RSPLF_SRV_P	1.3	0.8	0.023
Col	HRP1000	1.3	0.8	0.009
Col	/BIC/I2C_FABB	1.0	0.8	0.037
Col	UPC_FORML	1.3	0.8	0.023
Col	TDM03	1.3	0.8	0.015
Col	RSTRULES	1.2	0.8	0.031
Col	SDOKMEP	1.2	0.8	0.028
Col	/BIC/B0002169000 (C)	6.6	0.8	0.027
Col	/BIC/SZC_GUID_D	1.0	0.8	0.026
Col	/BIC/B0000588002 (P)	9.1	0.8	0.065
Col	WDY_CTLR_USAGE	1.2	0.8	0.016
Col	/BIO/SPOSTXT	1.0	0.8	0.038
Col	ALTIDTOOL	1.2	0.8	0.009
Col	IACMU	1.2	0.8	0.017
Col	RSTRULESSH	1.2	0.8	0.023
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Total record count row store:				395.067
Total record count column store:				1335.147