

Datastream Frequently Asked Questions

What is Datastream?

Datastream is a vast, powerful database of market and economic data. It is an older database, running on older infrastructure, and has no Web interface.

What is Datastream good for?

Datastream has information on:

- Individual stocks and bonds
- Stock and bond indexes
- Credit default swaps (CDS)
- Mutual funds
- Macroeconomic indicators (GDP, FDI, etc.)
- Foreign exchange
- Interest rates
- Commodities
- Futures
- Options

It has both US and worldwide data.

It has current and historical data – some (but not all!) series go back nearly 40 years.

Who can use Datastream?

Haas School of Business students can access Datastream by logging into the stand-alone terminal using their Haas ID and password.

Department of Economics and other Berkeley students will need to be logged in by a librarian.

Our license with Datastream does not allow access for those outside the university.

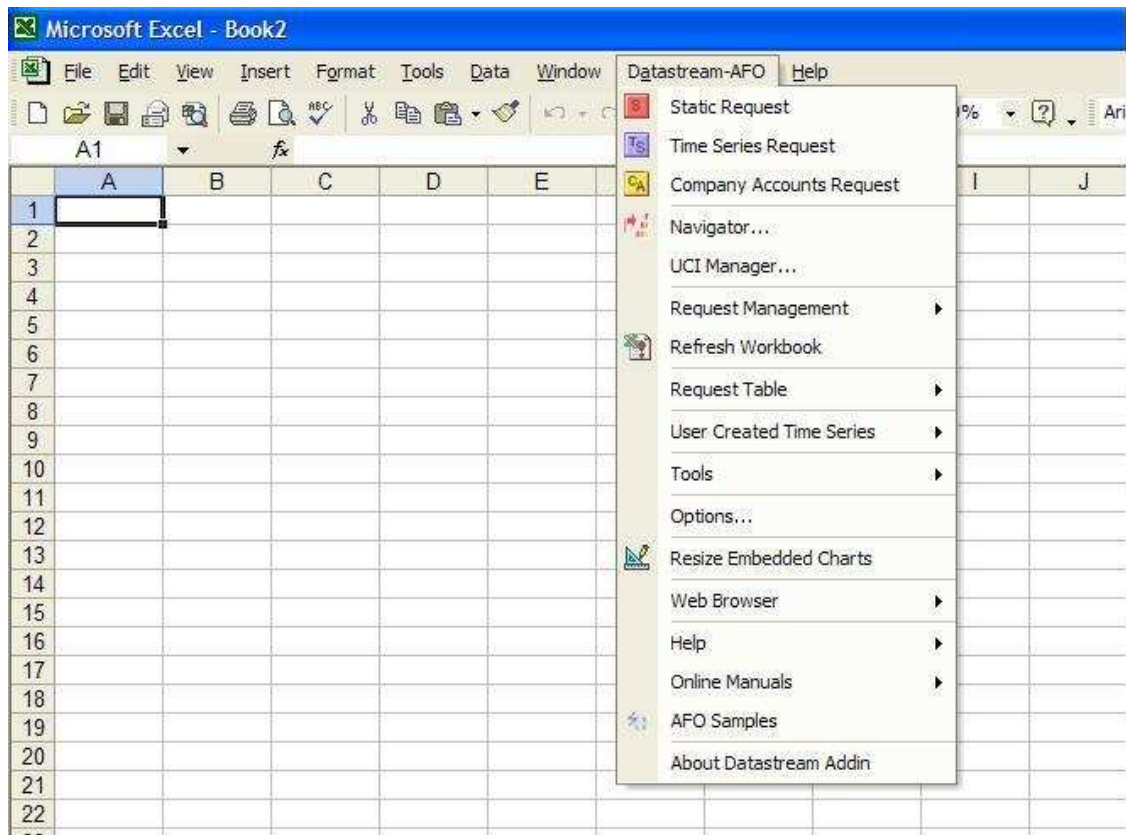
How do I access Datastream?

Datastream is only available on a single stand-alone terminal on the main floor of the library.

There is no remote or off-campus access.

The first time you use Datastream, you will need to install it on your user profile. Instructions can be found in the Datastream binder next to the terminal.

The best way to access the program is via an add-in to Microsoft Excel.



There are four steps to every Datastream request:

1. Choose a series.
2. Choose datatypes.
3. Specify dates.
4. Select output options.

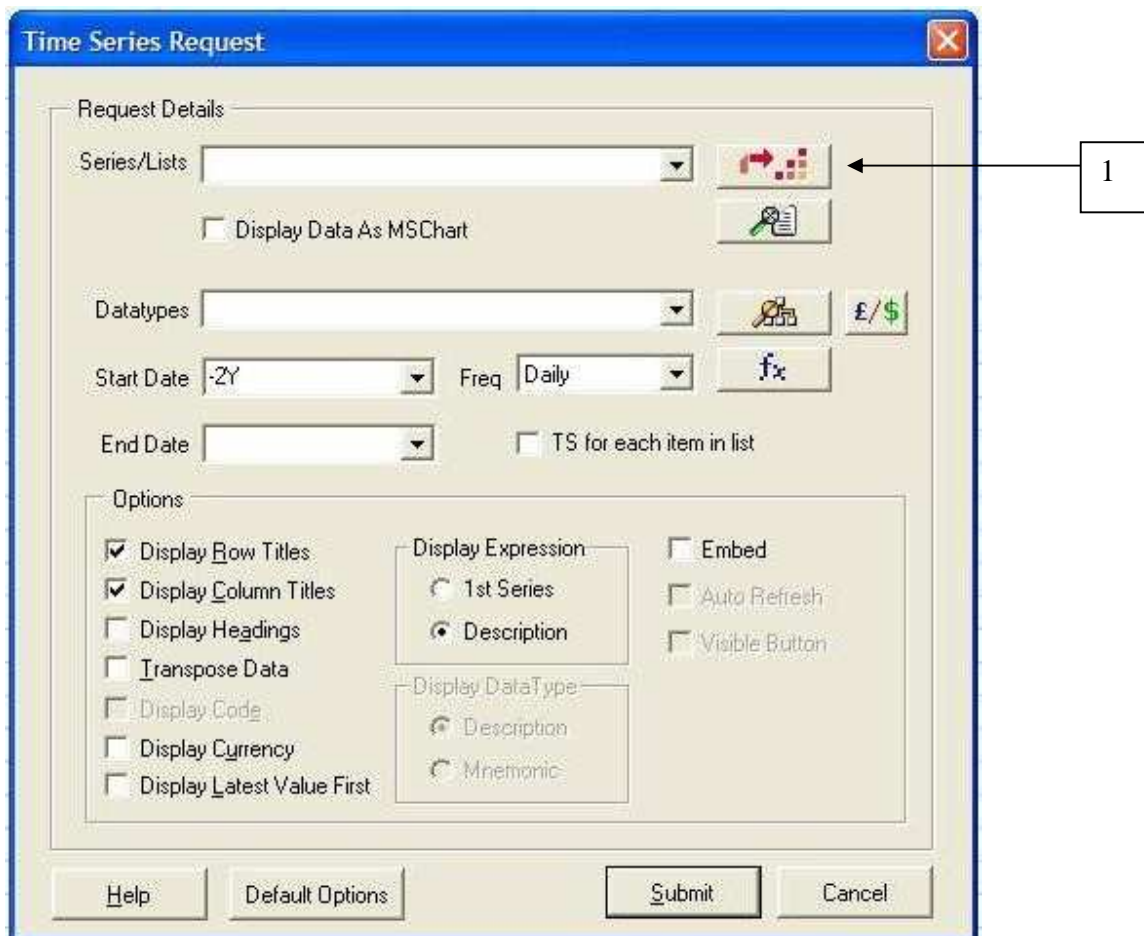
Let's start by searching for data on some individual equities.

A Basic Request in Datastream: Find historical price and volume data for an equity

Suppose we want historical stock price and volume data for Intel.

Go to the "Datastream-AFO" menu in Excel and select "Time Series Request."

Click on the red arrow to choose your series [1]. The Datastream Navigator will appear.



Mouse over the Data Category to make sure you're searching "Equities" [2]. Enter the company name in the "Name" field [3] and click "Search" [4] at the top of the page.

2

3

4

The screenshot shows the Thomson Datastream Navigator Series Search interface. At the top, the navigation bar includes 'THOMSON DATASTREAM NAVIGATOR', 'Series Search', 'UCI Create/Modify', 'UCTS', 'Help Browse', 'My Selections', 'Interactive Charting', and 'NAV BUILD:786'. Below the navigation bar, the 'Data Category' is set to 'Equities'. The search criteria form includes the following fields and options:

- Name:** Starts With dropdown, text input field containing 'intel', and '+' and '-' buttons.
- DS Mnemonic:** Contains dropdown, text input field, and '+' and '-' buttons.
- DS Code:** Contains dropdown, text input field, and '+' and '-' buttons.
- Market:** Equals dropdown, text input field, and '+' and '-' buttons.
- Base Date (dd/mm/yy):** Before dropdown, text input field, and '+' and '-' buttons.
- Currency:** Text input field, and '+' and '-' buttons.
- Primary Quote:** All, Yes, No
- Major Security:** All, Yes, No
- Adjusted Prices:** All, Yes, No
- Status:** All, Active, Dead, Suspended

On the right side of the interface, there are sections for 'Reset All Criteria', 'Search Operators', and 'Use AND Searching' / 'Use OR Searching' options.

When the “Results” page appears, click on the name or mnemonic of the security you want to analyze.

THOMSON DATASTREAM NAVIGATOR Series Search UCI Create/Modify UCTS Help Browse My Selections Interactive Charting NAV BUILD:786 CLOSE HELP

Data Category: Equities Use copied Explorer reference Extranet Back

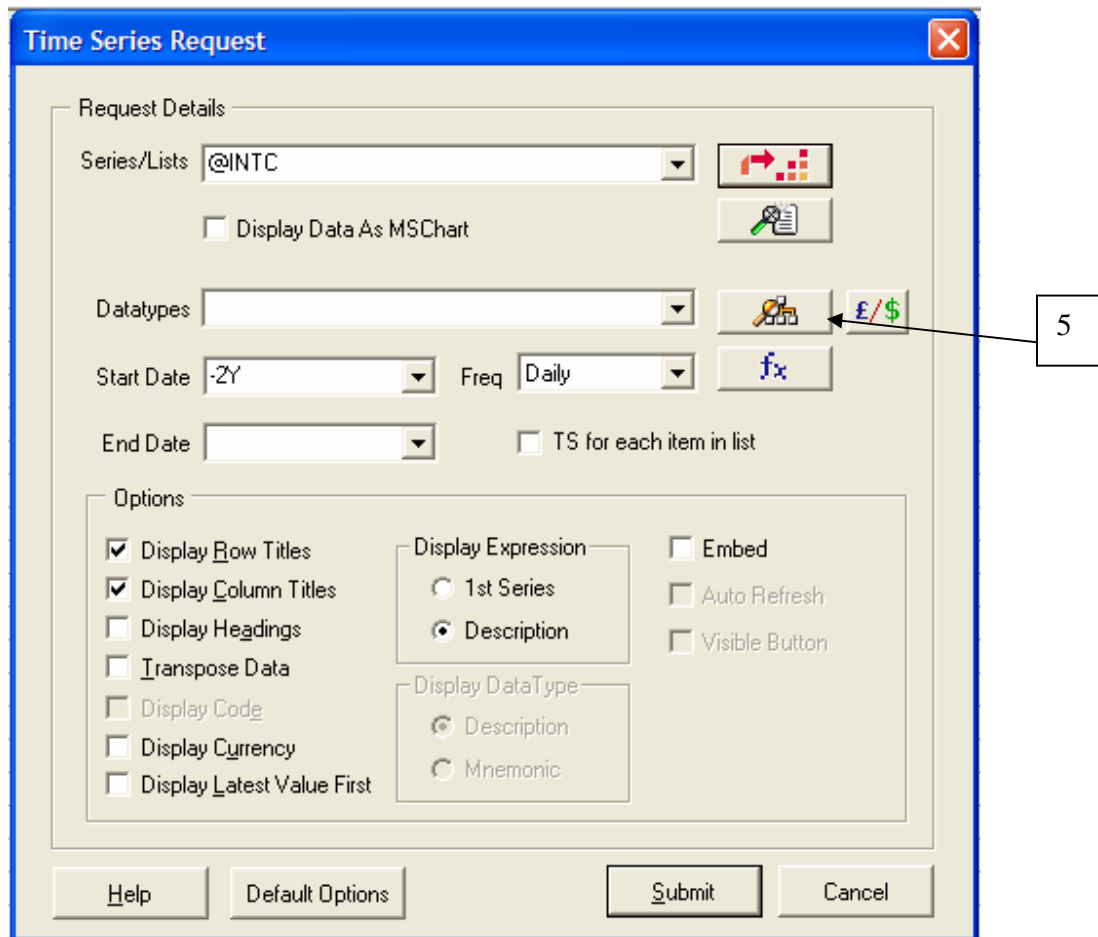
Set Criteria Retrieve Results Explorer Displayed Results 75 Name starts with intel

| Name | DS Mnemonic | DS Code | Market | Base Date | Currency | IBES | MSCI | WS |
|--------------------------|-------------|---------|----------------|-------------|----------------------|------|------|-----|
| INTEL | @INTC | 922726 | United States | Jan 2 1973 | United States Dollar | Yes | Yes | Yes |
| INTEL (AMS) | H:INX | 15139X | United States | Feb 1 2002 | United States Dollar | No | No | Yes |
| INTEL (FRA) | D:INL | 775900 | United States | Jan 20 1992 | Euro | No | No | Yes |
| INTEL (HKG) | K:INTE | 280030 | United States | May 31 2000 | Hong Kong Dollar | No | No | Yes |
| INTEL (LIM) | PE:INT | 274627 | United States | Aug 3 1999 | United States Dollar | No | No | Yes |
| INTEL (SWX) | S:INTC | 505738 | United States | Jun 28 1990 | Swiss Franc | No | No | Yes |
| INTEL (XET) | D:INLX | 688534 | United States | Oct 16 1998 | Euro | No | No | Yes |
| INTEL.DIG.INTEG.SCTY. | KO:IDG | 14642F | Korea | Sep 27 2001 | South Korean Won | Yes | Yes | Yes |
| INTEL.EDGE TECHS. | L:INTE | 15166T | Malaysia | Mar 18 2002 | Malaysian Ringgit | No | No | Yes |
| INTEL.MED.IMAG. | @IMIQ | 873598 | United States | Mar 22 1996 | United States Dollar | Yes | No | Yes |
| INTELECOM | @IECM | 50593U | United States | Jul 25 2007 | United States Dollar | No | No | No |
| INTELECOM GROUP | N:ITC | 257536 | Norway | Jun 13 2001 | Norwegian Krone | Yes | No | Yes |
| INTELECOM GROUP (BER) | D:CBN | 32990C | Norway | Mar 28 2006 | Euro | No | No | Yes |
| INTELEFILM | @FILM | 322321 | United States | May 13 1993 | United States Dollar | Yes | No | Yes |
| INTELEK | ITK | 901451 | United Kingdom | Jul 8 1981 | United Kingdom Pound | Yes | No | Yes |
| INTELGENX TECHNOLOGIES | @IGXT | 414518 | United States | Jan 16 2007 | United States Dollar | Yes | No | No |
| INTELGENX TECHS. (TSX) | C:IGX | 52471J | United States | May 23 2008 | Canadian Dollar | No | No | No |
| INTELIS | D:ARS | 412262 | Germany | Sep 21 2006 | Euro | No | No | Yes |
| INTELIS (XET) | D:ARSX | 412263 | Germany | Sep 21 2006 | Euro | No | No | Yes |
| INTELLECT NEUROSCIENCES | @ILNSE | 50547H | United States | Jun 13 2007 | United States Dollar | No | No | No |
| INTELLECTA 'B' | W:ICTA | 505415 | Sweden | May 8 1990 | Swedish Krona | Yes | No | Yes |
| INTELLECTUAL TECH. | @ITTI | 883722 | United States | Oct 1 1996 | United States Dollar | Yes | No | Yes |
| INTELLEGO HOLDINGS | IHP | 29918K | United Kingdom | Dec 16 2004 | United Kingdom Pound | Yes | No | Yes |
| INTELLEGO HOLDINGS (BER) | D:LXX | 31140T | United Kingdom | May 24 2005 | Euro | No | No | Yes |
| INTELLEX | J:INLX | 30476K | Japan | Apr 15 2005 | Japanese Yen | Yes | No | Yes |
| INTELLI-CHECK-MOBILISA | U:IDN | 27748D | United States | Nov 19 1999 | United States Dollar | Yes | No | Yes |
| INTELLI-MEDIA GP.HDG. | K:PANO | 15484J | Hong Kong | May 9 2002 | Hong Kong Dollar | Yes | No | Yes |
| INTELLIGENT ENV GP (OTC) | @ITEVE | 15264R | United Kingdom | Oct 2 2003 | United States Dollar | No | No | Yes |

Items 1-41 of 41

Criteria Retrieve Results Reset All Criteria Printable version

The Navigator window will close automatically, and your chosen series will appear in the “Time Series Request” dialog.



Now it's time to choose our datatypes. Click the yellow and white icon [5].

The Navigator will appear again, this time with a list of datatypes. (Note that not every series has data available. Restricting to “Key Datatypes” produces the most reliable results [6]).

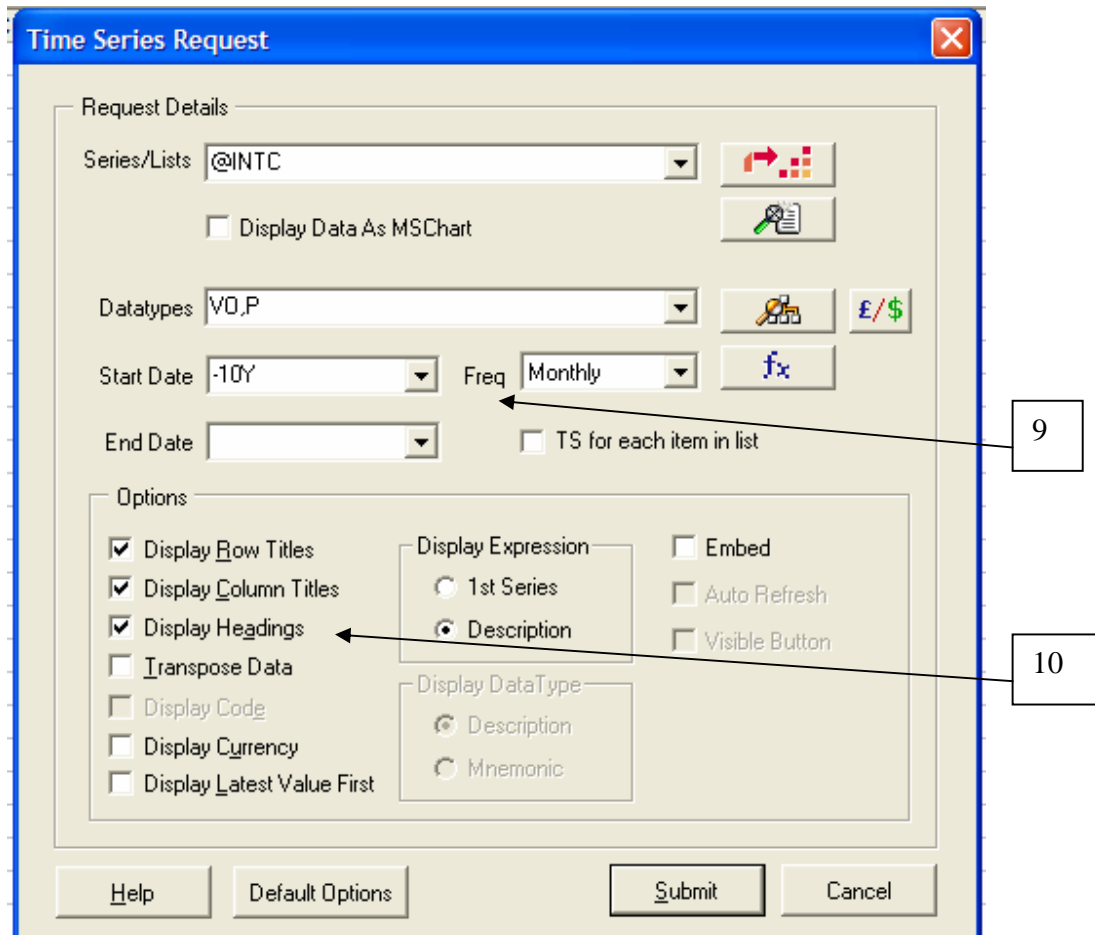
Check the boxes next to your datatypes [7] and click “Use Selected” [8].

The screenshot shows the Thomson Datastream Navigator interface. The top navigation bar includes 'THOMSON DATASTREAM NAVIGATOR', 'Datatype Search', 'My Selections', and 'Interactive Charting'. The 'Data Category' is set to 'Equities'. The search filters are set to 'Name' and 'Contains'. The 'Datatype' filter is set to 'All', and 'Key WS Item' is set to 'All'. The 'Worldscope Report Type' is set to 'Annual'. The left sidebar shows a tree view with 'Key Datatypes' selected. The main table lists various datatypes with checkboxes in the 'Use Selected' column. The 'Price (Adjusted - Default)' checkbox is checked. The 'Use Selected' button is highlighted with a box labeled '8'. The bottom status bar shows 'Items 1-52 of 52' and a box labeled '7' points to the bottom of the table.

| Name | Use Selected | Mnemonic |
|---------------------------------|-------------------------------------|----------|
| Market Value (Capital) | <input type="checkbox"/> | MV |
| Market Value For Company | <input type="checkbox"/> | MVC |
| Mnemonic | <input type="checkbox"/> | MNEM |
| Name | <input type="checkbox"/> | NAME |
| Net Sales Or Revenues | <input type="checkbox"/> | WC010 |
| Number Of Shares | <input type="checkbox"/> | NOSH |
| Price - Ask | <input type="checkbox"/> | PA |
| Price - Bid | <input type="checkbox"/> | PB |
| Price - Currency | <input type="checkbox"/> | PCUR |
| Price - Intraday High | <input type="checkbox"/> | PH |
| Price - Intraday Low | <input type="checkbox"/> | PL |
| Price - Opening | <input type="checkbox"/> | PO |
| Price (Adjusted - Default) | <input checked="" type="checkbox"/> | P |
| Price Currency (ISO Code) | <input type="checkbox"/> | ISOCU |
| Price Index | <input type="checkbox"/> | PI |
| Price To Book Value | <input type="checkbox"/> | PTBV |
| Price/Cash Earnings Ratio | <input type="checkbox"/> | PC |
| Price/Earnings Curr Year (IBES) | <input type="checkbox"/> | PE1 |
| Price/Earnings Next Year (IBES) | <input type="checkbox"/> | PE2 |
| Price/Earnings Ratio (Adjusted) | <input type="checkbox"/> | PE |
| Price/EBG Ratio (FY1) | <input type="checkbox"/> | PG1 |
| Price/EBG Ratio (FY2) | <input type="checkbox"/> | PG2 |
| Time - Latest Value | <input type="checkbox"/> | TIME |
| Total Return Index | <input type="checkbox"/> | RI |
| Turnover by Volume | <input checked="" type="checkbox"/> | VO |
| Unadjusted Price | <input type="checkbox"/> | UP |
| Unit Of Price - Adjusted | <input type="checkbox"/> | P.U |

The datatypes you chose will appear in the “Time Series Request” dialog.

Finally, choose your date range [9] and output options [10], and click Submit.



Your output should look like this:

The screenshot shows an Excel spreadsheet with the following data:

| | A | B | C | D | E |
|----|-----------|----------------------------|-----------|----------|---|
| 1 | Start | | 11/3/1998 | | |
| 2 | End | | 11/3/2008 | | |
| 3 | Frequency | M | | | |
| 4 | Name | INTEL - TURNOVER BY VOLUME | | INTEL | |
| 5 | Code | @INTC(VO) | | @INTC(P) | |
| 6 | 11/3/1998 | | 1557820 | 22.6094 | |
| 7 | 12/3/1998 | | 1409576 | 27.375 | |
| 8 | 1/3/1999 | | 988889.2 | 29.6406 | |
| 9 | 2/3/1999 | | 1562660 | 34.6719 | |
| 10 | 3/3/1999 | | 1677105 | 28.6719 | |
| 11 | 4/3/1999 | | 1339796 | 30.2187 | |
| 12 | 5/3/1999 | | 943007.7 | 31.5625 | |
| 13 | 6/3/1999 | | 915870.3 | 25.25 | |
| 14 | 7/3/1999 | | 855241.4 | 31.75 | |
| 15 | 8/3/1999 | | 1065079 | 36.4687 | |
| 16 | 9/3/1999 | | 1096410 | 44.6562 | |
| 17 | 10/3/1999 | | 935522.8 | 37.4687 | |
| 18 | 11/3/1999 | | 1304691 | 39.875 | |
| 19 | 12/3/1999 | | 830569.6 | 39.3437 | |
| 20 | 1/3/2000 | | 785666.9 | 43.5 | |
| 21 | 2/3/2000 | | 1504904 | 52.0937 | |
| 22 | 3/3/2000 | | 920315.9 | 59.625 | |
| 23 | 4/3/2000 | | 1069547 | 65.3124 | |
| 24 | 5/3/2000 | | 1304226 | 59.5312 | |
| 25 | 6/3/2000 | | 1088704 | 67.0937 | |
| 26 | 7/3/2000 | | 776858.2 | 68.4374 | |
| 27 | 8/3/2000 | | 514878 | 65.0625 | |
| 28 | 9/3/2000 | | 612918.6 | 73.9375 | |
| 29 | 10/3/2000 | | 1593543 | 40.3125 | |
| 30 | 11/3/2000 | | 1523668 | 45.9375 | |
| 31 | 12/3/2000 | | 958783.1 | 34.125 | |
| 32 | 1/3/2001 | | 1247537 | 34.2344 | |
| 33 | 2/3/2001 | | 1285180 | 35.6875 | |
| 34 | 3/3/2001 | | 928904.5 | 29.3125 | |
| 35 | 4/3/2001 | | 1413145 | 25 | |
| 36 | 5/3/2001 | | 1356054 | 30.4002 | |
| 37 | 6/3/2001 | | 908228.8 | 28.74 | |