

These release notes pertain to the December 2010 annual release of the CRSP US Stock and Index databases.

NEW INSTALLATION PROGRAM

The stock databases are shipped this month with an upgraded installation package. For Windows subscribers, the screens will have a new look, but the process and outcome will be the same as with previous installs.

Silent installs have been tested and are successful on all platforms. If you are running installs using a response.txt file, this file will need to be modified.

Linux and Solaris users should note a change in how the environment variables are set. Prior installs set environment variables at the session or process-level and program aliases by running crsp.kshrc. New installs will do the following:

- ♦ If the install is run by a non-administrator, the environment variables will be set at the user level, and will be automatically set for this user at all times.
- ♦ If the install is run by an administrator, the environment variables will be set at the system level and available to all users on the system.
- ♦ Running the crsp.kshrc file now only sets up session level alias values.
- ♦ Environment variables will always be set to the latest data installation values as they are overwritten by each new data installation.

If you wish to change the environment variables, a shell script, crsp_setup.sh, can be run to create a "mycrsp.kshrc" file that will set environment variables at the session level. More details about the shell script are included in the "Data Installation" section of these notes.

2010 DATA EDITS

NYSE DATA ISSUE

Due to market events on the afternoon of May 6, 2010, low prices for several hundred securities are potentially erroneous or missing. Securities affected are those trading on NYSE, AMEX, and ARCA. The only data item affected is Low Price. Close, High, Open Closing Bid and Closing Ask data are fine. To-date, we have not been able to confirm accuracy or receive corrections from our data providers. CRSP will be sure to inform our subscribers upon resolution to this outstanding issue.

CITIGROUP VOLUMES

There are four dates where the daily trading volume for Citigroup, PERMNO 70519, Ticker C, exceeds our database's maximum value (2147483648). Instead of inserting a false value into the database, we have listed the volumes for these dates as -99 (missing). The true trading volume values for those dates:

DATE	VOLUME
20090805	2674463281
20091217	3772638437
20091218	2813697156
20101207	3267829406

DECEMBER 2010

GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20091231	20101231	Reviewed and updated 60 securities for shares outstanding values that have not been updated in over a year from 2009-2010.
20091231	20100908	Reviewed and updated 105 securities for shares outstanding values that have not been updated in over a year from 2009-2010.
20101126	20101126	Corrected 98 cases where the closing prices were revised on 20101126

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
90643	ACCURIDE CORP	20081112	20101221	Added zero nameline to reflect off-exchange activity for 20081112-20101221.
84179	C N H GLOBAL N V	20030401	20101130	Changed name from C N H GLOVAL N V to C N H GLOBAL N V
92111	CARE INVESTMENT TRUST INC	20100826	20100826	Added next date of 20100903 and next price of 7.00.
70519	CITIGROUP INC	20091217	20091218	Changed volume to -99 from 2147483296 on 20091217 & 20091218
70519	CITIGROUP INC	20090805	20090805	Changed volume to -99 from 2147483000 on 20090805
79364	EK CHOR CHINA MOTORCYCLE CO LT	20030620	20030623	Changed delist code from 570 to 233 on 20030620 and added delisting distribution of 3.75 on 20030623.
86105	ENTERPRISE OIL PLC	20020626	20020626	Added next date of 20020627 and next price of -33.071.
87032	FLETCHER BUILDING LTD	20020815	20020816	Changed delist code from 551 to 331 on 20020815 and added delisting distribution of 20.63 on 20020816.
88923	FLETCHER BUILDING LTD	20020613	20020614	Changed delist code from 560 to 333 on 20020613 and added delisting distribution of 19.07 on 20020614.
62287	HUNT CORP	20021213	20021214	Changed delist code from 551 to 233 on 20021213 and added delisting distribution of 12.50 on 20021214.
90869	PHARMAXIS LTD	20080731	20080731	Changed closing price to -22.06 from -42.00, closing ask to 24.00 from 74.00 & closing bid to 20.12 from 10.00 on 20080731
90328	QUILMES INDUSTRIAL QUINSA S A	20080211	20080211	Added next date 20080220 and next price -76.20
83727	TELEFONICA DEL PERU SA	20040227	20040227	Changed delist code from 570 to 601 and added delisting distribution of 3.56 on 20040228 on 20040227.
91834	TRIANGLE CAPITAL CORP	20070215	20101229	Sharecode change from 11 to 14 for entire history.

NOVEMBER 2010 DATA EDITS

GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
2004	2008	Reviewed 50 cases where duplicate data appeared in consecutive name history rows during 2004-2008. The duplicate rows were removed.

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
85340	BLACKROCK MUNIHLDS INV QLTY FD	19970929	20101130	Changed sharecode from 14 to 44 throughout entire history
60898	BOWL AMERICA INC	20101015	20101015	Added quarterly distribution with a dividend amount of \$0.155 on ex-date 20101015
38420	CHEMTURA CORP	19620813	20101130	Added zero name line for 20090319-20101110 to reflect off-exchange activity
92475	CHINA CERAMICS CO LTD	20091229	20101102	Added zero namelines for 20091229-20101102 to reflect off-exchange activity
65912	EQUITY INC FD 1ST SER A T & T SH			Changed sharecode from 73 to 74 for entire history

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
89063	KINGSWAY FINANCIAL SERVICES INC	20050311	20050311	Changed distribution code to 1332 from 1232 for distribution on ex-date 20050311
92494	LIBERTY ACQUISITION HLDGS CORP	20071219	20101029	Changed name from LIBERTY ACQUISITION HOLDGS CORP to LIBERTY ACQUISITION HLDGS CORP
89602	NUVEEN INS NY TX FR ADV MUN FD	20021122	20101029	Changed sharecode from 14 to 44
90092	SABRA HEALTHCARE REIT INC			Changed issuno to 67182 from 36839 and compno to 2003151 from 60051390 throughout entire history
79438	SUN HEALTHCARE GROUP INC			Changed compno to 2003151 from 60051390 throughout entire history
88806	UNITEK GLOBAL SERVICES INC	20050919	20101110	Added zero name line for 20010730-20101110 to reflect off-exchange activity
28388	VORNADO INC	19930326	19930326	Added 3-for-2 stock split on ex-date 19930326
11845	W P P PLC	20101006	20101006	Changed dividend amount to 0.48094 from 0.46132 for distribution on ex-date 20101006
86097	WASTE CONNECTIONS INC	20101027	20101027	Changed dividend amount to 0.15 from 0.075 for distribution on ex-date 20101027

OCTOBER 2010 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
87433	BIOTECH HOLDRS TR	20100908	20100908	Added regular distribution with a dividend amount of 0.00461 on ex-date 20100908.
58587	FITCHBURG GAS & ELEC LT CO	19751126	19751126	Changed closing price to -8.75 from -13.75 and added high & low prices of 8.875 & 8.625, respectively, on 19751126
87270	M F S CALIFORNIA MUNICIPAL FUND			Changed sharecode to 44 from 14 throughout entire history
92309	MAIN STREET CAPITAL CORP			Changed sharecode to 14 from 11 throughout entire history
89479	PHARMACEUTICAL HOLDRS TRUST	20100928	20100928	Added special distribution with a dividend amount of 0.1677 on ex-date 20100928.
82107	WESTAMERICA BANCORPORATION	19810810	19810810	Added high price of 14.50 on 19810810
92481	WESTERN LIBERTY BANCORP	20100225	20101028	Added zero name line for 20100225-20101028 to reflect off-exchange activity.

SEPTEMBER 2010 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
89168	CHARTER FINANCIAL CORP	20070130	20100928	Added zero name line for 20070130-20100928 to reflect off-exchange activity.
77427	CHRONIMED INC	20010618	20010621	Removed all price data on 20010618-20010621
84200	CONSOLIDATED FREIGHTWAYS CORP	20020903	20020903	Removed all price data on 20020903
77482	DIGITRAN SYSTEMS INC			Replaced all high price data throughout entire history
85723	FALL RIVER GAS CO	19971212	19971212	Changed closing price to 13.875 from 37.50, high to 13.875 from 38.00, low to 13.625 from 37.50, volume to 2100 from 3300 and added ask, bid & open of 13.9375, 13.75 & 13.75, respectively, on 19971212
67002	MATERIAL SCIENCES CORP	20090325	20100919	Added zero name line for 20090325-20100919 to reflect off-exchange activity.
76435	SAVANNAH BANCORP INC			Changed sharecode from 10 to 11 throughout entire history.

AUGUST 2010 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
88659	ADVANCED SEMICONDUCTOR ENGR INC	20100727	20100727	Changed pay dates to 20100910 from 20100729 for both distributions with ex-date 20100727
88659	ADVANCED SEMICONDUCTOR ENGR INC			Name change to ADVANCED SEMICONDUCTOR ENGR INC from ADVANCED SEMICONDUCTOR throughout entire history
85653	ARLINGTON ASSET INVESTMENT CORP	20090102	20100730	Changed sharecode from 18 to 11 for 20090102-present.
76544	ARRHYTHMIA RESEARCH TECH INC	20100210	20100210	Changed distribution code to 1242 from 1232 for distribution on ex-date 20100210.
65509	BELO CORP	20080211	20080211	Corrected ACPERM to 92528 from 925280 and ACCOMP to 52924 from 529240.
89805	CAPITALSOURCE INC	20090102	20100730	Changed sharecode from 18 to 11 for 20090102- present.
88987	GLOBAL POWER EQUIPMENT GROUP INC	20060929	20100810	Added three zero namelines to reflect off-exchange activity from 20060929-20100809
90382	HUTCHISON TELECOMS INTL LTD	20100515	20100517	Changed distribution ex-date from 20100515 to 20100517.
4880	ITAU UNIBANCO HOLDING S A	20090504	20100201	Changed distribution code to 1222 from 1212 for distributions on ex-dates 20090504, 20090803, 20090901, 20091103, 20100104, and 20100201.
88244	KINGOLD JEWELRY INC	20020724	20100817	Added three zero namelines to reflect off-exchange activity for 20020724-20100817.
85616	LAN AIRLINES S A	20090107	20100512	Removed declaration date from distribution with ex-date on 20090107 and changed code to 1212 from 1252 for distribution on ex-date 20100512.
80004	MARINA BIOTECH INC	20100722	20100830	Changed company name to MARINA BIOTECH INC from M D R N A INC and cusip to 56804Q10 from 55276N10 for 20100722-present
92976	PENNYMAC MORTGAGE INV TR	20090730	20100730	Changed sharecode from 18 to 48 from 20090730 to present.
86756	PEPSI BOTTLING GROUP INC	20100303	20100303	Removed distribution on ex-date 20100303
84116	SOUTHBANC SHARES INC	20091211	20091211	Removed distribution on ex-date 20091211
89818	TRIARC COMPANIES INC	20080326	20080326	Corrected ACPERM to 90752 from 907520 and ACCOMP to 46875 from 468750.

JULY 2010 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
93091	A O L INC	20091124	20091126	Changes SIC code to 7374 from 9999 and added NAICS code of 518210 for 20091124-20091126.
93091	A O L INC	20091210	20091210	Changed start of 'regular way' trading to 20091210 from 20091211
61145	LAZARE KAPLAN INTL INC	20090915	20100630	Changed delist date to 20090915 from 20100630, delist code to 580 from 100, and added next date & next price of 20100707 & \$0.52, respectively.
61145	LAZARE KAPLAN INTL INC	20090916	20100630	Removed all data from 20090916 - 20100630
83885	MICROVISION INC WA	19990119	20000330	Changed shares outstanding to 6087 from 6623 for 19990119-19990330, to 6159 from 6623 for 19990331-19990623, to 7538 from 6623 for 19990624-19990730, to 9851 from 6623 for 19990731-19991028, to 9879 from 6623 for 19991029-20000314 & to 10650 from 6623 for 20000315-20000330

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
83413	SAPIENT CORP	19991020	20000229	Changed shares outstanding to 28067 from 56134 for 19991020-19991107 and to 56134 from 112268 for 19991108-20000229
80543	SMURFIT STONE CONTAINER CORP NEW	20090204	20100630	Added zero nameline for the period 20090204-20100630 to reflect off exchange activity.
12034	SPROTT PHYSICAL GOLD TRUST			Added entire history of permno 12034 to stock database
74836	TECHNICAL COMMUNICATIONS CORP	20020923	20100714	Added zero nameline for the period 20020923-20100714 to reflect off exchange activity.
89442	UNITED AMERICA INDEMNITY LTD			Changed sharecode to 12 from 11 throughout entire history.
89397	VERINT SYSTEMS INC	20070201	20100705	added zero nameline for the period 20070201-20100705 to reflect off exchange activity.
88620	VERMILLION INC	20080925	20100705	Added zero nameline for the period 20080925 - 20100705 to reflect off exchange activity.

JUNE 2010 DATA EDITS

GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20081113	20081113	Reviewed trading volumes for all issues on 20081113. Replaced trading volumes for 108 Nasdaq securities on 20081113 where existing volumes differed from another source by over 40%. Project is 100% complete

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
14593	APPLE INC	20090708	20090708	Changed total volume to 20568860 from 5800 on 20090708
92477	ARMOUR RESIDENTIAL REIT INC	20100201	20100615	Added zero namelines for 20100201-20100615 to reflect off-exchange activity
69761	BARCLAYS PLC	20100224	20100224	Changed distribution code to 1232 from 1242 for distribution on ex-date 20100224.
86092	CLARUS CORP DEL			Added zero name line for 20041005-20100611 to reflect off-exchange activity
92793	ECOPETROL S A	20090812	20091130	Removed declaration date from ex-date 20090812 and updated distribution code to 1212 from 1232 for distribution on ex-date 20091130.
84660	EMBOTELLADORA ANDINA S A	20090120	20100510	Removed declaration date for ex-date 20090120. Removed declaration date, changed dividend amount to 0.148035 from 0.146077, and changed paydate to 20090521 from 20090424 for ex-date 20090422. Removed declaration date, changed dividend amount to 0.454225 from 0.442026, and changed paydate to 20090616 from 20090520 for ex-date 20090520. Changed dividend amount to 0.076391 from 0.076628 and paydate to 20090819 from 20090730 for ex-date 20090722. Changed dividend amount to 0.079530 from 0.077142 and paydate to 20091112 from 20091022 for ex-date 20091020. Changed dividend amount to 0.076642 from 0.082737 and paydate to 20100211 from 20100122 for ex-date 20100120. Changed dividend amount to 0.131019 from 0.133786 and paydate to 20100517 from 20100422 for ex-date 20100420. Changed dividend amount to 0.545950 from 0.575208 and paydate to 20100616 from 20100512 for ex-date 20100510.
93207	GRAIL ADVISORS ETF TRUST	20100301	20100503	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100301, 20100401, and 20100503.

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
90382	HUTCHISON TELECOMS INTL LTD	20100514	20100517	changed delisting distribution amount from 4.23062 to 4.23770 and exdate, recdate, and paydate from 20100518 20100517 20100517 to 20100515 20100514 20100514
90382	HUTCHISON TELECOMS INTL LTD	20100514	20100517	Changed end date and delist date from 2010517 to 20100514
77590	INVESCO VAN KAMP TR IN GR NJ MUN			Changed sharecode to 44 from 14 throughout entire history.
77316	INVESCO VAN KAMP TR INVT GR MUNIS			Changed sharecode to 44 from 14 throughout entire history.
75475	INVESCO VAN KAMPEN HIGH IN TR II			Changed sharecode to 44 from 14 throughout entire history.
77638	INVESCO VAN KAMPEN MUNI OPP TR			Changed sharecode to 44 from 14 throughout entire history.
77131	INVESCO VAN KAMPEN MUNI TRUST			Changed sharecode to 44 from 14 throughout entire history.
29342	INVESCO VAN KAMPEN OH QLY MUN TR			Changed sharecode to 44 from 14 throughout entire history.
77315	INVESCO VAN KAMPEN TR INSD MUNIS			Changed sharecode to 44 from 14 throughout entire history.
79356	INVESCO VAN KAMPN CA VL MN IN TR			Changed sharecode to 44 from 14 throughout entire history.
79360	INVESCO VAN KAMPN PA VL MN IN TR			Changed sharecode to 44 from 14 throughout entire history.
77591	INVESCO VAN KMP TR INV GR NY MUN			Changed sharecode to 44 from 14 throughout entire history.
93213	ISHARES TRUST	20100201	20100401	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100201, 20100301, and 20100401.
93211	ISHARES TRUST	20100201	20100401	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100201, 20100301, and 20100401.
93214	ISHARES TRUST	20100201	20100401	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100201, 20100301, and 20100401.
93215	ISHARES TRUST	20100201	20100401	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100201, 20100301, and 20100401.
93216	ISHARES TRUST	20100201	20100401	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100201, 20100301, and 20100401.
93212	ISHARES TRUST	20100201	20100401	Changed distribution code to 1223 from 1222 for distributions on ex-dates 20100201, 20100301, and 20100401.
78001	KEMET CORP	20090109	20100621	Added zero namelines for 20090109-20100621 to reflect off-exchange activity
91277	LIBERTY MEDIA CORP NEW	20071206	20071206	Changed total volume to 7042848 from 2042848 on 20071206
10107	MICROSOFT CORP	20090708	20090708	Changed total volume to 73023310 from 3000 on 20090708
90537	NOBLE CORP BAAR	20090807	20100216	Changed dividend amount to 0.094144 from 0.10 and distribution code to 1334 from 1232 for distribution on ex-date 20090807. Changed dividend amount to 0.049421 from 0.05 and distribution code to 1334 from 1232 for distribution on ex-date 20091105. Changed distribution code to 1334 from 1314 for distribution on ex-date 20100216.
92734	PETROFLOW ENERGY LTD	20100412	20100528	Changed end date to 20100412, changed delist code to 584 from 100 and removed all data for 20100413-20100528
92343	RETAIL OPPORTUNITY INVST CORP	20091022	20100528	Changed sharecode from 11 to 18 for the period 20091022-20100528.
93387	SPANSION INC			Changed shares outstanding from 162518 to 12974 throughout entire history
93387	SPANSION INC			Added share class A throughout entire history
73139	STRYKER CORP	20091116	20091228	Changed distribution codes to 1232 from 1252 for distributions with ex-dates of 20091116 and 20091228.
89480	TELECOM HOLDRS TRUST	20100329	20100329	Changed distribution code to 1212 from 1222 for distribution on ex-date 20100329.

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
45356	TYCO INTERNATIONAL LTD SWTZLND	20090428	20100517	Changed the dividend amount to 0.20620 from 0.20 and the distribution code to 1334 from 1232 for distribution on ex-date 20090428. Changed the dividend amount to 0.21460 from 0.20 and the distribution code to 1334 from 1232 for distribution on ex-date 20090729. Changed the dividend amount to 0.2262 from 0.20 and the distribution code to 1334 from 1272 for distribution on ex-date 20091028. Changed the dividend amount to 0.2239 from 0.20 and the distribution code to 1334 from 1232 for distribution on ex-date 20100127. Changed the distribution code to 1334 from 1234 for distribution on ex-date 2010517.
28310	UNILEVER N V	20100210	20100210	Changed dividend amount to 0.2718 from 0.231 and distribution code to 1232 from 1242 for distribution on ex-date 20100210.
28302	UNILEVER PLC	20081105	20100210	Removed declaration dates from distributions with ex-dates 20081105 & 20090520 and changed distribution code to 1232 from 1242 for distribution on ex-date 20100210.
91423	VANGUARD INDEX FUNDS	20080312	20100323	Changed distribution code to 1272 from 1252 for distribution on ex-date 20080312 and to 1272 from 1212 for distribution on ex-date 20100323.
90005	VANGUARD INDEX TRUST	20080312	20100323	Changed distribution code to 1272 from 1252 for distribution on ex-date 20080312 and to 1272 from 1212 for distribution on ex-date 20100323.
90000	VANGUARD INDEX TRUST	20080312	20100323	Changed distribution code to 1272 from 1252 for distribution on ex-date 20080312 and to 1272 from 1212 for distribution on ex-date 20100323.
90001	VANGUARD INDEX TRUST	20080312	20100323	Changed distribution code to 1272 from 1252 for distribution on ex-date 20080312 and to 1272 from 1212 for distribution on ex-date 20100323.
89286	VANGUARD INDEX TRUST	20080312	20100323	Changed distribution code to 1272 from 1252 for distribution on ex-date 20080312 and to 1272 from 1212 for distribution on ex-date 20100323.
90700	XERIUM TECHNOLOGIES INC	20100526	20100526	Distribution code changed to 5523 from 5533 to reflect reverse split on 5/26/10.
79362	Y P F SOCIEDAD ANONIMA	20081113	20090511	Removed declaration date for distributions on ex-dates 20091113 and 20090511.

MAY 2010 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
10517	AARONS INC	20090420	20100528	Changed tsymbol to AANA from AAN for 20090420-present
84603	CRESUD S A C I F Y A			Changed SIC code to 0190 from 1900 for 19970319-20000229 and to 0191 from 1900 for 20000301-present
93298	CRUDE CARRIERS CORP	20100315	20100315	changed volume to 1396400 from 1396500 and added closing bid, closing ask and open price for 20100315
93298	CRUDE CARRIERS CORP	20100312	20100312	changed volume to 4377100 from 5568600 and added closing bid, closing ask and open price for 20100312
87658	EMAGIN CORP	20070312	20100517	Added zero name line for period 20070312-20100517 to reflect off-exchange activity.
91887	FLAGSTONE REINSURANCE HLDGS LTD	20070330	20100517	Name change to FLAGSTONE REINSURANCE HLDGS LTD from FLAGSTONE REINSURANCE HOLDS LTD for 20070330-20100517
47723	HALLADOR ENERGY CO	19930803	20100520	Added zero namelines for 19930803-20100520 to reflect off-exchange activity
40272	INTERNATIONAL FLAVORS & FRAG INC	20051111	20051113	Changed SIC code to 2865 from 9000 for 20051111-20051113
46392	INVESTMENT TECHNOLOGY GP INC NEW	19990428	19990930	Changed SIC code to 6211 from 6828 for 19990428-19990930
48063	M H I GROUP INC	19880224	19931121	Ticker change to MH from QMH for 19880224-19931121
58094	NORTH FORK BANCORPORATION NY INC	19820902	19860331	Changed SIC code to 6710 from 6911 for 19820902-19860331

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
89602	NUVEEN INS NY TX FR ADV MUN FD			Name change to NUVEEN INS NY TX FR ADV MUN FD from NUVEEN INS NY TX FR ADV throughout entire history
79702	PALATIN TECHNOLOGIES INC	20041110	20041111	Changed SIC code to 3861 from 9000 for 20041110 20041111
87021	SEMINIS INC			Changed SIC code to 0180 from 1800 for 19990630-20000531 and to 0181 from 1800 for 20000601-20030929
88239	U B S AG	20000929	20100430	Changed all shares outstanding values for 20000929-present

APRIL 2010 DATA EDITS

GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20090604	20100331	Changed PERMCOs to 50846 from 53172 for 24 PERMNOs. PERMCOs were changed to be consistent with CRSP identifier rules.

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
19553	AMOCO CORP	19850424	19980802	Changed SIC code to 1311 from 6711 for 19850424-19980802
65883	BELLSOUTH CORP	19861201	20010823	Changed SIC code to 4811 from 6711 for 19861201-19880531 and to 4813 from 6711 for 19880601-20010823
75045	CINEPLEX ODEON CORP	19910905	19910905	Changed distribution code to 4563 from 4533, dividend amount to .08929 from .0125, price factor to .0246 from .0345 and share factor to 0 from .7143 for the rights distribution on ex-date 19910905
87024	CITY BANK LYNNWOOD WASHINGTON			Name change to CITY BANK LYNNWOOD WASHINGTON from CITYBANK LYNNWOOD WASHINGTON throughout entire history
12012	EAGLE BANCORP INC DEL			Changed issuno to 9995046 from 70079386 and compno to 9995036 from 70069833 throughout entire history
79767	ENERSIS S A	20090914	20090914	Removed distribution with ex-date of 20090914
21004	G T E CORP	19861201	20000630	Changed SIC code to 2741 from 6711 for 19861201-19890831, to 4899 from 6711 for 19890901-19921130, to 2741 from 6711 for 19921201-19931130 and to 4813 from 6711 for 19931201-20000630
86942	GABELLI UTILITY TRUST	20020520	20020520	Changed distribution code to 4523 from 1222, dividend amount to 0.47 from 1.00 and added acquiring PERMNO & PERMCO of 95478 & 35159 for distribution with ex-date of 20020520
40970	H K N INC	20030211	20030211	Changed distribution code to 4563 from 4553, dividend amount to .119673 from .15642 and price factor to .6299 from .8233 for the rights distribution on ex-date 20030211
32897	HANOVER DIRECT INC	19920731	19920731	Changed distribution code to 4523 from 4533, share factor to 0 from .9469 and added acquiring PERMNO and acquiring PERMCO of 95257 & 20933, respectively, for the rights distribution on ex-date 19920731
77897	ISLE OF CAPRI CASINOS INC	19960315	19960315	Changed dividend amount to .0319 from .03125 and price factor to .0053 from .0052 for the rights distribution on ex-date 19960315
90840	MAN SANG INTERNATIONAL BVI LTD	20090826	20100430	Ticker & tsymbol change to MHJ from BVI for 20090826-present
89242	NUVEEN NC DIV ADV MUNI FUND 2			Name change to NUVEEN NC DIV ADV MUNI FUND 2 from NUVEEN N C DIVIDEND ADV FUND throughout entire history
84581	PERNIX THERAPEUTICS HLDGS INC	20020102	20100309	Changed sharecode from 18 to 11 for the period 1/2/2002-3/9/2010.
93253	PIMCO ETF TRUST	20100226	20100331	Changed distribution code to 1223 from 1222 on ex dates 20100226 and 20100331.
14218	R J R NABISCO INC	19880901	19890428	Changed SIC code to 2024 from 6711 for 19880901-19890428
35967	RIO GRANDE VALLEY GAS CO			Name change to RIO GRANDE VALLEY GAS CO from RIO GRANDE VALLEY GAS throughout entire history

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
18761	SALOMON BROTHERS FUND INC	20000619	20000619	Changed dividend amount to .00225 from 1.70, price factor to .0001 from .0982 and added pay date of 20000522 for the rights distribution on ex-date 20000619
88236	SEMICONDUCTOR HOLDRS TRUST	20100318	20100318	Changed distribution code to 1212 from 1222 on ex date 20100318.
86376	SWISSCOM	20050428	20070424	Changed distribution code to 1252 from 1212 on ex date 20050428 and to 1252 from 1242 on ex date 20070424.
86376	SWISSCOM	20060920	20060920	Changed distribution code to 1272 from 1252 on ex date 20060920
93180	SWISSCOM	20091229	20100331	Changed dist code to 1223 from 1212 on ex date 20091229, to 1223 from 1252 on 20100129, to 1223 from 1252 on 20100226, and to 1223 from 1222 on 20100331.
48725	UNION PACIFIC CORP	19861201	19940531	Changed SIC code to 1081 from 6711 for 19861201-19940531
88317	UTILITIES HOLDRS TRUST	20100329	20100329	Changed distribution code to 1212 from 1222 for ex date 20100329.
90657	VERIFONE HOLDINGS INC	20100309	20100309	Changed high price to 23.16 from 91.75 on 20100309

MARCH 2010 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
81647	AMERICANWEST BANCORPORATION	20010305	20100226	Name change to AMERICANWEST BANCORPORATION from AMERICAN WEST BANCORPORATION for 20010305-present
89586	EATON VANCE INSURED MUNI BD FD 2			Name change to EATON VANCE INSURED MUNI BD FD 2 from EATON VANCE IN MN BD2 throughout entire history
26032	EL PASO NATURAL GAS CO	19561226	19570204	Changed begin date to 19570205 from 19561226 and removed all data from 19561226-19570204
26032	EL PASO NATURAL GAS CO	19571231	19580102	Added delisting distribution with ex-date of 19580102 and added delisting amount, delisting pay date and delisting returns to the delisting array. Also changed delist code to 331 from 100, new perm to 20239 from 0 and new comp to 22983 from 0.
79129	GENERAL GROWTH PROPERTIES INC	20090416	20100304	Added zero nameline for 20090416-20100304 to reflect off-exchange activity
82775	HARTFORD FINANCIAL SVCS GRP INC	19970506	20100331	Name change to HARTFORD FINANCIAL SVCS GRP INC from HARTFORD FINANCIAL SVCS GROUP throughout entire history
90737	INERGY HOLDINGS L P			Name change to INERGY HOLDINGS L P from INERGY HOLDINGS LP throughout entire history
92502	KENNEDY WILSON HOLDINGS INC	20091117	03171105	Name change to KENNEDY WILSON HOLDINGS INC from KENNEDY WILSON INC for 20091117-20100318
89604	NUVEEN INS MA TAX FR ADV MUNI FD			Name change to NUVEEN INS MA TAX FR ADV MUNI FD from NUVEEN INS MA TX FR ADV throughout entire history

FEBRUARY 2010 DATA EDITS

GROUP EDITS

Reviewed cases where shares outstanding changed, then reverted back to an old value for the 20081231-20091231 date range. Updated shares outstanding values as needed.

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
80957	ASPEN TECHNOLOGY INC	20080219	20100209	Added zero nameline for 20080219-20100209 to reflect off-exchange activity.
80524	DERMA SCIENCES INC	20001004	20100209	Added zero namelines for 20001004-20100209 to reflect off-exchange activity.
39766	FIRST REGIONAL BANCORP	20100128	20100129	Changed end date and delist date to 20100128 from 2010129 and removed all data from 20100129
81038	HUANENG POWER INTERNATIONAL INC	20100107	20100115	Removed prices for 20100107-20100115.
90382	HUTCHISON TELECOMS INTL LTD	20100105	20100107	Added halt nameline and removed prices for 20100105-20100107.

JANUARY 2010 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
83113	ARTHROCARE CORP	20090116	20100121	Added zero nameline for period 20090116 to 20100121 to reflect off-exchange trading.
79251	BELL MICROPRODUCTS INC	20080319	20100124	Added zero nameline for the period 20080319 to 20100124 to reflect off-exchange activity.
89102	GRANITE CITY FOOD & BREWERY LTD	20090803	20100113	Changed SIC code to 5812 from 7221 for 20090803-20100113
79336	LIBBEY INC	20090420	20100103	Added zero nameline for the period 20090420 to 20100103 to reflect off exchange trading.

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending December 2010. It contains the number of securities and information about the maximums of the event arrays.

FILE CODE	# OF SECURITIES	MAX NAMES	MAX DISTS	MAX SHARES	MAX DELISTS	MAX GROUPS	MAX NASDIN	FIRST PERMNO	LAST PERMNO
DAZ	28703	39	1261	918	1	4	2201	10000	93436
MAZ	28673	39	1261	918	1	4	2201	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20101231	1-22529
Month-end trading calendar	19251231-20101231	1-1021
Year-end trading calendar	19251231-20111230	1-87
Quarter-end trading calendar	19251231-20111230	1-345
Weekly trading calendar	19260102-20101231	1-4435

CRSPACCESS PRODUCT INFORMATION

To simplify installation for our subscribers, data are bundled into product groups. Information relevant to each product group is listed in the table below.

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
CRSP 1925 US Stock and Index Database	FIZyyyyymm	DVD	3.5 GB	All CRSP indexes and portfolio assignments	All portfolios	DI - 1925 Daily US Stock & Index Database MI - 1925 Monthly US Stock & Index Database IF - CRSP Supplemental US Indexes
CRSP 1925 US Stock	FAZyyyyymm	DVD	3.2 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite	NYSE/ AMEX/ NASDAQ Capitalization Deciles	DA - 1925 Daily US Stock MA - 1925 Monthly US Stock IN - CRSP Limited US Indexes
CRSP 1962 US Stock	A6Zyyyyymm	DVD	2.8 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite	NYSE/ AMEX/ NASDAQ Capitalization Deciles	D6 - 1962 Daily US Stock M6 - 1962 Monthly US Stock IN - CRSP Limited US Indexes
CRSP 1962 US Stock and Index Database	AXZyyyyymm	DVD	3.1 GB	See FIZ	All portfolios	DX - 1962 Daily US Stock & Index Database MX - 1962 Monthly US Stock & Index Database IF - CRSP Supplemental US Indexes
CRSP 1925 US Indexes	IFZyyyyymm	DVD	114 MB			IF - CRSP Supplemental US Indexes
Daily & Monthly Treasuries	TRZyyyyymm	DVD	147 MB			TRZ - Daily and Monthly Treasuries
Daily Treasuries	BDZyyyyymm	DVD	990 MB			BD - Daily Treasuries
Monthly Treasuries	BMZyyyyymm	DVD	92.7 MB			BM - Monthly Treasuries
Mutual Fund Database	MFZyyyyymm	DVD	4.9 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyyymm	DVD	164 MB			RD - Daily REITs RM - Monthly REITs
CRSP/Ziman Monthly REIT	RMZyyyyymm	DVD	8 MB			RM - Monthly REITs

DATA INSTALLATION

Instructions and screen shots for installation are written for Windows. Differences related to Linux and Sun or media are noted.

WINDOWS:

To install data, insert your DVD into the drive and from the Start Menu, select Run d:\setupwin32.exe. Click OK.

SUN SOLARIS (DVD INSTALL):

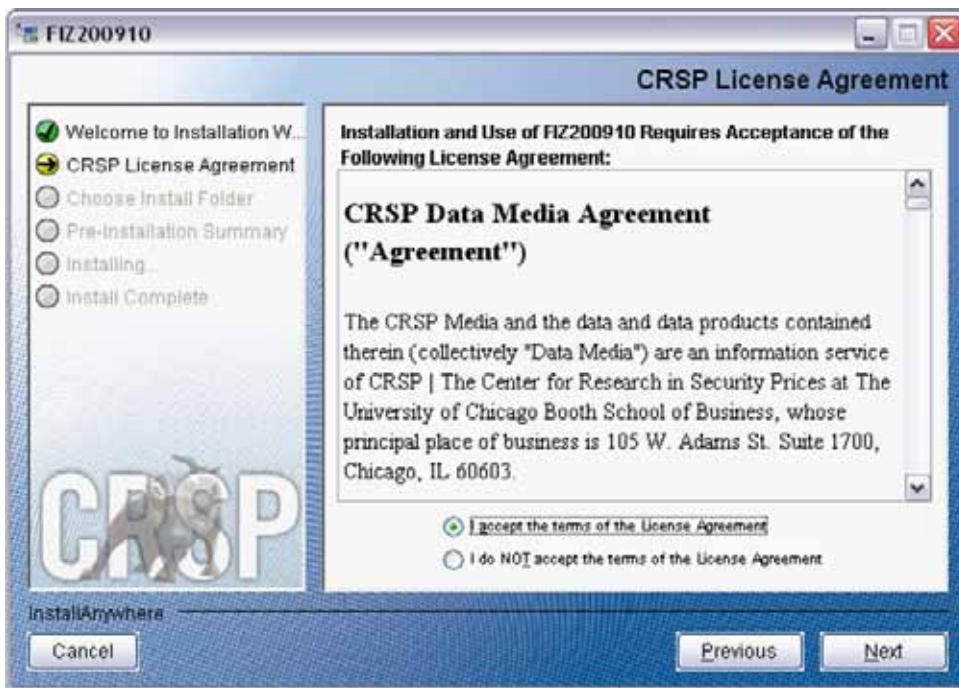
After inserting the DVD, a file manager will open with the file, `setupsolaris.bin`. Double click on this setup file to begin the installation process.

LINUX(DVD INSTALL):

Upon insertion of the DVD, a file manager will open with the file, `setuplinux.bin`. Double click on this setup file to begin the installation process.



After clicking on **Next** on the Welcome screen, scroll through and read the CRSP Data and Utilities Agreement. Click to accept the terms of the license agreement. Click **Next**.

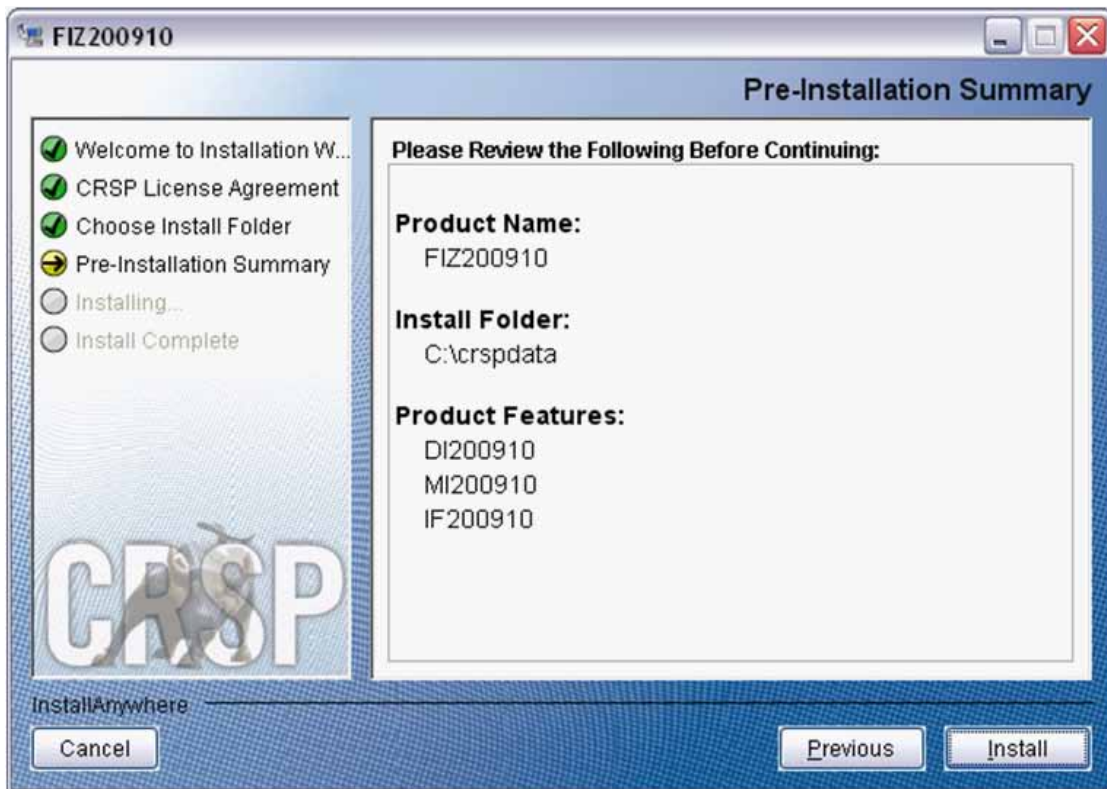


WINDOWS: The default directory for the data installation is `c:\crspdata`. You may accept or modify it. Click **Next**.

SUN SOLARIS & LINUX: The default directory for the data installation is `/crspdata`. You must have write permission to the directory you specify, for example, `/home/username/crspdata`.



Summary information is displayed: Location, data components and the amount of space that is required for the data. Click on **Install** to proceed.



The screen will display the status of the installation.



A message indicating the success of the installation appears when the process is complete. Click **Done**.



LINUX AND SUN SOLARIS ENVIRONMENT VARIABLES

Important Change for Sun Solaris & Linux Installations:

Following previous installs, the `crsp.kshrc` file was run upon completion to set both environment variables and software alias values. This new version of InstallAnywhere sets the environment variables directly on the system when the software is installed. The `crsp.kshrc` file must still be run to set the aliases.

A user may wish to revert back to a previous cut of data or a previous version of the software. In order to do so, CRSP provides shell scripts for users to run that will create a custom-named `kshrc` file that the user may run to set environment variables at the session level. This process also provides a way for a system administrator to create a script that can be put into the system login process so that the environment variables are seen by all users.

To use a shell script for generating an initialization script file, follow these steps:

1. `cd` to the root directory where program files have been loaded.

```
cd accbin
```

2. If you are running `csh` shell, enter

```
source crsp_setup.csh
```

If you are running `ksh` or `bash` shell, enter

```
./ crsp_setup.sh
```

- The script will prompt for data, root, and log directories. Follow the instructions on the prompts in terms of trailing slashes in directory names.

The script will create new scripts, `mycrsp.cshrc` in `csh` or `mycrsp.kshrc` in `ksh`. `mycrsp` is the default that may be changed.

Note: When creating a custom `kshrc` file, be aware that it will overwrite a like-named file if one exists rather than create a new version. The `kshrc` file will overwrite all environment variables, so must be completely filled in.

`env | grep CRSP` can be used to check the CRSP environment variables set.

WINDOWS:

Location of the software and data may be checked by opening CRSP Client Environment from the CRSPAccess menu. This new utility provides users a quick and simple way of both checking and switching environment variables if necessary. Where, in the past, users had to go through the Control Panel to manipulate the environment variables, this can now be done by quick editing of the Client Environment screen.

Note: For subscribers of the CRSP Compustat Merged database, additional CCM database environments will be displayed for the location of the Compustat data.



UNINSTALL

To uninstall the data, go through Start > Control Panel > Add or Remove Programs. The data will appear in the Add or Remove Programs list as the volume label and cut date of the database. For example, the October cut of the 1925 US Stock and Index Database will be displayed as FIZ200910. Highlight your selection, click on the Change/Remove button and follow the prompts.