

These release notes pertain to the December 2012 Annual release of the CRSP US Stock and Index databases. Following are the year's edits in descending order.

### 2012 DATA EDITS

#### DECEMBER 2012 DATA EDITS

##### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20040108	20111214	Reviewed NYSE permnos with SIC code of 0 or 9999 from 2004-present. Added valid SIC codes to 250 rows of names history (including non-subscriber data)

##### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
89230	ALERE INC	20100719	20121130	Changed ticker to ALR from IMA for date range 20100719-20121130.
13173	DIREXION SHARES E T F TRUST	20120919	20120919	Changed distribution code to 1232 from 1262 on ex-date 20120919.
13026	ISHARES TRUST	20111220	20111220	Changed distribution code to 1242 from 1212 on ex-date 20111220
13027	ISHARES TRUST	20111222	20111222	Changed distribution code to 1232 from 1212 on ex-date 20111222.
51530	MARINE PETROLEUM TRUST			Changed share code to 71 from 40 throughout entire history
13131	MARKET VECTORS E T F TRUST	20111228	20111228	Changed distribution code to 1252 from 1232 on ex-date 20111228.
93102	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
91934	MARKET VECTORS E T F TRUST	20071224	20101223	Changed distribution code to 1252 from 1212 on ex-date 20071224, and to 1252 from 1262 on ex-date 20101223.
12333	MARKET VECTORS E T F TRUST	20111223	20111223	Changed distribution code to 1252 from 1262 on ex-date 20111223.
12630	MARKET VECTORS E T F TRUST	20111223	20111223	Changed distribution code to 1252 from 1262 on ex-date 20111223.
92011	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
12665	MARKET VECTORS E T F TRUST	20111223	20111223	Changed distribution code to 1252 from 1262 on ex-date 20111223.
91530	MARKET VECTORS E T F TRUST	20061221	20101223	Changed distribution code to 1252 from 1212 on ex-date 20061221, to 1252 from 1232 on ex-date 20071224, and to 1252 from 1262 on ex-date 20101223.
93103	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
91529	MARKET VECTORS E T F TRUST	20061221	20101223	Changed distribution code to 1252 from 1212 on ex-date 20061221, and to 1252 from 1262 on ex-date 20101223.
13125	MARKET VECTORS E T F TRUST	20111228	20111228	Changed distribution code to 1252 from 1212 on ex-date 20111228.
91232	MARKET VECTORS E T F TRUST	20061221	20101223	Changed distribution code to 1252 from 1212 on ex-date 20061221, to 1252 from 1232 on ex-date 20071224, to 1252 from 1212 on ex-date 20091223, and to 1252 from 1262 on ex-date 20101223.
12664	MARKET VECTORS E T F TRUST	20111223	20111223	Changed distribution code to 1252 from 1262 on ex-date 20111223.
92538	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
12666	MARKET VECTORS E T F TRUST	20110301	20110601	Changed distribution code to 1222 from 1212 on ex-date 20110601.
92622	MARKET VECTORS E T F TRUST	20091223	20101223	Changed distribution code to 1252 from 1262 on ex-dates 20091223 and 20101223.

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
92274	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
92796	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
92733	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
92732	MARKET VECTORS E T F TRUST	20091223	20101223	Changed distribution code to 1252 from 1262 on ex-dates 20091223 and 20101223.
92994	MARKET VECTORS E T F TRUST	20101223	20101223	Changed distribution code to 1252 from 1262 on ex-date 20101223.
92883	MARKET VECTORS E T F TRUST	20091223	20101223	Changed distribution code to 1252 from 1262 on ex-dates 20091223 and 20101223.
92251	MARKET VECTORS E T F TRUST	20071224	20101223	Changed distribution code to 1252 from 1212 on ex-dates 20071224 and 20091223, and to 1252 from 1262 on exdate 20101223.
89277	NORTHWEST BIOTHERAPEUTICS INC	20021224	20121206	Added zero namelines to reflect off-exchange activity between 20021224 and 20121206.
13245	POWERSHARES E T F TRUST II	20120615	20120615	Changed distribution code to 1232 from 1212 on ex-date 20120615.
13190	POWERSHARES E T F TRUST II	20120316	20120316	Changed distribution code to 1232 from 1212 on ex-date 20120316.
13089	POWERSHARES E T F TRUST II	20111216	20111216	Changed distribution code to 1232 from 1212 on ex-date 20111216.
13090	POWERSHARES E T F TRUST II	20111216	20111216	Changed distribution code to 1232 from 1212 on ex-date 20111216.
13091	POWERSHARES E T F TRUST II	20111216	20111216	Changed distribution code to 1232 from 1212 on ex-date 20111216.
13092	POWERSHARES E T F TRUST II	20111216	20111216	Changed distribution code to 1232 from 1212 on ex-date 20111216.
13189	POWERSHARES E T F TRUST II	20120619	20120619	Changed distribution code to 1232 from 1212 on ex-date 20120619.
92486	SEARCHMEDIA HOLDINGS LTD	20091103	20121214	Name changed to SEARCHMEDIA HOLDINGS LTD from SEARCHMEDIA HOLDINGS LIMITED from 20091103 to 20121214.

## NOVEMBER 2012 DATA EDITS

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
89541	ENBRIDGE ENERGY MGMT L L C	20120203	20120803	Changed distribution code to 5533 from 5523 on ex-dates 20120203 and 20120803.
93431	PACTERA TECHNOLOGY INTL LTD	20100630	20121112	Changed name to HISOFT TECHNOLOGY INTL LTD from HISOFT TECHNOLOGY INTL LIMITED for 20100630-20121112.
89410	S R A INTERNATIONAL INC	20020524	20110530	Changed shares outstanding values for various ranges for 20020524-20110530.
92875	SMARTHEAT INC	20120529	20121031	Removed halt record from 20120530-20121031 and added delist array on 20120529.
11845	W P P PLC	20121010	20121010	Changed distribution amount to \$0.697708 from \$0.694988 on ex-date 20121010.

## OCTOBER 2012 DATA EDITS

### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
2005	2012	Reviewed permnos with SIC code of 0 or 9999 and a halt or zero nameline. Added valid SIC codes to 47 rows of names history.

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
85961	A R M HOLDINGS PLC	20120905	20120905	Changed semi-annual distribution amount to 0.08033 from 0.07847 on ex-date 20120905.

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
12912	BIOLINERX LTD	20120330	20121031	Updated shares outstanding to 6,404 from 17,606 for date range 20120330-20120628, and to 5,773 from 17,606 for date range 20120629-20120927.
79580	DYNACQ HEALTHCARE INC	20120809	20120928	Removed all data from 20120810-20120928 and added delisting information on 20120809.
90352	DYNEGY INC NEW DEL	20120706	20121002	Added zero nameline for the period 20120706-20121002 to reflect bankruptcy reorganization.
91638	GENESIS LEASE LTD	20061214	20121027	Changed name from GENESIS LEASE LIMITED to GENESIS LEASE LTD for entire history.
89477	INTERNET ARCHITECTURE HOLDRS TR	20110705	20120910	Changed distribution code to 1212 from 1222 on ex-dates 20110705, 20111108, 20111212, and 20120103; changed distribution amount to .0975 from .0875 on ex-date 20110808, and to .026667 from .016667 on ex-date 20110912; added regular dividends on ex-dates 20120808, 20120809, and 20120910, and added special dividend on 20110805.
13441	MAINSTAY DEFINEDTERM MUNI OPP FD	20120912	20120912	Changed distribution code to 1223 from 1222 on ex-date 20120912.
12953	MARKET VECTORS E T F TRUST	20111003	20120702	Changed distribution code to 1232 from 1212 on ex-dates 20111003, 20111228, and 20120402; change distribution code to 1232 from 1222 on exdate 20120702.
92998	SINOHUB INC	20120906	20120930	Removed all data from 20120907-20120930 and added delisting information on 20120906.
81675	SOVRAN SELF STORAGE INC	20070227	20070227	Changed bidlow to 57.64 from 21.46 and open to 59.50 from 21.46 on 20070227.

## SEPTEMBER 2012 DATA EDITS

### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
2005	2012	Reviewed permnos with SIC code of 0 or 9999 and a halt or zero nameline. Added valid SIC codes to 47 rows of names history.

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
93129	CHINA VALVES TECHNOLOGY INC	20120713	20120831	Removed all data from 20120716-20120831 and added delisting information on 20120713
89778	CHUNGHWA TELECOM CO LTD	20110107	20110126	Changed ex-date, record date, and pay date for reverse split to 20110107 from 20110126.
89778	CHUNGHWA TELECOM CO LTD	20100120	20100120	Added distribution on ex-date 20100120.
92118	COMPANHIA ENERGETICA DE MINAS	20100430	20110502	Split distribution on ex-date 20100430 into two parts. Split distribution on ex-date 20110504 into two parts.
12947	E G A EMERGING GLOBAL SHARES TR	20110926	20120625	Changed distribution code to 1232 from 1212 on ex-dates 20110926, 20111223, 20120326, and 20120625.
90724	EAGLE BULK SHIPPING INC	20120522	20120522	Changed cusip to Y2187A10 from Y2187A11 on 20120522.
75290	ENDESA S A	20070313	20070313	Deleted duplicate distribution with ex-date 20070313.
88923	FLETCHER BUILDING LTD	20011109	20011109	Added distribution on ex-date 20011109
84083	HARMONY GOLD MINING CO LTD	20100915	20120307	Changed distribution code to 1242 from 1212 on ex-dates 20030226 and 20030903, to 1242 from 1252 on ex-date 20120307, and to 1252 from 1242 on ex-date 20090916.
90612	I N G GLOBAL EQU DIV & PREM OPP	20060330	20061129	Changed shares outstanding to 95687 from 95639 for 20060330-20060427 and to 95687 from 27445 for 20060428-20061129
89704	INTERCONTINENTAL HOTELS GRP PLC	20070604	20070604	Added cash distribution of \$4.00 on ex-date 20070604

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
13199	ISHARES INC			Changed SIC code to 6726 from 0 for entire history
13271	ISHARES INC			Changed SIC code to 6726 from 0 for entire history
13269	ISHARES INC			Changed SIC code to 6726 from 0 for entire history
13270	ISHARES INC			Changed SIC code to 6726 from 0 for entire history
13268	ISHARES INC			Changed SIC code to 6726 from 0 for entire history
13272	ISHARES INC			Changed SIC code to 6726 from 0 for entire history
90902	ITURAN LOCATION & CONTROL LTD	20120608	20120608	Changed distribution code to 1232 from 1252 on ex-date 20120608.
89307	MANTECH INTERNATIONAL CORP	20120307	20120606	Changed distribution code to 1232 from 1242 on ex-dates 20120307 and 20120606
88489	P C C W LTD	20001122	20060927	Added missing declare dates, and changed dividend amounts, distribution codes, and pay dates on ex-dates 20001122, 20041115, 20050518, 20050921, 20060518, and 20060927.
87339	PARTNER COMMUNICATIONS CO LTD	20120827	20120827	Changed dividend amount from 0.255674 to 0.259517 on ex-date 20120827
13359	ROYAL BANK SCOTLAND GROUP PLC	20120419	20120831	Removed from subscriber database. Share code changed from 73 to 7.
83604	S K TELECOM CO LTD	20080626	20080626	Added distribuion on ex-date of 20080626
88645	SILICONWARE PRECISION INDS CO LT	20120716	20120716	Changed dividend amount of an annual distribution from 0.237601 to 0.23683 on ex-date 20120716.
93435	SINO CLEAN ENERGY INC	20120518	20120831	Removed all data from 20120521-20120831 and added delisting information on 20120518.
87444	SMITH & NEPHEW P L C	20000807	20000807	Changed ex-date for dividend to 20000807 from 20000802; changed ex-date, record date, and pay date for reverse split to 20000807 from 20000804.
12409	SUN HEALTHCARE GROUP INC NEW			Changed SIC code to 8051 from 0 for entire history
13380	T C P CAPITAL CORP	20120613	20120613	Changed distribution code to 1232 from 1212 on ex-date 20120613
75142	TELEFONOS DE MEXICO S A B D E C A	20080925	20080925	Deleted duplicate distribution on ex-date 20080925
76655	TOYOTA MOTOR CORP	20070330	20070330	Added distribution on ex-date 20070330.
13313	U B S AG	20120321	20120831	Removed from subscriber database. Share code changed from 73 to 7.
75418	VODAFONE GROUP PLC NEW	20060731	20060731	Added distribution with ex-date 20060731.

## AUGUST 2012 DATA EDITS

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
91954	ARC WIRELESS SOLUTIONS INC			Changed NQ company number to 2003613 from 70002235 for entire history
61516	BIO RAD LABORATORIES INC	20020308	20081023	Added Class A to name history for 20120308-20081023
90338	C P F L ENERGIA S A	20110818	20110818	Changed distribution code to 1242 from 1212, changed payday to 20111012 from 20110822, and changed distribution amount to \$0.8337 from \$0.952, on exdate 20110818.
77679	COLUMBIA BANKING SYSTEM INC	20120507	20120507	Changed quarterly distribution amount to \$0.08 from \$0.22, and added special distribution with amount of \$0.14, on exdate 20120507.
89704	INTERCONTINENTAL HTL	20041214	20050627	Removed distribution on ex-date 20050624, changed distribution code to 1212 from 1312 and dividend amount to 2.85846 from 3.00993 on ex-date 20050627, and added cash dividend and stock dividend on 20041213
88309	MOBILE TELESYSTEMS OJSC	20080508	20090508	Changed dividend amount to 2.62815 from 3.14883 for distribution on ex-date 20080508 and added annual distribution on ex-date 20090508
84323	NEW YORK HEALTH CARE INC	20030404	20030406	Changed trading symbol to BIOBX from BIOB for 20030404-20030406
81044	POSCO	20051227	20051227	Removed distribution on ex-date 20051227

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
13394	PROSHARES TRUST	20120702	20120702	Changed distribution code to 1222 from 1262 on exdate 20120702.
13544	U S DIESEL HEATING OIL FD L P	20080409	20120806	Name changed to U S DIESEL HEATING OIL FD L P from U S DIESEL HEATING OIL FD LP for entire history.
92517	XINYUAN REAL ESTATE CO LTD	20120426	20120426	Changed distribution code to 1232 from 1212 on exdate 20120426.

## JULY 2012 DATA EDITS

### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
20100115	20120505	Reviewed cases where shares outstanding changed, then reverted back to an old value for the 20100115-20120505 date range. Updated shares outstanding values as needed.
20050101	20120101	Reviewed cases of missing ADR distributions (vendor data with no ex-date). Edits consisted of adding missing distributions to the database. 46 new adds in total.

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
80081	ABERDEEN EMRG MKTS TELE & INF FD	19941221	20111228	Changed distribution codes for regular dividends to 1242 from 1252 on exdates 19941221, 19961227, and all exdtates between 20070719 and 20111228.
13429	ALEXANDER & BALDWIN INC NEW	20120614	20120629	Company name changed to ALEXANDER & BALDWIN INC NEW from ALEXANDER & BALDWIN INC for 20120614-present
78201	ATTUNITY LTD	20080222	20120725	Added zero namelines to reflect off-exchange activity for 20080222 - 20120725.
4854	BANCO BRADESCO S A	20110628	20120628	Distribution code changed to 1272 from 1212 on exdates 20110628 and 20120628.
11003	CHESAPEAKE MIDSTREAM PTNRS L P	20100723	20120629	Changed name to CHESAPEAKE MIDSTREAM PTNRS L P from CHESAPEAKE MIDSTREAM PARTNERS LP for entire history.
93208	COLUMBIA E T F TRUST	20120402	20120601	Changed distribution code to 1222 from 1223 on exdates 20120402, 20120501 and 20120601.
77124	D T F TAX FREE INCOME INC	20110112	20120613	Changed distribution code to 1223 from 1222 on exdates between 20110112 and 20120613. and changed distribution code to 1273 from 1272 on exdate 20111215.
75465	D W S STRATEGIC MUNI INCOME TR	20110113	20120614	Changed distribution code for regular dividends to 1223 from 1222 on exdates between 20110113 and 20120614.
87482	DIGIMARC CORP	20080814	20080814	Added spin-off distribution on ex-date 20080814
89811	MANAGED DURATION INVT GRD MUN	20031105	20120613	Changed distribution code to 1223 from 1222 for entire history.
88488	MARKET 2000 HOLDRS TR	20120629	20120629	Added distribution for \$0.004731 on exdate 20120629.
92908	NUVEEN CALIF MUNI VALUE FUND 2	20090611	20120613	Changed distribution code to 1223 from 1222 for exdates between 20090611 and 20100311 and between 20101213 and 20120613.
81511	SOBIESKI BANCORP INC	20040806	20040806	Changed delist code to 450 from 470 to reflect addition of final liquidation payment
75418	VODAFONE GROUP PLC NEW	20120606	20120606	Changed semi-annual distribution amount to 1.01081 from 1.01469 on ex-date 20120606
11845	W P P PLC	20120606	20120606	Changed semi-annual distribution amount to 1.32612 from 1.35888 on ex-date 20120606

## JUNE 2012 DATA EDITS

### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
1962	2012	Reviewed and corrected: 1. Instances where securities with different PERMCOs and CNUMs still had identical company names and 2. Cases where securities with identical PERMCOs and CNUMs have different company names. Edits have been made to company names to satisfy name consistency rules. Project is 100% complete.

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
83239	BANKATLANTIC BANCORP INC	20090828	20090828	Changed factor to adjust prices to 0 from 2.3313 for distribution on 20090828
92944	CHINA NORTH EAST PETRO HLDGS LTD	20120229	20120531	Removed all data from 20120301-20120531 and added delisting information on 20120229.
92991	CHINA NUTRIFRUIT GROUP LTD	20120426	20120531	Removed all data from 20120427-20120531 and added delisting information on 20120426.
92300	CHINACAST EDUCATION CORP	20120330	20120531	Removed all data from 20120402-20120531 and added delisting information on 20120330
87381	CITY TELECOM H K LTD	20120510	20120510	Changed semi-annual distribution amount to 0.38643 from 0.38669 on ex-date 20120510
93133	G L G LIFE TECH CORP	20120502	20120531	Removed all data from 20120503-20120531 and added delisting information on 20120502
87233	GOLDEN TELECOM INC	20060316	20060316	Removed duplicate distribution on ex-date 20060136
85559	INTERVEST BANCSHARES CORP	19971125	20120611	Added share class A for 19971125-20120611
91411	OILSANDS QUEST INC	20111129	20120531	Removed all data from 20111129-20120531 and added delisting information on 20111128.
93383	PAX WORLD FUNDS TRUST II	20120329	20120329	Changed distribution code to 1232 from 1242 on exdate 20120329.
13247	PROSHARES TRUST	20120321	20120321	Changed distribution code to 1232 from 1262 on exdate 20120321.
13192	PROSHARES TRUST	20120321	20120321	Changed distribution code to 1232 from 1262 on exdate 20120321.
84116	SOUTHBANC SHARES INC	20120313	20120313	Removed distribution on ex-date 20120313
91949	VANGUARD BOND INDEX FUNDS	20110113	20120531	Changed name to VANGUARD BOND INDEX FUNDS from VANGUARD BOND INDEX FUNDSA for 20110113-present

## MAY 2012 DATA EDITS

### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
1980	2010	Reviewed and corrected: 1. Instances where securities with different PERMCOs and CNUMs still had identical company names and 2. Cases where securities with identical PERMCOs and CNUMs have different company names. Edits have been made to company names to satisfy name consistency rules. Project is 10% complete.
2001	2012	Reviewed raw distribution data where values not found in the database. Edits consisted mainly of distribution additions and distribution code changes. Project 15% complete.

**Group Edit Note:**

We made a historical change to the S&P 500 constituent list used for INDNOs 1000510 & 1000511. PERMNO 12456 MOTOROLA MOBILITY HOLDINGS INC was added for 20110104-20120524 and PERMNO 42796 MEREDITH CORP was removed as of 20110104.

**INDIVIDUAL EDITS**

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
90780	AMERICAN ORIENTAL BIOENGRG INC	20120315	20120430	Removed all data from 20120316-20120430 and added delisting information on 20120315
59555	HONDA MOTOR LTD	19721214	20120430	Changed sharecode to 31 from 30 for entire history.
91873	ISHARES TRUST			Changed distribution code to 1222 from 1223 on exdates 20111101, 20111227, and 20120201.
61778	KYOCERA CORP	19760210	20120430	Changed sharecode to 31 from 30 for entire history.
51087	MAKITA CORP	19770131	20120430	Changed sharecode to 31 from 30 for entire history.
13028	MARKET VECTORS E T F TRUST			Changed distribution code to 1222 from 1212 on exdates 20111201, 20111228 and 20120402.
68145	NEONODE INC	20090102	20120430	Added zero namelines to reflect off-exchange activity from 20090102-20120430
88896	OIL SERVICE HOLDRS TRUST			Changed distribution code to 1214 from 2245 on exdate 20120222.
86742	QIAO XING UNIVERSAL RESOURCES	20120413	20120430	Removed all data from 20120416-20120430 and added delisting information on 20120413
51131	SONY CORP	19700917	21020430	Changed sharecode to 31 from 30 for entire history.
85635	TALISMAN ENERGY INC	20110601	20111207	Changed distribution code to 1242 from 1342 on ex-dates 20110601 & 20111207
78960	UNITED STATES ANTIMONY CORP	19910418	20120518	Added zero nameline to reflect off-exchange activity from 19910418-20120518.
11845	WPP GROUP PLC			Changed the ex date from 20010917 to 20010912

**APRIL 2012 DATA EDITS****GROUP EDITS**

BEGIN DATE	END DATE	DESCRIPTION
200912	201012	Reviewed and corrected historical 1212 distribution codes from the start of securities' distribution event histories. Changed distribution codes mainly to 1222, 1232, 1242, 1252 & 1262. Project is 10% complete

**INDIVIDUAL EDITS**

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
90493	ADVANCE AMERICA CASH ADV CTRS IN	20041216	20120330	Changed share class to class A for entire history
91194	CLOUGH GLOBAL OPPORTUNITIES FUND	20060426	20120430	Changed share code to 44 from 11 for entire history
90731	HERCULES TECHNOLOGY GRTH CAP INC	20050609	20120430	Changed share code to 14 from 11 for entire history
93209	I F M INVESTMENTS LTD	20120128	20120330	Changed share class to class A for entire history
93093	OI S A	20120330	20120330	Distribution amount changed to \$1.391444 from \$1.40754 on exdate 20120330
93049	Z S T DIGITAL NETWORKS INC	20120326	20120330	Removed halt record from 20120327-20120330 and added delist array on 20120326

## MARCH 2012

### NEW FILES

Beginning with our April shipments, all CRSPAccess databases include five new files that account for less than 1 MB of space. These files do not contain data, but provide infrastructure that will be needed sometime in the future. There is no action required on your part and you will not experience performance differences or note any differences at all in your current processes.

These files are a result of planning ahead for anticipated new products, and to allow physical growth in some of our existing products. The inclusion of these additional files will allow for backward compatibility and for a transparent transition to the future software upgrades that will support our products.

### MARCH 2012 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
28652	ARMSTRONG PHARMACEUTICALS INC	19911028	19911028	Changed closing price to -3.531 from -3.375, high to 3.625 from 0 and low to 3.437 from 0 for 19911028.
71538	BALDWIN TECHNOLOGY CO INC	19870116	20120330	Name changed from BALDWIN TECHNOLOGY INC to BALDWIN TECHNOLOGY CO INC for entire history.
27158	CENTRAL SOYA INC	19621224	19621224	Changed closing price to -33.00 from -30.00 to reflect bid/ask average for 19621224.
16782	CHICKASHA COTTON OIL CO	19621005	19621005	Changed closing price to -23.50 from -20.75 and volume to 0 from -99 to reflect bid/ask average for 19621005.
16096	CITY STORES CO	19751001	19751027	Changed closing prices for 19751001 to 0 from -1.9375 and volume to -99, for 19751007 closing price to 0 from -1.875 and volume to -99, for 19751008 closing price to 0 from -1.8125 and volume to -99, for 19751009 closing price to 0 from -1.8125 and volume to -99, for 19751010 closing price to 0 from -1.8125 and volume to -99, for 19751013 closing price to 0 from -1.8125 and volume to -99, for 19751021 to 0 from -1.9375 and volume to -99, for 19751027 to 0 from -1.8125 and volume to -99
12519	CLAYMORE E T F TRUST	20111228	20111228	Changed the distribution code to 1272 from 1222 on ex-date 20111228 with the dividend amount of 0.021. Changed regular distribution with a dividend amount to 0.089 from 0.89 on ex-date 20111228.
10046	COMMERCIAL PROGRAMMING UNLMTD	19860225	19860225	Changed close price to -15.875 from -15.375 and volume to 0 from 8500 to reflect bid/ask average for 19860225.
28994	HOME FIN GROUP INC	19620813	19620813	Changed closing price to -10.125 from -12.750, high to 10.375 from 0, low to 9.875 from 0, and volume to 0 from -99 to reflect bid/ask average for 19620813.
12899	MARKET VECTORS E T F TRUST	20110901	20120201	Changed distribution code from 1222 to 1223 on ex-dates from 20110901 to 20111201 and 20120201. Split capital gains amount of 0.1475 to monthly distribution with dividend amount of 0.13 and capital gains amount of 0.0175 on ex-date 20111228.
92888	MARKET VECTORS E T F TRUST	20090302	20111003	Changed distribution code from 1222 to 1223 on ex-dates from 20090302 to 20111003.
92572	MARKET VECTORS E T F TRUST	20080401	20081103	Changed distribution code from 1222 to 1223 on ex-dates from 20080401 to 20080602 and 20081103.
92496	MARKET VECTORS E T F TRUST	20071228	20081103	Changed distribution code from 1222 to 1223 on ex-dates from 20071228 to 20080401 and 20081103.
92539	MARKET VECTORS E T F TRUST	20080125	20081024	Changed distribution code from 1222 to 1223 on ex-dates from 20080125 to 20080324 and 20081024.
78447	TARO PHARM INDUSTRIES LTD	20061214	20120321	Added zero nameline to reflect off-exchange activity from 20061214 to 20120321.



PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
75652	TEVA PHARMACEUTICAL INDS LTD	20120223	20120223	Change quarterly distribution amount to 0.26295 from 0.26676 on ex-date 20120223.
83835	TORONTO DOMINION BANK ONT	19960830	20020430	Changed shares outstanding for 19960830-20020430
81577	WASHINGTON FEDERAL INC	20000301	20120229	Changed SIC code to 6035 from 6712 for 20000301-20120229

## FEBRUARY 2012 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
92216	AGFEED INDUSTRIES INC	20111219	20120131	Removed all data from 20111220-20120131 and added delisting information on 20111219.
92938	CHINA NATURAL GAS INC	20110920	20120131	Removed all data from 20110921-20120131 and added delisting information on 20110920.
92239	CONCHO RESOURCES INC	20100301	20120131	Changed company name to CONCHO RESOURCES INC from ONCHO RESOURCES INC for 20100301-present
89199	DEUTSCHE BANK A G	20100922	20100922	Changed acquiring permno to 95564 from 55564 on ex-date 20100922.
76573	MUELLER INDUSTRIES INC	20041027	20041027	Changed distribution code to 3852 from 3988 for distribution on ex-date 20041027
65875	VERIZON COMMUNICATIONS INC	20100702	20100702	Changed dividend amount to 1.764292 from 7.764292 for stock distribution on ex-date 20100702

## JANUARY 2012 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
45583	ANGELICA CORP	19721101	19721101	Removed declare date for distribution on ex-date 19721101
27561	BALTIMORE & OHIO RR CO	19661219	19661216	Changed declare dates to 19661219 from 19630204 for delisting distributions on ex-date 19661219
87381	CITY TELECOM H K LTD	20111216	20111216	Changed semi-annual dividend amount to 0.38617 from 0.38565 on ex-date 20111216.
92947	DUOYUAN GLOBAL WATER INC			Removed halt record and changed enddate from 2011230 to 20110419.
52679	HANCOCK JOHN INVS TR	19800414	19800414	Changed declare date to 19800403 from 19400403 for distribution on ex-date 19804014.
93376	ISHARES INC			Company name changed to ISHARES INC from ISHARES TRUST for entire history.
12949	ISHARES INC			Company name changed to ISHARES INC from ISHARES TRUST for entire history.
85616	LAN AIRLINES S A	20110105	20110908	Changed distribution code to 1212 from 1232 for ex-dates 20110105 and 20110908, to 1212 from 1242 for ex-date 20110511 and removed declare date for ex-date 20110908.
80004	MARINA BIOTECH INC	19931207	20080610	Changed name history from NASTECH PHARMACEUTICAL INC to NASTECH PHARMACEUTICAL CO INC for 19931207 - 20080610.
75096	MERIDIAN POINT REALTY TR VI CO	19960223	19960223	Removed declare dates for delisting distributions on ex-date 19960223
90393	NASTECH PHARMACEUTICAL CO INC			Changed name history from NASTECH PHARMACEUTICAL INC to NASTECH PHARMACEUTICAL CO INC throughout entire history.
92633	POWERSHARES E T F TRUST	20120113	20120113	Distribution code changed to 1222 from 1212 for exdate 20120113.
89756	REMARK MEDIA INC	20050714	20071002	Changed name history from INTAC INTERNATIONAL to INTAC INTERNATIONAL INC for 20050714 - 20071002.
76123	ST JOE CO	19720917	19720917	Changed declare date to 19920908 from 19720908 for distribution on ex-date 19920917.
15317	WESTERN MARYLAND RY CO	19751028	19751028	Removed declare date for distribution on ex-date 19751028.

## FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending December 2012. 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	29543	39	1538	1414	1	4	2407	10000	93436
MAZ	29542	39	1538	1414	1	4	2407	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20121231	1-23031
Month-end trading calendar	19251231-20121231	1-1045
Year-end trading calendar	19251231-20131231	1-89
Quarter-end trading calendar	19251231-20131231	1-353
Weekly trading calendar	19260102-20121231	1-4540

## 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	3.8 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	3.4 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite		DA - 1925 Daily US Stock MA - 1925 Monthly US Stock IN - CRSP Limited US Indexes
CRSP 1962 US Stock	A6Zyyyyymm	DVD	3.0 GB	CRSP NYSE/ AMEX/ NASDAQ Value-weighted Market, CRSP NYSE/ AMEX/ NASDAQ Equal-weighted Market, S&P 500 Composite, NASDAQ Composite		D6 - 1962 Daily US Stock M6 - 1962 Monthly US Stock IN - CRSP Limited US Indexes
CRSP 1962 US Stock and Index Database	AXZyyyyymm	DVD	3.3 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	116 MB			IF - CRSP Supplemental US Indexes
CRSP/Compustat Merged Database	CMZyyyyymm	DVD	8.28 GB			CM - Compustat Data formatted in CRSPAccess Database
Daily & Monthly Treasuries in CRSPSift	TRZyyyyymm	DVD	226 MB			TR - Database format for use with CRSPSift
Daily & Monthly Treasuries Files	TFZyyyyymm	DVD	1.2 GB			TF - New expanded daily and monthly files in EXCEL, SAS, and ASCII formats

PRODUCT NAME	DATABASE	MEDIA	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
Daily & Monthly Legacy Treasuries Files	TLZyymm	DVD	1.16 GB			TL - Legacy daily and monthly files in EXCEL, SAS, and ASCII formats
Mutual Fund Database	MFZyyyyymm	DVD	6 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyyymm	DVD	217 MB			RD - Daily REITs RM - Monthly REITs
CRSP/Ziman Monthly REIT	RMZyyyyymm	DVD	10.3 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:

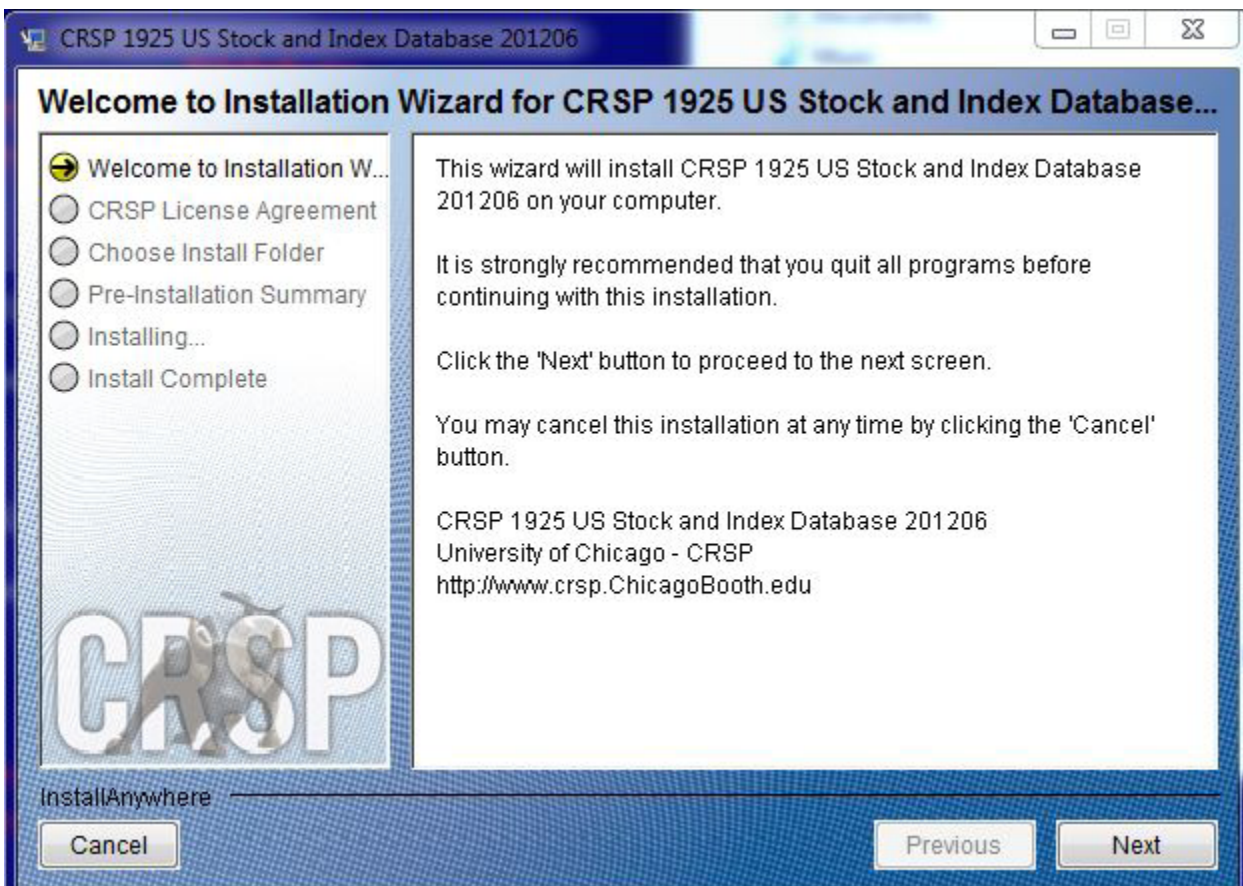
To install data, insert your DVD into the drive and from the Start Menu, select Run d:\setupwin32.exe. Click OK.

### SUN SOLARIS (DVD INSTALL):

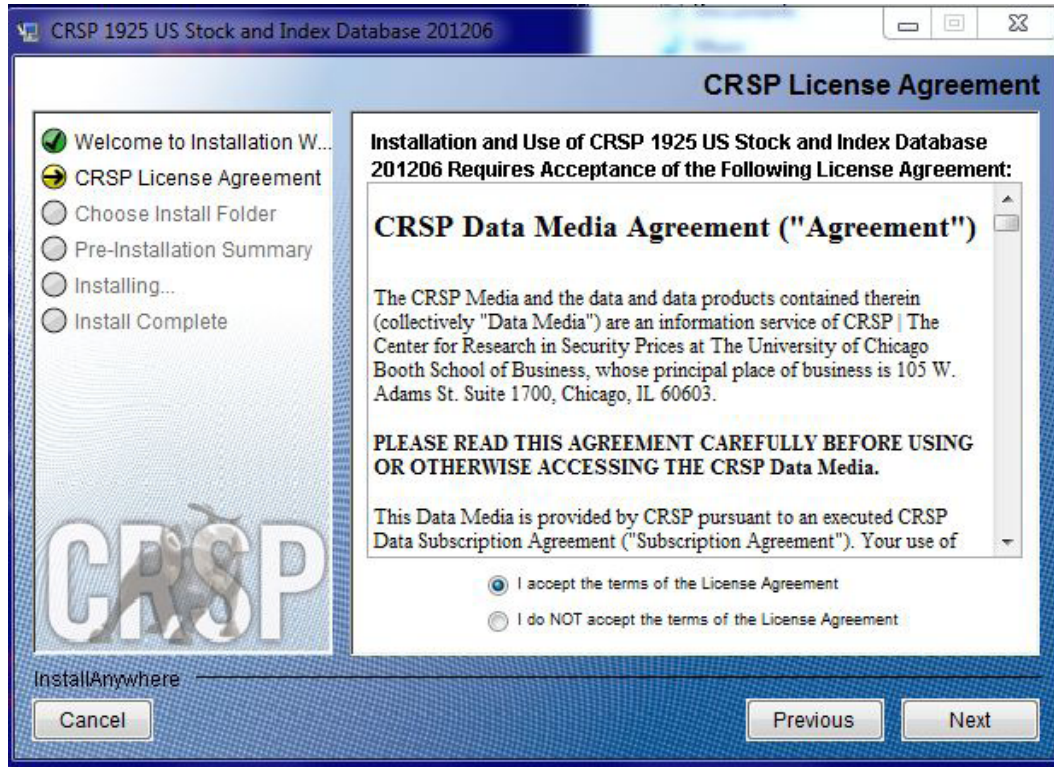
After inserting the DVD, a file manager will open with the file, `setupsolaris.bin`. Double click on this setup file to begin the installation process.

### 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.

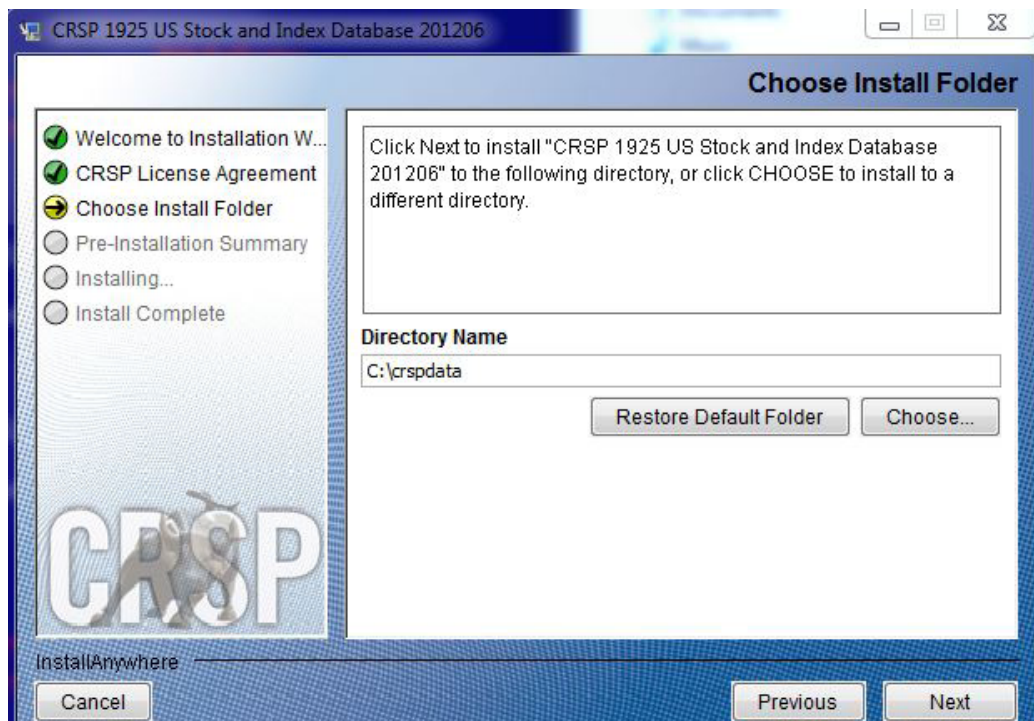


After clicking on **Next** on the Welcome screen, scroll through and read the CRSP Data and Utilities Agreement. Click to accept the terms of the license agreement. Click **Next**.

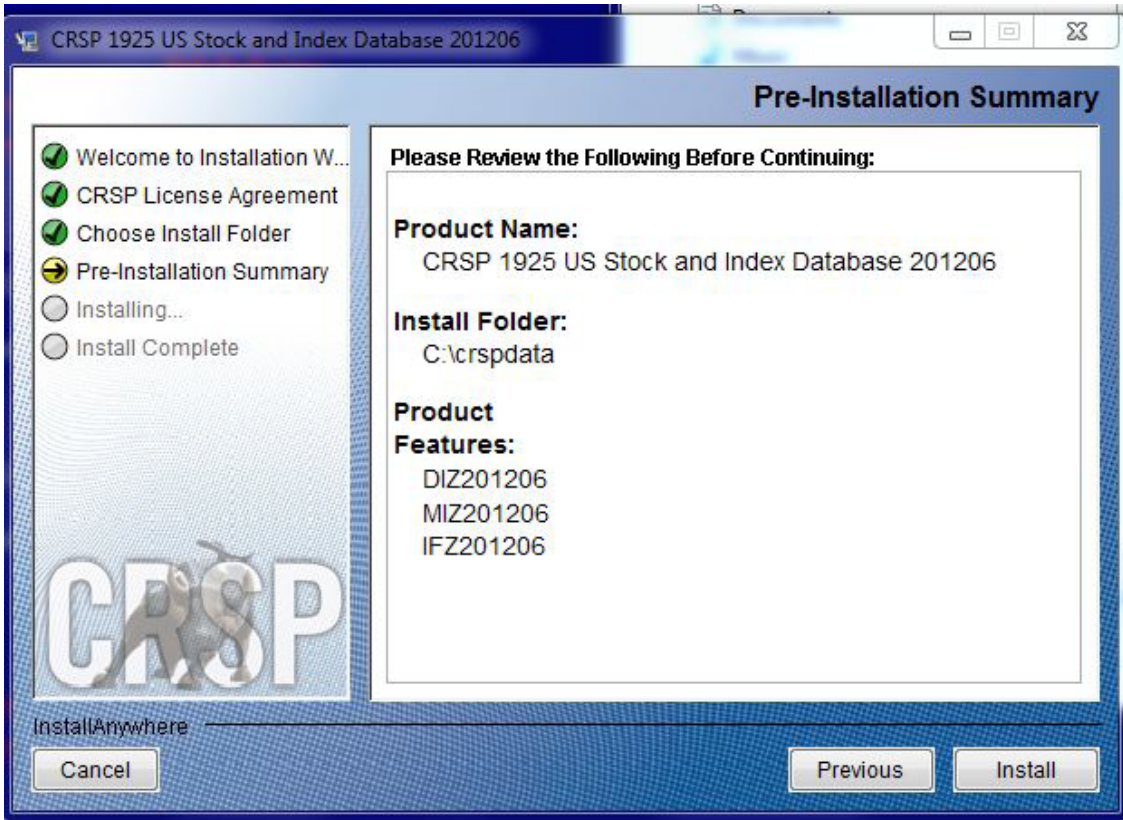


**WINDOWS:** The default directory for the data installation is `c:\crspdata`. You may accept or modify it. Click **Next**.

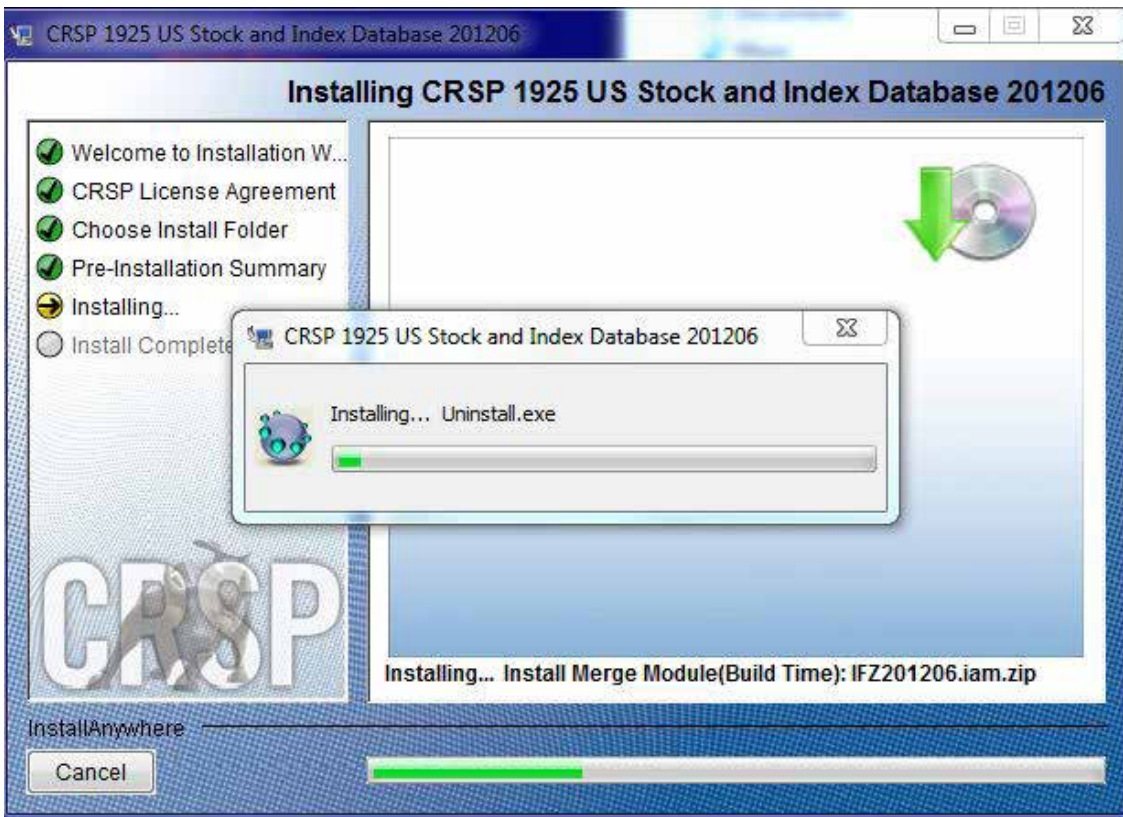
**SUN SOLARIS & LINUX:** The default directory for the data installation is `/crspdata`. You must have write permission to the directory you specify, for example, `/home/username/crspdata`.



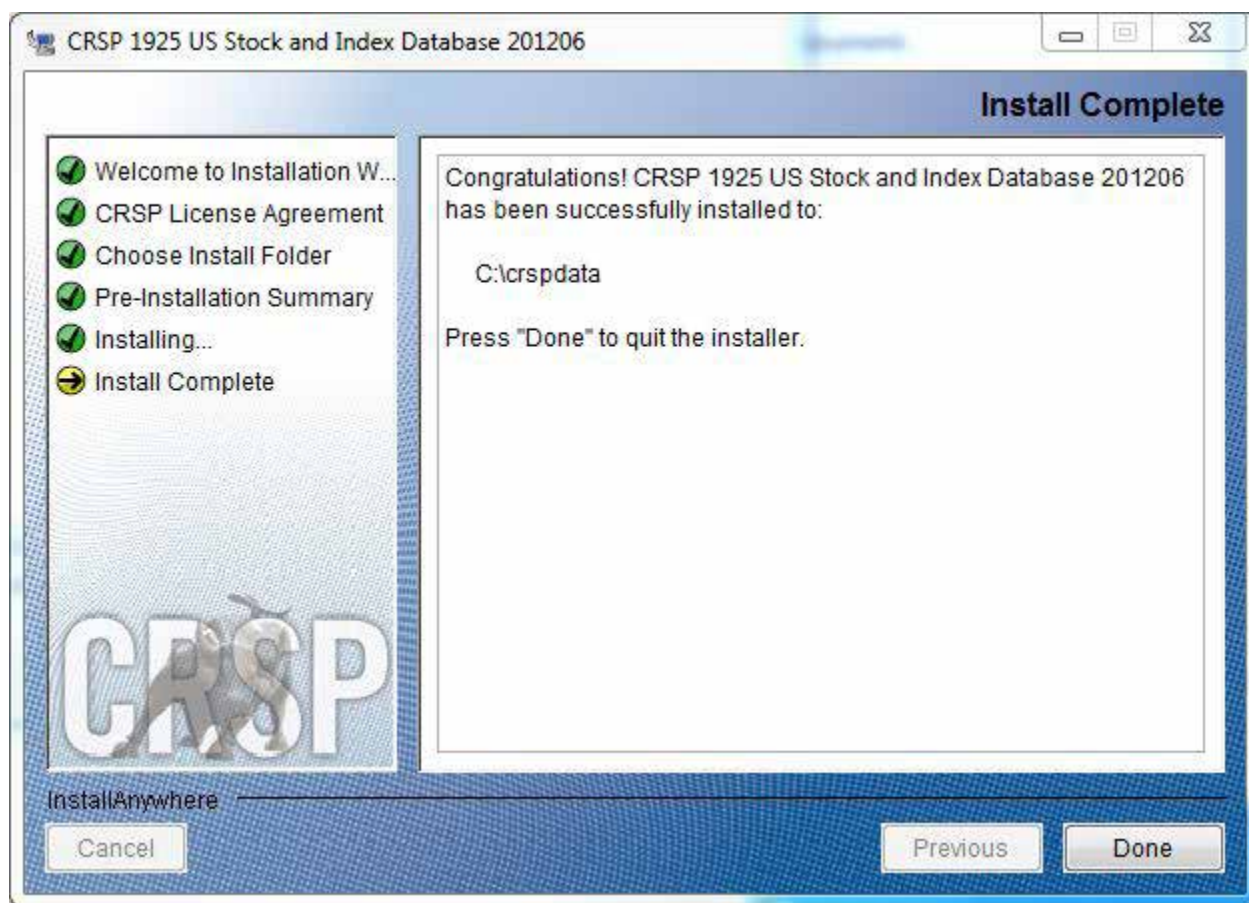
Summary information is displayed: Location, data components and the amount of space that is required for the data. Click on **Install** to proceed.



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
```

3. 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.

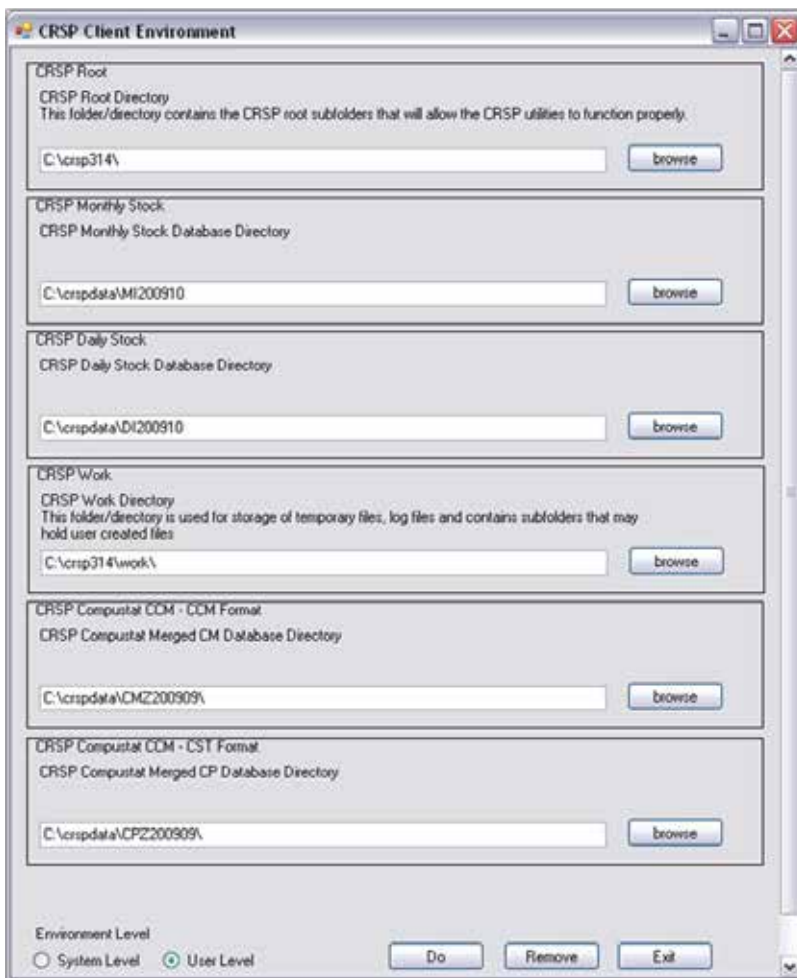
Note: When creating a custom `kshrc` file, be aware that it will overwrite a like-named file if one exists rather than create a new version. The `kshrc` file will overwrite all environment variables, so must be completely filled in.

`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.