

As It Happened: Economic Data and Publications as Snapshots in Time

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Robert Suriano
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NEWS from the

U. S. DEPARTMENT OF LABOR

James P. Mitchell, Secretary

USDL-2248

FOR RELEASE: 1:00 P.M., Wednesday
December 11, 1957

EMPLOYMENT, HOURS,
AND EARNINGS

Bureau of Labor Statistics
Executive 3-2420
Extension 351

EMPLOYMENT, HOURS, AND EARNINGS: NOVEMBER 1957

This report supplements the joint Labor and Commerce Departments' statement on employment and unemployment developments released today. It provides additional information on nonagricultural employment and on hours and earnings in manufacturing industries.

Nonfarm employment, which usually rises between October and November, dropped by 300,000 over the month to a level of 52.8 million, the U. S. Department of Labor's Bureau of Labor Statistics announced today. There were continued sharp cutbacks in manufacturing and greater than seasonal declines in construction and transportation employment. The seasonal pickup in employment in trade was small compared to recent years.

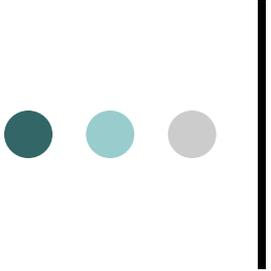
For the first time in almost 3 years, nonfarm employment fell below year-ago levels; it was 250,000 under last November. Manufacturing jobs, which have been generally declining since the beginning of 1957, were 625,000 below a year ago.

The average workweek of factory production workers dropped by 0.3 hours



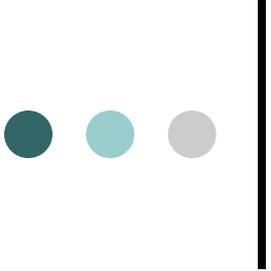
Series Name	First column	Last column	First observation
Civilian Employment	11-Jan-66	24-Sep-04	Jan-48
Exports of Goods and Services Constant	Jan-66	24-Sep-04	Mar-47
Exports of Goods and Services Current	Jan-66	1-May-04	Mar-46
Government Purchases of Goods and Services, Constant	Jan-66	1-Mar-04	Mar-47
Government Purchases of Goods and Services, Current	Jan-66	1-Mar-04	Mar-46
Gross Domestic Product, Constant Prices	Jan-66	1-Mar-04	Mar-47
Gross Domestic Product, Current Prices	Jan-66	1-Mar-04	Mar-46
Gross Private Domestic Investment, Constant	Jan-66	1-May-04	Mar-47
Gross Private Domestic Investment, Current	Jan-66	1-May-04	Mar-46
Imports of Goods and Services, Constant	Jan-66	1-Jun-04	Mar-47
Imports of Goods and Services, Current	Jan-66	1-Jun-04	Mar-46
Industrial Production	May-27	1-Jan-04	Jan-19
Output per Man Hour, Business Sector	Jun-68	1-Jun-04	Mar-47
Output per Man Hour, Nonfarm Business Sector	Jun-68	1-Jun-04	Mar-47
Payroll Employment	17-Jan-66	24-Sep-04	Jan-39
PCE, Constant	Jan-66	1-Aug-99	Mar-47
PCE, Current	Jan-66	1-Aug-99	Mar-46
Monthly Personal Income, Nominal	19-Jan-66	1-May-04	Jan-46
Monthly Personal Income, Real	Nov-76	Sep-04	Jan-48
Monthly Disposable Personal Income, Constant	Jan-79	Sep-04	Jan-48
Monthly Disposable Personal Income	Jan-79	Sep-04	Jan-48
Retail Sales, Nominal	17-Jan-66	1-Aug-99	Jan-47
Unit Labor Costs, Private Business Sector	Jun-68	2-Jul-04	Mar-47
Real Manufacturing and Trade Sales	Nov-76	Sep-04	Jan-48

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1	CE16OV	CE16OV_111168	CE16OV_121268	CE16OV_011069	CE16OV_020169	CE16OV_031169	CE16OV_040969	CE16OV_050769	CE16OV_
2	Total Civilian Employment								
3		31-Oct-68	30-Nov-68	31-Dec-68		28-Feb-69	31-Mar-69	30-Apr-69	31-
4		22-Nov-68	20-Dec-68	21-Jan-69		21-Mar-69	23-Apr-69	21-May-69	20
5	Release Date								
6	Date of Preparation	11-Nov-68	12-Dec-68	10-Jan-69	Feb-69	11-Mar-69	9-Apr-69	7-May-69	11
234	Dec-66	73796	73796	73796	73778	73778	73778	73778	
235	Jan-67	74094	74094	74094	74095	74095	74095	74095	
236	Feb-67	74063	74063	74063	74022	74022	74022	74022	
237	Mar-67	73822	73822	73822	73764	73764	73764	73764	
238	Apr-67	73939	73939	73939	73951	73951	73951	73951	
239	May-67	73550	73550	73550	73527	73527	73527	73527	
240	Jun-67	74169	74169	74169	74139	74139	74139	74139	
241	Jul-67	74478	74478	74478	74488	74488	74488	74488	
242	Aug-67	74664	74664	74664	74697	74697	74697	74697	
243	Sep-67	74638	74638	74638	74656	74656	74656	74656	
244	Oct-67	74735	74735	74735	74789	74789	74789	74789	
245	Nov-67	75005	75005	75005	75007	75007	75007	75007	
246	Dec-67	75577	75577	75577	75473	75473	75473	75473	
247	Jan-68	75167	75167	75167	75086	75086	75086	75086	
248	Feb-68	75731	75731	75731	75640	75640	75640	75640	
249	Mar-68	75802	75802	75802	75764	75764	75764	75764	
250	Apr-68	75636	75636	75636	75653	75653	75653	75653	
251	May-68	75829	75829	75829	75932	75932	75932	75932	
252	Jun-68	76048	76048	76048	76005	76005	76005	76005	
253	Jul-68	76038	76038	76038	76020	76020	76020	76020	
254	Aug-68	75929	75929	75929	75973	75973	75973	75973	
255	Sep-68	75957	75957	75957	76000	76000	76000	76000	
256	Oct-68	75952	75952	75952	76002	76002	76002	76002	
257	Nov-68	#N/A	76389	76389	76388	76388	76388	76388	
258	Dec-68	#N/A	#N/A	76867	76765	76765	76765	76765	
259	Jan-69	#N/A	#N/A	#N/A	77229	77229	77229	77229	
260	Feb-69	#N/A	#N/A	#N/A	#N/A	77729	77729	77729	
261	Mar-69	#N/A	#N/A	#N/A	#N/A	#N/A	77767	77767	
262	Apr-69	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	77605	
263	May-69	#N/A							



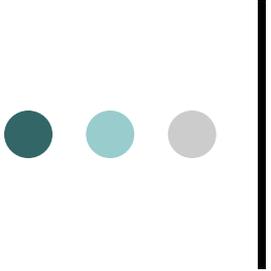
Federal Reserve System

- Board of Governors
- Federal Reserve Banks
 - 12 different banks



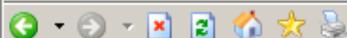
Why St. Louis?

- Homer Jones
- Monetarists/Keynesians
- Federal Reserve Bank of St. Louis
Review
- Empirical data



Data publications produced

- Triangles of US Economic Data (monthly, Jan 1966-May 1967)
- Triangles of US Economic Data: Quarterly Supplement (Jan 1966-May 1967)
- USFD (weekly, January 1966-)
- Monetary Trends (monthly, June 1967-)
- National Economic Trends (monthly, August 1967 -)


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Groups Search result 22 for FRED economic data federal reserve

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- [Monetary Policy Insights](#) • Analysis of Fed policy and interest rates from Laurence H. Meyer • www.meyersmpi.com
- [Baby Boomer Age Explosion](#) • Harvard Generations Policy Journal Paul Hodge, Founding Editor • www.genpolicy.com

From: [Michael D. Garrett \(GARRETT@RHODES.BITNET\)](#)

Search Result 22

Subject: **Federal Reserve Data** on BITNET?

Newsgroups: [bit.listserv.help-net](#)

View: [Complete Thread \(3 articles\)](#)

Date: 1993-03-02 16:16:21 PST

[Original Format](#)

Hello

The **Federal Reserve** in St. Louis offers **economic** time-series **data**, updated daily, on money supply, fiscal variables, etc. to anyone with a modem and a computer. Good stuff. It is called **FRED** and is accessible at 314/621-1824.

They are not hooked to any network. Does anyone know of a source of such info on BITNET or INTERNET. Dialing in from Memphis is a little pricey and error prone at 1200 baud.

Thanks

Mike Garrett
Rhodes College, Memphis TN, Garrett@Rhodes.BITNET

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Start



Katrina L Stierho...

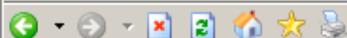
Morgan Stanley ...

Google Search...

Document1 - Mic...

Microsoft Power...

<< 9:47 AM



Welcome to the Federal Reserve Bank of St. Louis' *FRED* database.

[Disclaimer](#)

[Changes to the *FRED* database](#) -- April 19, 1996

[ASCII file index](#) of all series available on the *FRED* database

[FTP MAIL](#) -- This program will allow users to request select *FRED* data files using email. The file(s) that are requested will then be sent back to the user via email.

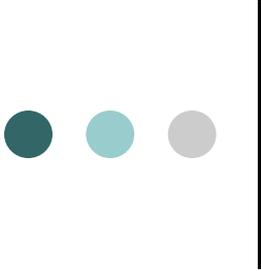
- [Information about *FRED*](#)
- [Data files](#) -- index of historical data series available
- [Federal Reserve Board Statistical Releases](#) -- H3, H15, G17, etc.
- [Beige Book, Summary of Current Economic Conditions by District](#) -- at the Federal Reserve Board
- [Economic Research](#) -- *Review, Regional Economist*, list of working papers
- [The New St. Louis Adjusted Monetary Base series](#)
- [Monetary Services Index \(MSI\) Project](#) **NEW** -- database containing monetary services indexes

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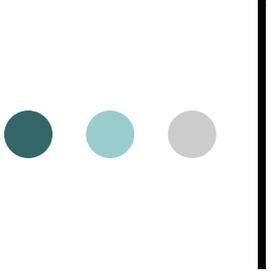
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Please send comments or questions to webmaster@stls.frb.org.



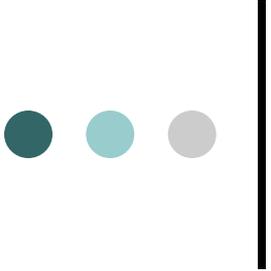
Electronic Data, and other problems

- FRED
- Library issues
- Archived data



Economic Data at STLFRB

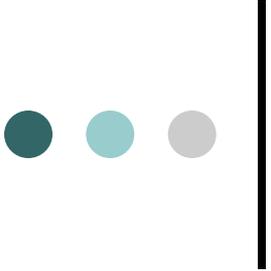
- Data publications
- FRED
- FRASER
 - Development & process
 - Where we are
- Future projects



Data Publications

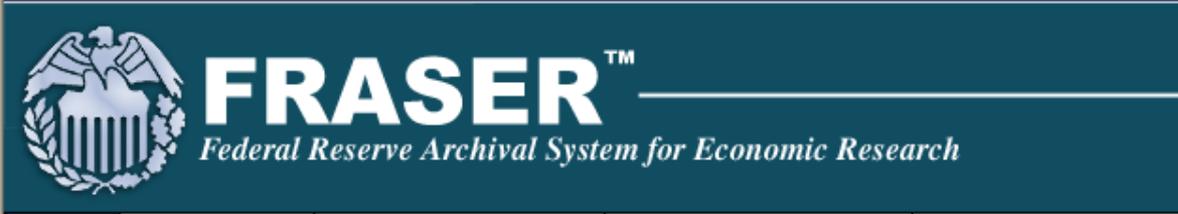
- Economic Publications
 - *Regional Economist, Review*
- Statistical Reports
 - *Monetary Trends, National Economic Trends, International Economic Trends, US Financial Data*
- Federal Reserve System Reports
 - *Beige Book, Industrial Production & Capacity Utilization, Minutes of the FOMC*

<http://research.stlouisfed.org/publications/>



FRED

- Over 3,000 economic time-series
- Data from Department of Labor, Department of Census, Board of Governors of the Federal Reserve, Office of Management and Budget
- Data accessible in flat text (ASCII), spreadsheet (MS Excel)
- Data graphically displayed online
- Email notification when updated
- <http://research.stlouisfed.org/fred2/>



SEARCH
Search for Tables

- Publications**
- » All Bank Statistics 1896 - 1955
 - » Annual Statistical Digest
 - » Banking and Monetary Statistics 1914-1941
 - » Banking and Monetary Statistics 1941-1970
 - » Business Statistics (Supplement to the Survey of Current Business)
 - » Concordance of Statistics
 - » Economic Indicators
- Statistical Releases**
- » Productivity and Costs
- Historical Documents**

Welcome to FRASER™

The Federal Reserve Archival System for Economic Research is the newest project by the [Research Division of the Federal Reserve Bank of St. Louis](#) to expand on its mission to provide economic information and data to researchers interested in the U.S. economy. On this web site you will find links to scanned images (in Adobe® Acrobat® PDF format) of historical economic statistical publications, releases, and documents.

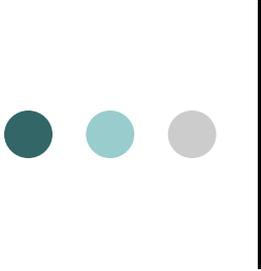
When used in connection with data contained in [FRED® \(Federal Reserve Economic Data\)](#), FRASER™ allows the researcher to create uninterrupted data series by accessing sources previously available only in printed form and those currently available electronically (on FRED®). In addition, the ability to retrieve series presented in preliminary, revised, and final releases provides a powerful tool in recreating and evaluating previous economic research and policy.

We invite you to explore this new and exciting project as well as contribute to its growth. Our goal is to continually add to the information contained in FRASER, and we welcome suggestions for additional publications and data.

PLEASE GIVE US YOUR FEEDBACK!

Help us make FRASER better by taking a moment to complete a quick survey. We would like to know what you think about the site and the information we are providing,

Take our Survey!

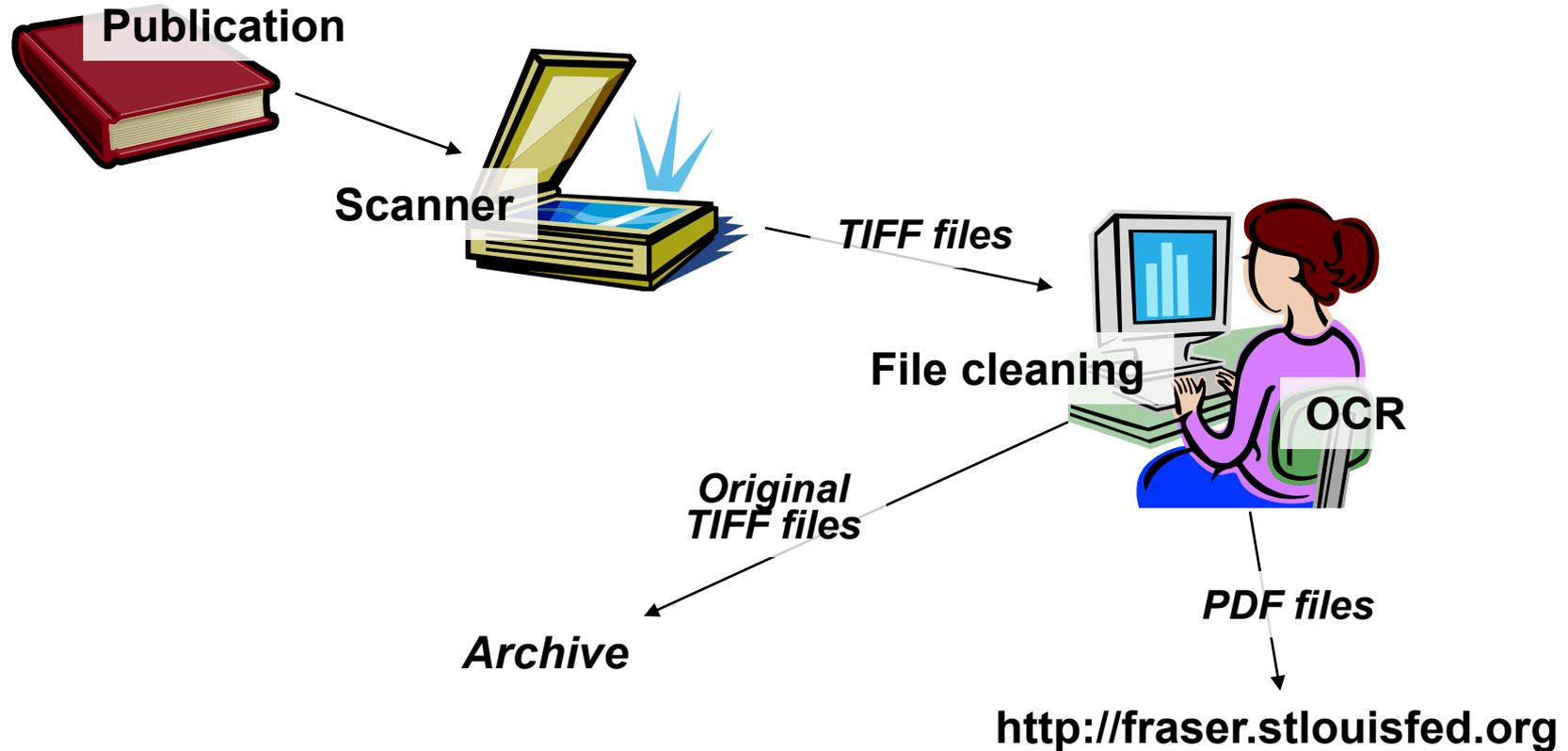


FRASER

- Electronic archive of historic economic statistical publications
- *All Bank Statistics, Annual Statistical Digest, Banking and Monetary Statistics, Economic Indicators, Productivity and Costs*
- Future additions include *Business Conditions Digest* and the *Economic Report of the President*
- Extension of data series available on FRED

<http://fraser.stlouisfed.org/>

FRASER workflow



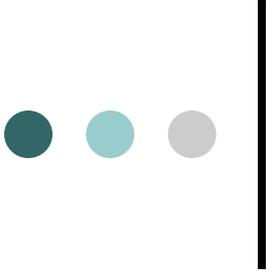
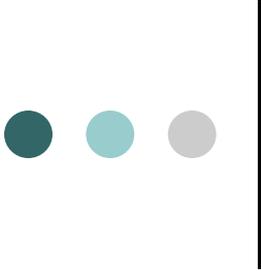
A decorative graphic consisting of three colored circles (dark teal, light teal, and grey) and a vertical line to their right.

Image Preparation (File Cleaning)

- Removal of non-published marks and imperfections
 - Imaging imperfections
 - Misalignment
 - Handwritten notations and highlighting
 - Library stamps



FRASER Production Status

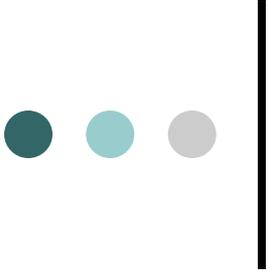
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Future Projects

Metadata

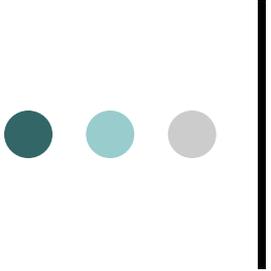
Increase the usefulness of FRASER

ALFRED

Archival library of real-time economic and financial data

Union Catalog

Information and direct links to economic resources



Scanning and Preparation Tools

- Kodak i260 document scanner
- Kodak Capture Software
- ScanSoft PaperPort
- ABBYY FineReader

OCR Considerations

- Quality of original
- Printed text size
- Scanning resolution vs. file size

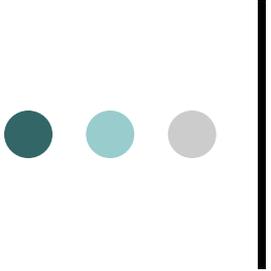
Business Statistics, 100%

43.9	43.8	40.0	47.3	60.1	20.3
56.4	58.3	57.7	57.6	64.8	22.8
69.3	73.1	79.9	63.7	67.0	25.6
82.9	88.7	102.9	70.7	69.0	28.3
81.7	86.3	100.9	68.2	74.2	30.1

Business Statistics, 400%

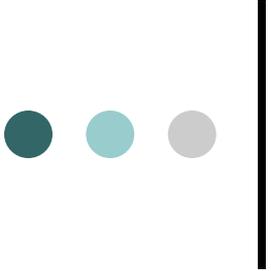
43.9	43.8
56.4	58.3

- Accuracy
- Protect users from using erroneous data



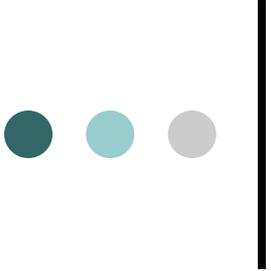
PDF Security

- Password security
- Restricted documents
 - Opening
 - Editing
 - Printing
- Disable copying of text, images, and other content
- Enable text access for screen reader devices



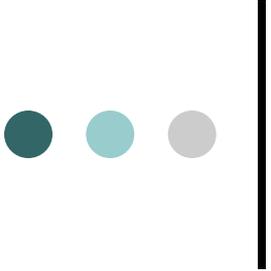
Website Software

- Red Hat Linux
- Apache
- PostgreSQL
- PHP
- PDFLib+PDI



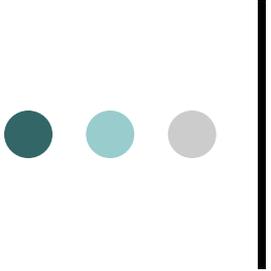
PostgreSQL

- Chosen over MySQL
- Advanced features
 - Transactions
 - Foreign key relationships
 - Other (Subqueries, Views, Stored Procedures)



PDFLib+PDI

- Extension to PHP
- Dynamic PDF generation
- Modify existing PDFs
- Used for single page downloads and grouped page files



Back-Up Procedures

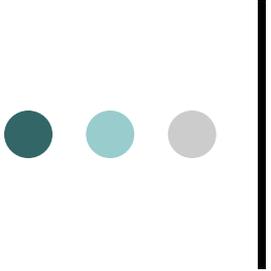
- CVS (Concurrent Versions System)
- Database Dump Files
- Tape backups
- Contingency servers
- Hard drive failover
- Original file archive

Data Entry – Administration Web Forms

The screenshot shows a Microsoft Internet Explorer browser window with the title "FRASER® Admin | Add a New Statistical Release - Microsoft Internet Explorer". The address bar shows "Address". The main content area is titled "FRASER™ Admin" and "Add a New Statistical Release". On the left is a navigation menu with items: Publications, Issues, Pages, Categories, Files, Statistical Releases, Historical Documents, Authors, Logs, and User Survey. The main form area is titled "Statistical Release Properties" and contains the following fields:

- * Publication: Productivity and Costs (dropdown menu)
- * Release Date: 2004 (year), 01 (month), 01 (day) (dropdown menus)
- * Effective Date: 2004 (year), 01 (month), 01 (day) (dropdown menus)
- Public: Determines whether or not an issue is publicly viewable.
 yes
 no
- Group Pages: Determines whether or not each page will be grouped with similar pages from other issues. Note: To group pages, this issue must be made public.
 yes
 no
- Description: (text input field)
- * Location: (text input field)
- Keywords: (text input field)
- Notes: (text area)

The status bar at the bottom shows "Done" and "Internet".



Technical Information Websites

- Kodak Document Scanner:
http://www.kodak.com/US/en/dpq/site/TKX/name/DocumentScanners_product
- Kodak Capture Software
http://www.kodak.com/US/en/dpq/site/TKX/name/CaptureSoftware_Product
- Fujitsu Scanners: <http://www.fujitsu.ca/products/imaging/>
- ScanSoft PaperPort: <http://www.scansoft.com/paperport/>
- ABBYY FineReader: <http://www.abbyy.com/finereader/>
- Red Hat Linux: <http://www.redhat.com>
- Apache: <http://httpd.apache.org>
- PostgreSQL: <http://www.postgresql.org>
- PHP: <http://www.php.net>
- PDFLib+PDI: <http://www.pdflib.com>



For more
information

<http://fraser.stlouisfed.org>