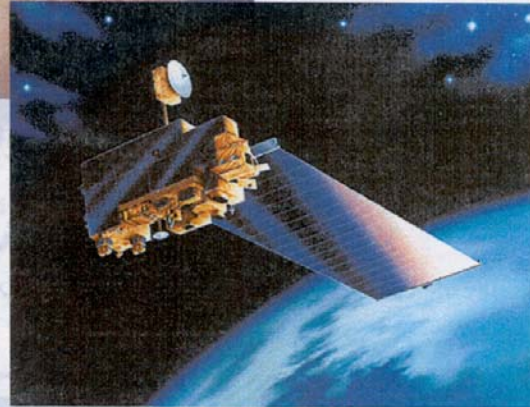
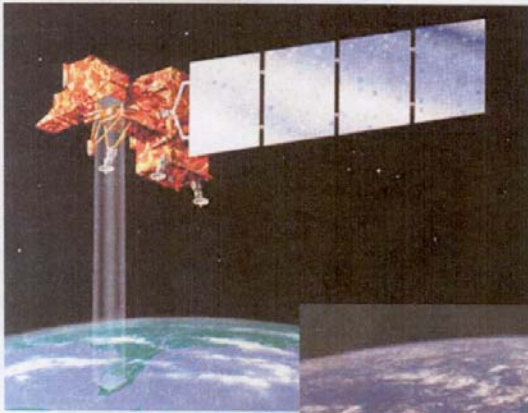




Meyer

Annual Report of Data Sales



EROS Data Center

U.S. Department of Interior
U.S. Geological Survey
Sioux Falls, SD 57198

Fiscal Year 2002

Annual Report Of Data Services

EROS Data Center

Fiscal Year 2002

TABLE OF CONTENTS

SECTION	PAGE
I. Products and Services	1
II. Customer Services Information	14
III. Historical Information	19
IV. EDC Archives and Data Bases	31

Section I

USGS EDC Products And Services

In fiscal year 2002, the USGS EDC produced and distributed over \$17.7 million worth of products and services. Of the total, over \$13.4 million was in direct sales to outside customers and more than \$1 million was in products and services provided through USGS EDC cooperative repay projects, for a "reimbursable" total of over \$14.4 million. The remaining nearly \$3.3 million was for products and services distributed to users within the U.S. Geological Survey. In addition, almost 9 million files of digital data, were distributed free of charge via the Internet.

	<u>Items</u>	<u>Dollars</u>
Photographic Products	180,637	2,086,217
National Landsat Satellite Archive	5,357	1,743,921
Landsat 7 Products	17,076	8,467,769
US GeoData Products	1,155,854	2,862,344
DAAC Products	981	10,500
ASTER Products	933	17,272
E01 Products	984	841,680
Other Digital Data Products	19,194	636,440
Digital Data Processing	364	676,156
Seamless Products	11,319	333,808
Miscellaneous	<u>6,223</u>	<u>69,224</u>
Total	1,398,922	17,745,331

EDC SALES REPORT
Fiscal Year 2002
(Dollars)

	DIRECT REPAY	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
PHOTOGRAPHIC DATA				
AERIAL: NAPP	1,078,106	17,470	438,301	1,533,878
OTHER	360,096	2,326	8,855	371,277
SATELLITE: CORONA SATELLITE PHOTOGRAPHY	48,003	21,235	462	69,699
LANDSAT / OTHER	8,120	1,050	1,341	10,511
PHOTO FROM DIGITAL SOURCE	11,635	29,625	45,480	86,740
OTHER PHOTOGRAPHIC DATA	5,285	1,400	7,428	14,113
PHOTOGRAPHIC DATA TOTAL	1,511,244	73,106	501,868	\$ 2,086,217
DIGITAL DATA/PROCESSING				
NATIONAL LAND SATELLITE ARCHIVE				
LANDSAT MSS (Satellites 1 - 5)	209,615	8,555	17,453	235,623
LANDSAT TM (Satellites 4 - 5)	1,187,256	62,110	207,655	1,457,021
* LANDSAT DERIVATIVE PRODUCTS (Satellites 4 - 5)	6,645	2,550	3,975	13,170
* AVHRR IMAGES	34,107	480	3,520	38,107
SUB-TOTAL	1,437,623	73,695	232,603	\$ 1,743,921
LANDSAT 7 PRODUCTS				
LANDSAT 7 / ETM				
LEVEL 0R	507,300	61,275	27,275	595,850
LEVEL 1 R/G	5,812,905	187,920	574,215	6,575,040
LEVEL 1 P/T	831,902	110,495	350,620	1,293,017
LANDSAT DERIVATIVE PRODUCTS	3,830	0	32	3,862
SUB-TOTAL	7,155,937	359,690	952,142	\$ 8,467,769
US GEODATA PRODUCTS				
"BASE ORDER" CHARGES	168,855	5,670	25,615	200,140
DEM	9,783	6,785	6,064	22,631
DLG	14,163	0	4,141	18,304
DOQ	1,716,050	160,308	706,490	2,582,847
DRG	28,369	1,345	8,707	38,421
SUB-TOTAL	1,937,219	174,108	751,017	\$ 2,862,344
DAAC PRODUCTS	10,245	0	255	10,500
ASTER PRODUCTS	9,790	7,427	55	17,272
E01 PRODUCTS	784,040	0	57,640	841,680
OTHER DIGITAL DATA PRODUCTS	156,270	320,794	159,376	636,440
DIGITAL DATA PROCESSING	39,061	74,660	562,435	676,156
SEAMLESS PRODUCTS	296,136	70	37,602	333,808
DIGITAL DATA/PROCESSING TOTAL	11,826,321	1,010,444	2,753,125	\$ 15,589,889
MISC PRODUCTS AND SERVICES	67,838	255	1,131	69,224
GRAND TOTAL	13,405,403	1,083,804	3,256,124	\$ 17,745,331

* Includes DAAC Products

EDC SALES REPORT
Fiscal Year 2002
(Items)

	DIRECT REPAY	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
PHOTOGRAPHIC DATA				
AERIAL: NAPP	64,262	1,804	75,914	141,980
OTHER	30,268	110	1,398	31,776
SATELLITE: CORONA SATELLITE PHOTOGRAPHY	2,762	1,639	26	4,427
LANDSAT / OTHER	554	14	95	663
PHOTO FROM DIGITAL SOURCE	291	473	649	1,413
OTHER PHOTOGRAPHIC DATA	69	100	209	378
PHOTOGRAPHIC DATA TOTAL	98,206	4,140	78,291	180,637
DIGITAL DATA/PROCESSING				
NATIONAL LAND SATELLITE ARCHIVE				
LANDSAT MSS (Satellites 1 - 5)	1,065	20	113	1,198
LANDSAT TM (Satellites 4 - 5)	2,669	141	548	3,358
* LANDSAT DERIVATIVE PRODUCTS (Satellites 4 - 5)	234	51	17	302
* AVHRR IMAGES	433	15	51	499
SUB-TOTAL	4,401	227	729	5,357
LANDSAT 7 PRODUCTS				
LANDSAT 7 / ETM				
LEVEL OR	1,251	193	949	2,393
LEVEL 1 R/G	11,169	374	1,081	12,624
LEVEL 1 P/T	1,291	125	524	1,940
LANDSAT DERIVATIVE PRODUCTS	118	0	1	119
SUB-TOTAL	13,829	692	2,555	17,076
US GEODATA PRODUCTS				
"BASE ORDER" CHARGES	4,821	133	616	5,570
DEM	3,011	6,785	17,484	27,280
DLG	14,179	0	10,237	24,416
DOQ	703,622	23,785	330,284	1,057,691
DRG	30,841	1,345	8,711	40,897
SUB-TOTAL	756,474	32,048	367,332	1,155,854
DAAC PRODUCTS	954	2	25	981
ASTER PRODUCTS	178	754	1	933
E01 PRODUCTS	913	0	71	984
OTHER DIGITAL DATA PRODUCTS	11,848	515	6,831	19,194
DIGITAL DATA PROCESSING	35	96	233	364
SEAMLESS PRODUCTS	11,270	1	48	11,319
DIGITAL DATA/PROCESSING TOTAL	799,902	34,335	377,825	1,212,062
MISC PRODUCTS AND SERVICES	6,136	20	67	6,223
GRAND TOTAL	904,244	38,495	456,183	1,398,922

* Includes DAAC Products

EDC LANDSAT 7 PRODUCT SALES REPORT
Fiscal Year 2002
(Dollars)

	DIRECT REPAY	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
LANDSAT 7 PRODUCTS				
LEVEL 0R				
T100 - Landsat 7 Level 0R	469,680	60,040	25,080	554,800
T101 - Landsat 7 Level 1 Intermediate	20	0	0	20
T124 - L0R HDF	4,220	760	0	4,980
T125 - L0R Intermediate	0	0	0	0
N540 - ETM Level 0 Reformatted Single	5,510	475	1,520	7,505
N541 - ETM Level 0 Reformatted Multi	1,350	0	675	2,025
Sub-Total	480,780	61,275	27,275	\$ 569,330
LEVEL 1 R/G				
N240 - ETM Systematic Corrected Sngl	3,576,085	187,320	354,975	4,118,380
N241 - ETM Systematic Multi	36,720	0	0	36,720
T110 - LS-7 Level 1 Geo-Corrected HDF	330,600	0	128,040	458,640
T111 - LS-7 Level 1 Geo-Corrected Geotiff	872,420	600	75,720	948,740
T112 - LS-7 Level 1 Geo-Corrected FastL7A	974,280	0	15,480	989,760
T113 - LS-7 Level 1 Radiom-Corrected HDF	22,800	0	0	22,800
T120 - L1G HDF	7,450	0	0	7,450
T121 - L1G GeoTiff	14,350	0	0	14,350
T122 - L1G Fast L7A	4,720	0	0	4,720
T123 - L1R HDF	0	0	0	0
Sub-Total	5,839,425	187,920	574,215	\$ 6,601,560
LEVEL 1 P/T				
N340 - ETM Map Registered Sngl	13,185	2,175	0	15,360
N341 - ETM Map-Reg Multi	0	0	0	0
N440 - ETM Terrain Corrected Sngl	818,717	108,320	346,520	1,273,557
N441 - ETM Terrain-Cor Multi	0	0	4,100	4,100
Sub-Total	831,902	110,495	350,620	\$ 1,293,017
LANDSAT DERIVATIVE PRODUCTS				
D003 - Statistics	0	0	0	0
RS40 - Rom Write Once	150	0	0	150
T001 - Tape Copy	0	0	0	0
T012 - RGB/HIS Merge (4KX4K Pixels)	0	0	0	0
T102 - Landsat 7 Sample Products	3,680	0	32	3,712
Sub-Total	3,830	0	32	3,862
TOTAL LANDSAT 7 PRODUCTS	7,155,937	359,690	952,142	\$ 8,467,769

EDC LANDSAT 7 PRODUCT SALES REPORT
Fiscal Year 2002
(Items)

	DIRECT REPAY	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
LANDSAT 7 PRODUCTS				
LEVEL OR				
T100 - Landsat 7 Level OR	1,200	151	944	2,295
T101 - Landsat 7 Level 1 Intermediate	0	0	0	0
T124 - LOR HDF	7	41	0	48
T125 - LOR Intermediate	0	0	0	0
N540 - ETM Level 0 Reformatted Single	12	1	4	17
N541 - ETM Level 0 Reformatted Multi	2	0	1	3
Sub-Total	1,221	193	949	2,363
LEVEL 1 R/G				
N240 - ETM Systematic Corrected Sngl	6,921	352	660	7,933
N241 - ETM Systematic Multi	44	0	0	44
T110 - LS-7 Level 1 Geo-Corrected HDF	593	5	248	846
T111 - LS-7 Level 1 Geo-Corrected Geotiff	1,675	1	136	1,812
T112 - LS-7 Level 1 Geo-Corrected FastL7A	1,897	0	36	1,933
T113 - LS-7 Level 1 Radiom-Corrected HDF	39	0	1	40
T120 - L1G HDF	7	0	0	7
T121 - L1G GeoTiff	16	0	0	16
T122 - L1G Fast L7A	7	16	0	23
T123 - L1R HDF	0	0	0	0
Sub-Total	11,199	374	1,081	12,654
LEVEL 1 P/T				
N340 - ETM Map Registered Sngl	22	3	0	25
N341 - ETM Map-Reg Multi	0	0	0	0
N440 - ETM Terrain Corrected Sngl	1,269	122	521	1,912
N441 - ETM Terrain-Cor Multi	0	0	3	3
Sub-Total	1,291	125	524	1,940
LANDSAT DERIVATIVE PRODUCTS				
D003 - Statistics	0	0	0	0
RS40 - Rom Write Once	3	0	0	3
T001 - Tape Copy	0	0	0	0
T012 - RGB/HIS Merge (4KX4K Pixels)	0	0	0	0
T102 - Landsat 7 Sample Products	115	0	1	116
Sub-Total	118	0	1	119
TOTAL LANDSAT 7 PRODUCTS	13,829	692	2,555	17,076

* T101 Landsat 7 Level 1 Intermediate products do not have an item value due to being counted as a single unit using the Level 1 R/G product codes.

Customer Profile

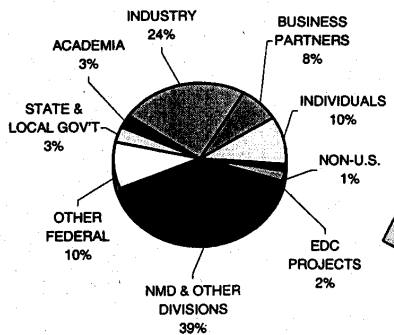
USGS EDC Photographic Products

Fiscal Year 2002

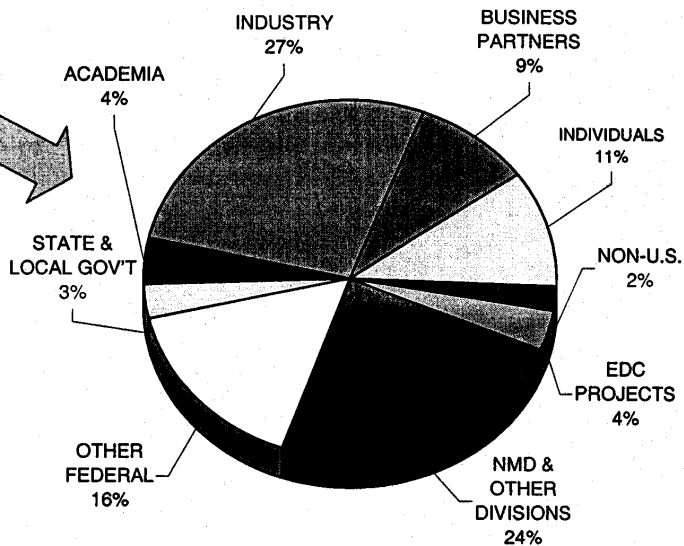
CUSTOMER CATEGORY	ITEMS	DOLLARS
EDC PROJECTS	4,140	\$ 73,106
NMD & OTHER DIVISIONS	78,291	501,868
OTHER FEDERAL	27,684	333,758
TOTAL FED. GOVERNMENT	110,115	\$ 908,732
STATE/LOCAL GOVERNMENT	7,294	67,311
ACADEMIA	6,901	82,140
INDUSTRY	27,153	567,518
BUSINESS PARTNERS	13,242	193,307
INDIVIDUALS	12,866	221,771
NON-U.S.	3,066	45,439
FY 2002 TOTAL	180,637	\$ 2,086,217
FY 2001 TOTAL	291,759	\$ 3,290,129

% of Total FY 2001 Dollars :
Photo

Customer Profile



% of Total FY 2002 Dollars :
Photo



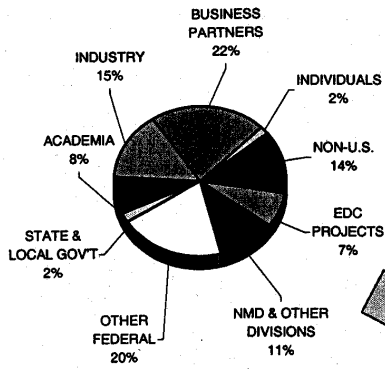
Customer Profile

USGS EDC Digital Data - All Products

Fiscal Year 2002

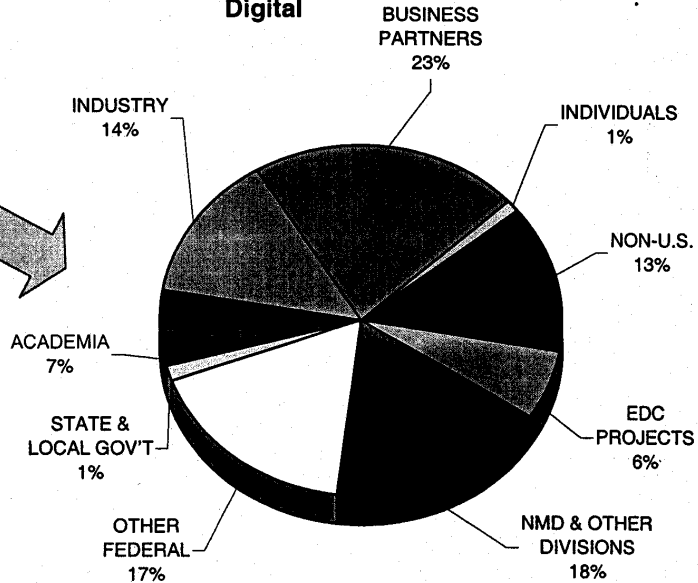
CUSTOMER CATEGORY	ITEMS	DOLLARS
EDC PROJECTS	34,335	1,010,444
NMD & OTHER DIVISIONS	377,825	2,753,125
OTHER FEDERAL	102,985	2,725,406
TOTAL FED. GOVERNMENT	515,145	6,488,974
STATE/LOCAL GOVERNMENT	9,859	228,335
ACADEMIA	23,308	1,090,665
INDUSTRY	316,115	2,112,825
BUSINESS PARTNERS	331,182	3,357,544
INDIVIDUALS	10,240	208,155
NON-U.S.	6,213	2,103,391
FY 2002 TOTAL	1,212,062	15,589,889
FY 2001 TOTAL	1,262,957	16,648,973

% of Total FY 2001 Dollars :
Digital



Customer Profile

% of Total FY 2002 Dollars :
Digital

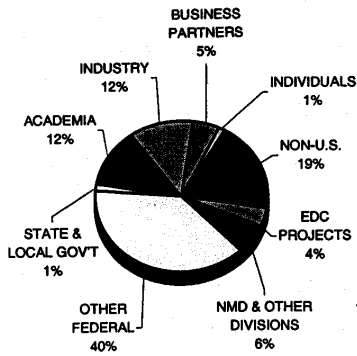


Customer Profile

USGS EDC National Land Satellite Archive - Digital Fiscal Year 2002

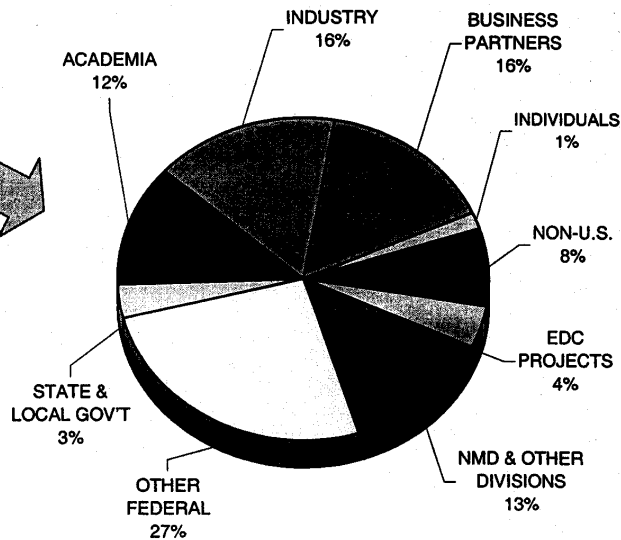
CUSTOMER CATEGORY	ITEMS	DOLLARS
EDC PROJECTS	227	73,695
NMD & OTHER DIVISIONS	729	232,603
OTHER FEDERAL	1,295	449,263
TOTAL FED. GOVERNMENT	2,251	755,561
STATE/LOCAL GOVERNMENT	127	59,437
ACADEMIA	775	211,346
INDUSTRY	714	281,176
BUSINESS PARTNERS	892	274,085
INDIVIDUALS	93	24,288
NON-U.S.	505	138,028
FY 2002 TOTAL	5,357	1,743,921
FY 2001 TOTAL	6,421	1,467,029

% of Total FY 2001 Dollars :
Nat'l Land Satellite Archive



Customer Profile

% of Total FY 2002 Dollars :
Nat'l Land Satellite Archive



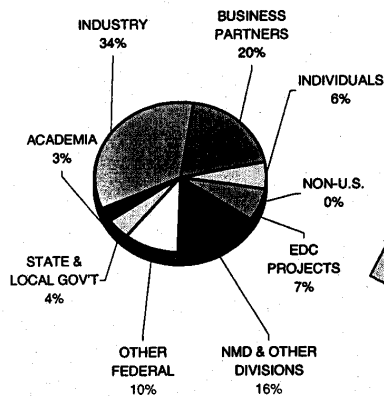
Customer Profile

USGS EDC GeoData Products - Digital

Fiscal Year 2002

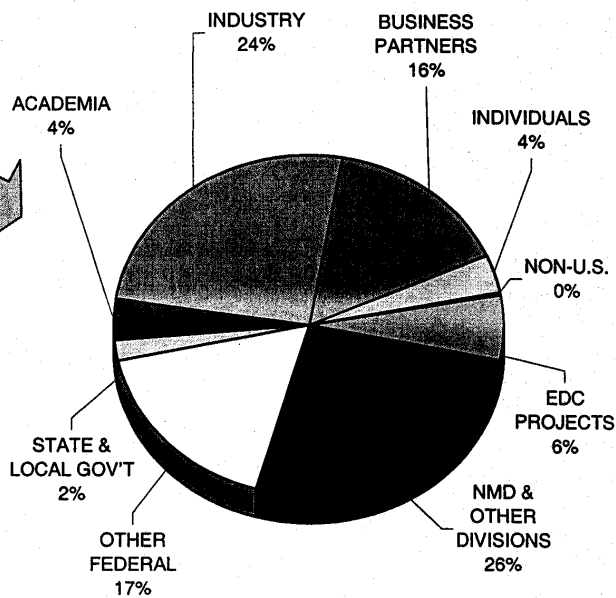
CUSTOMER CATEGORY	ITEMS	DOLLARS
EDC PROJECTS	32,048	174,108
NMD & OTHER DIVISIONS	367,332	751,017
OTHER FEDERAL	93,697	489,180
TOTAL FED. GOVERNMENT	493,077	1,414,305
STATE/LOCAL GOVERNMENT	9,056	59,656
ACADEMIA	19,469	104,975
INDUSTRY	301,920	723,485
BUSINESS PARTNERS	322,422	449,617
INDIVIDUALS	8,946	100,736
NON-U.S.	964	9,571
FY 2002 TOTAL	1,155,854	2,862,344
FY 2001 TOTAL	1,204,516	3,820,994

% of Total FY 2001 Dollars :
GEODATA



Customer Profile

% of Total FY 2002 Dollars :
GEODATA



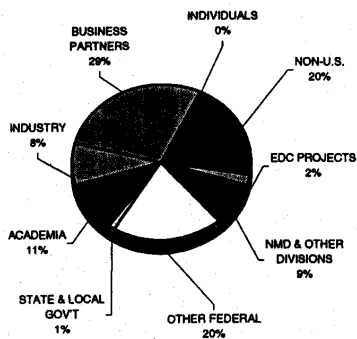
Customer Profile

USGS EDC Landsat 7 / ETM - Digital

Fiscal Year 2002

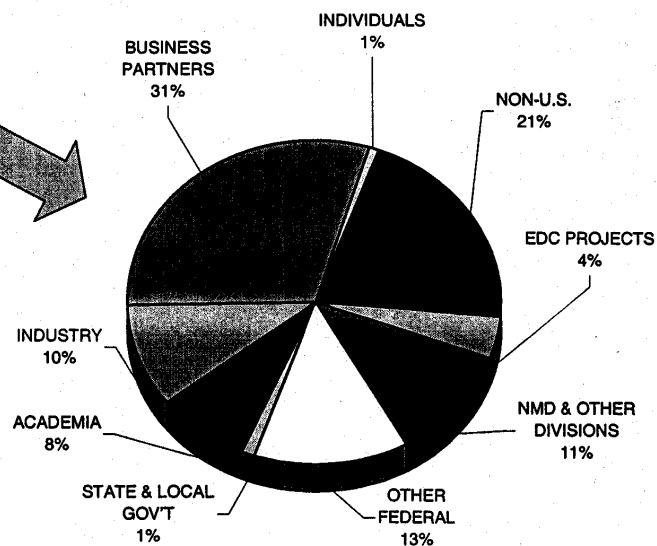
CUSTOMER CATEGORY	ITEMS	DOLLARS
EDC PROJECTS	692	359,690
NMD & OTHER DIVISIONS	2,555	952,142
OTHER FEDERAL	2,038	1,136,831
TOTAL FED. GOVERNMENT	5,285	2,448,663
STATE/LOCAL GOVERNMENT	146	90,620
ACADEMIA	1,164	673,918
INDUSTRY	1,536	876,184
BUSINESS PARTNERS	5,483	2,553,193
INDIVIDUALS	130	70,614
NON-U.S.	3,332	1,754,577
FY 2002 TOTAL	17,076	8,467,769
FY 2001 TOTAL	20,917	9,694,087

% of Total FY 2001 Dollars :
LS-7



Customer Profile

% of Total FY 2002 Dollars :
LS-7



**USGS EDC
"No-Charge" Data *
Fiscal Years 2001 and 2002**

Product Type	FY01		FY02	
	Files/Requests	Megabytes	Files/Requests	Megabytes
DIGITAL ELEVATION MODEL	7,051,711	16,635,974	609,259	578,385
DIGITAL LINE GRAPH	9,437,661	1,114,541	7,909,737	1,105,318
DIGITAL ORTHOPHOTOQUAD	49,903	2,019,054	27,101	1,763,922
DIGITAL RASTER GRAPHICS	8,933	66,769	7,453	79,730
LAND USE LAND COVER	170,857	93,357	98,775	52,029
SCIENTIFIC ASSESSMENT AND STRATEGY TEAM	6,239	10,352	5,307	175
DISTRIBUTED ACTIVE ARCHIVE CENTER DATA DISTRIBUTION				
10-DAY GLOBAL COMPOSITE	30,793	168,849	24,445	133,232
10-DAY N.A. COMPOSITE	1,922	26,323	1,270	29,651
AVHRR 1B ORBITAL STITCHES	1,171	75,364	708	23,213
SIR-C BROWSE	181	220	166	6
SIR-C DATA	4,940	5,103	11,221	5,413
GLOBAL 30-ARC-SECOND ELEVATION DATA SET (GTOPO30)	94,663	930,966	12,850	1,305,429
HYDRO 1K (LANDAAC HYDRO DATA)	14,371	262,557	13,042	324,988
PATHFINDER (NALC)	1,176	2,429	888	1,630
CORONA IMAGERY				
GIF	23,632	9,736	16,668	7,072
IMG	9,126	13,931	6,469	10,980
NATIONAL SPATIAL DATA INFRASTRUCTURE	198,920	4,516	445	0
GLOBAL LAND COVER CHARACTERIZATION	16,333	94,053	20,342	127,305
NATIONAL LAND COVER DATA	13,333	289,007	12,350	285,972
SEAMLESS DATA DISTRIBUTION SYSTEM	8,344	40,840	34,652	113,419
NATIONAL HYDROGRAPHY DATASET				
ARC	53,199	53,270	94,609	91,750
FCP	5,803	4,921	2,242	1,274
SDTS	369	15	79	18
WWW SERVER FILES				
EDC	1,275,436	0	3,931,956	0
NON-EDC	71,585,417	0	54,530,580	0
TOTAL	72,812,353	0	53,786,095	0
CORONA IMAGERY HOME PAGE HITS	145,686	0	30,122	0
BUSINESS PARTNERS HOME PAGES				
DIGITAL CURRENT PARTNERS HOME PAGE	29,436	0	5,040	0
AERIAL CURRENT PARTNERS HOME PAGE	63,685	0	11,325	0
NATIONAL SPATIAL DATA INFRASTRUCTURE	198,920	0	445	0
MAPFINDER / PHOTOFINDER				
MAPFINDER	642,863	0	641,168	0
PHOTOFINDER	494,862	0	540,459	0
FIRE SCIENCE	0	0	31	0
TOTAL DOWNLOADS	91,391,185	21,922,147	63,924,763	6,040,911

* Note: These data files were provided free of charge to customers using the Internet.

Digital Data Processing Workload *

Fiscal Year 2002

Digital Data Production	Total Items Processed
National Landsat Archive Production System Registrations	
Systematic	11,280
Precision Corrected	641
Terrain Corrected	4,368
Level 0	69
Level 1	22
AVHRR Greenness Maps	
United States	52
Alaska	28
Humid Tropical Forest Inventory	81
National Elevation Data - NED	18
GLOBE Data Sets	
United States	473
International	620
Custom Image Processing	364

* Image processing or data capture tasks, such as, image registration and mosaicking, vector data capture, data base development, and image manipulation for greenness monitoring.

Digital Data Processing *

CUSTOMER CATEGORY	DOLLARS
EDC PROJECTS	74,660
NMD & OTHER DIVISIONS	562,435
OTHER FEDERAL	39,061
TOTAL FED. GOVERNMENT	\$ 676,156

* Image processing or data capture tasks, such as, image registration and mosaicking, vector data capture, data base development, and image manipulation for greenness monitoring.

EDC Photographic Products Fiscal Year 2002

BLACK-AND-WHITE PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Paper	30,813	\$ 361,639
10" Film	27,979	197,201
20" Paper	4,946	131,621
40" Paper	4,761	250,007
Other	34,282	335,601
TOTAL	102,781	\$ 1,276,069

COLOR PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Paper	12,248	\$ 176,497
10" Film	47,980	427,013
20" Paper	2	263
40" Paper	19	855
Other	4,373	139,347
TOTAL	64,622	\$ 743,974
HANDLING/SHIPPING CHARGES	13,234	66,174
GRAND TOTAL PRODUCTS	180,637	\$ 2,086,217

Photographic Laboratory Report by Production Type

Photographic Laboratory	Total Items Processed
Landsat Images	558
Other Satellite Images	35
Declassified Intelligence Satellite Photography	4,460
Diapositives	37,945
Aerial Photos	79,348
Custom Products	2,767
Miscellaneous	868
* NAPP Duping	41,588
Scanning	6,168
Total	173,737

* National Aerial Photography Program film duplicated for archival purposes.

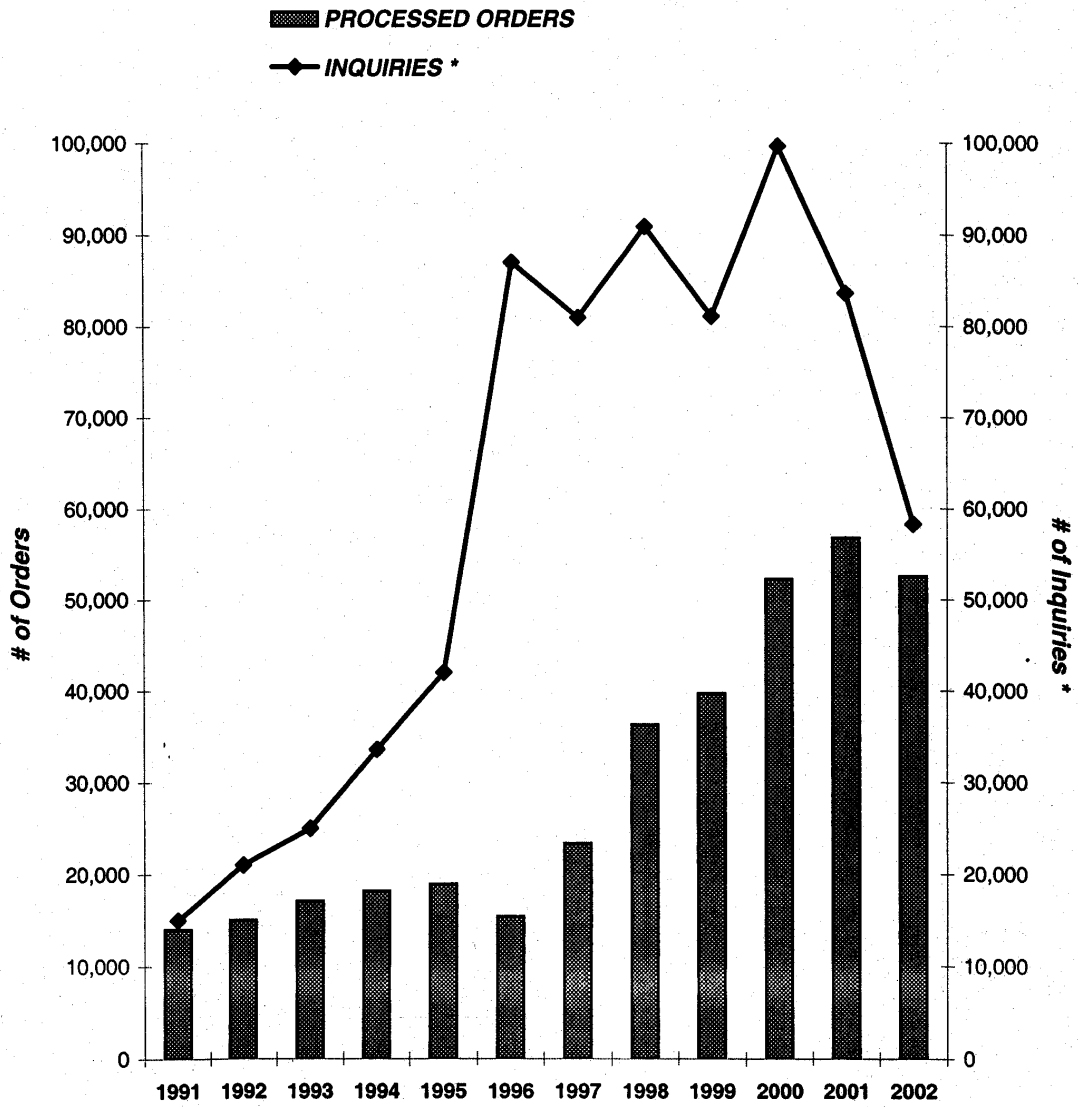
Section II

Customer Services Information Fiscal Year 2002

This section includes information on customer ordering and inquiry activities by the USGS EDC.

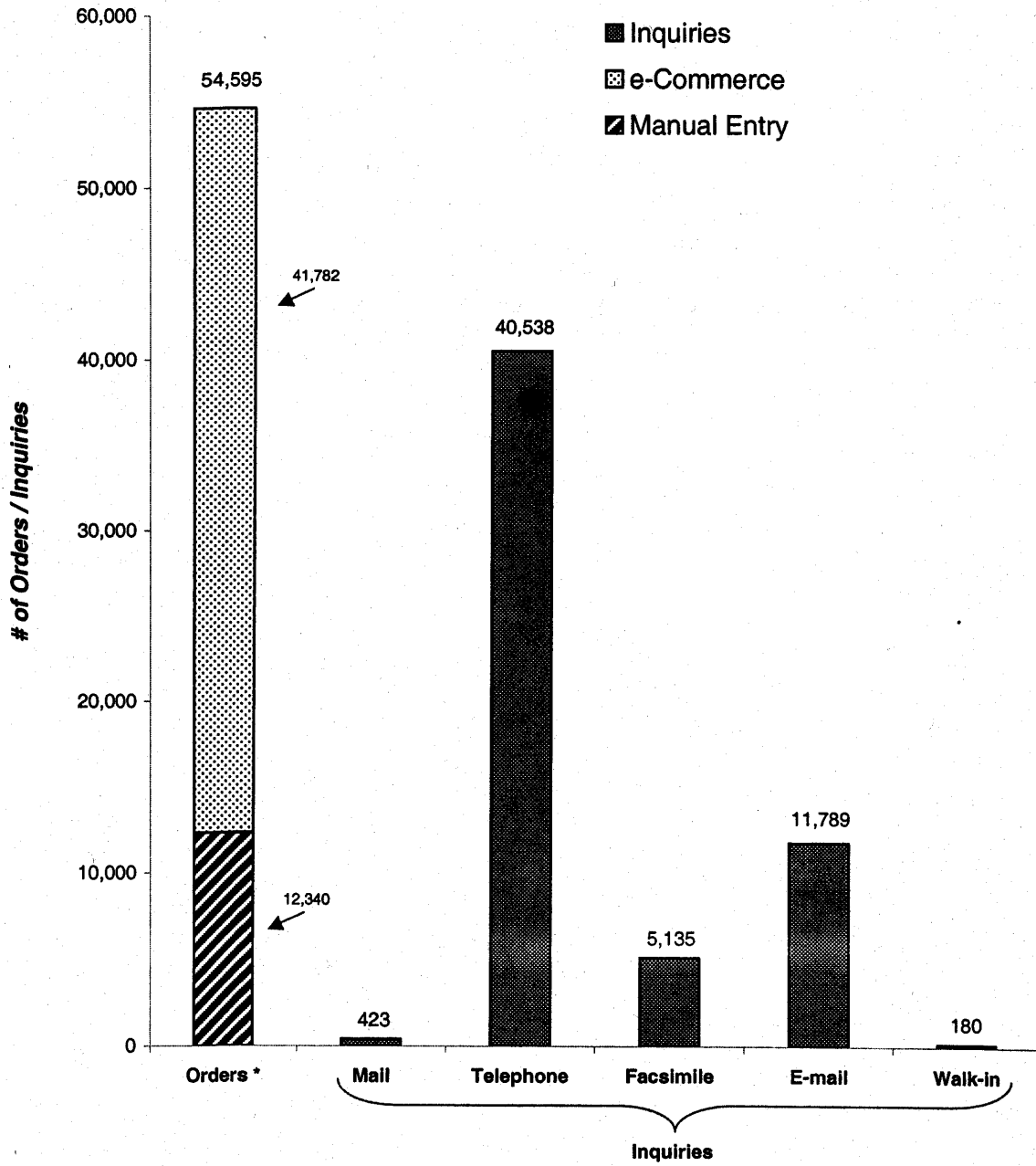
More than 58,000 user inquiries, including mail, telephone, facsimile, and/or e-mail, were received at EDC during the year. Web activity is not included in this number. Nearly 54,600 orders were filled from all sources.

EDC Customer Orders and Inquiries Fiscal Years 1992 - 2002



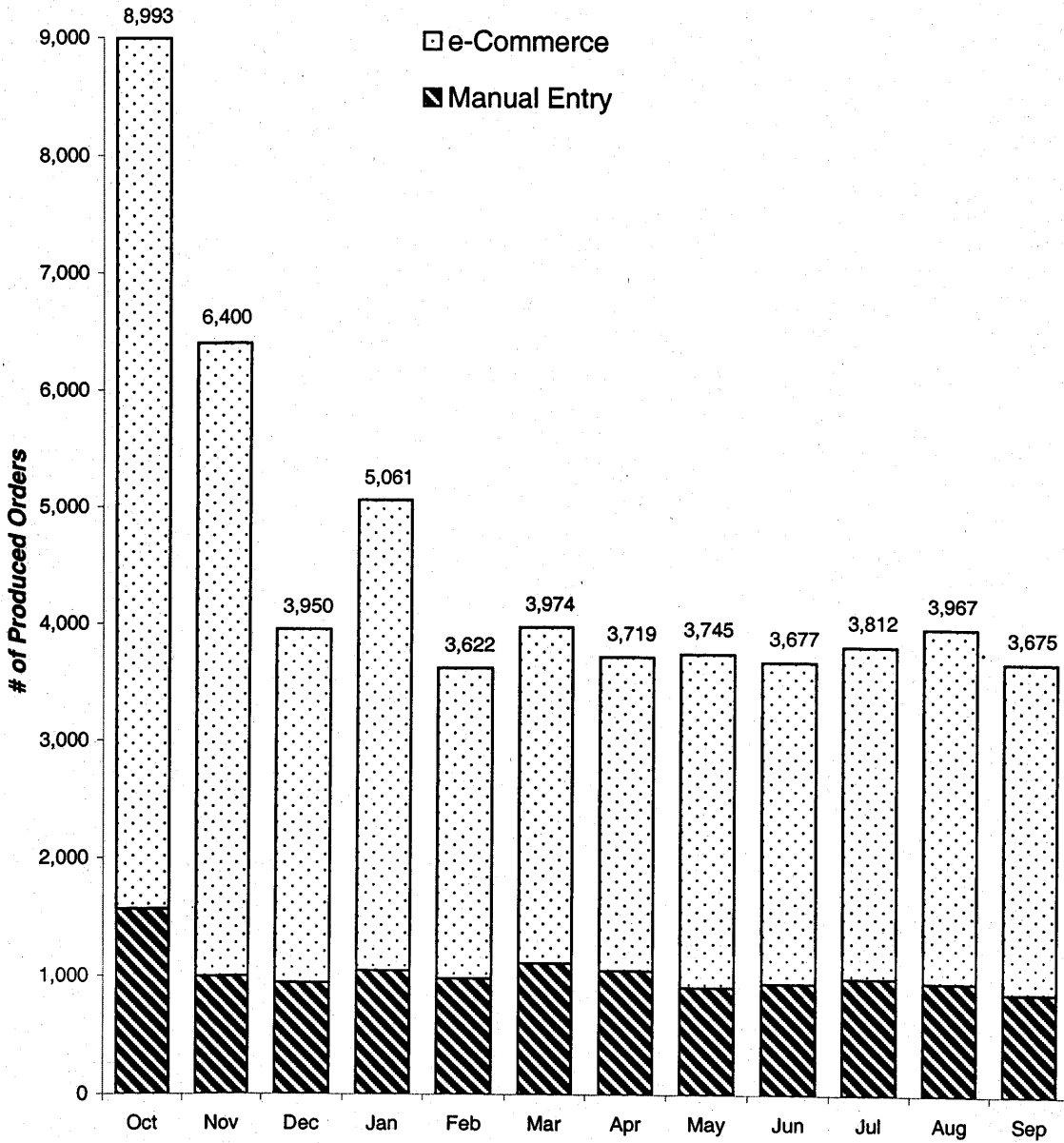
* Inquiries include mail, telephone, facsimile, and e-mail.

EDC Customer Service Order / Inquiry Activities FY 2002



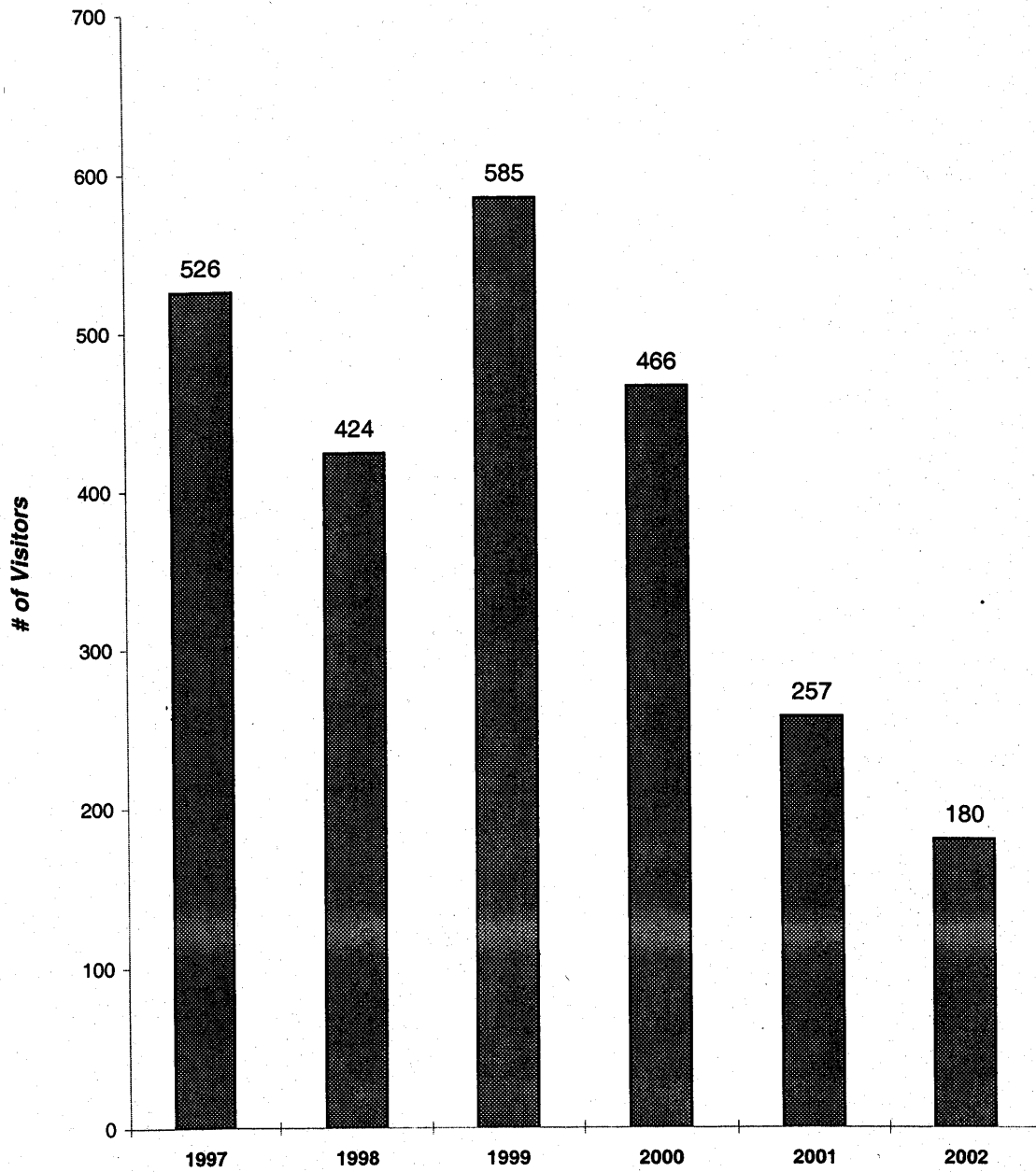
* Orders were received through a variety of methods, Earth Explorer, GLIS, Map/Photo Finder and the above inquiries

EDC Orders Placed by Month FY 2002



Total Orders for FY 2002 were 54,595

**EDC Scientific & Technical Browse Area
Walk-in Visitors
Fiscal Years 1997 - 2002**

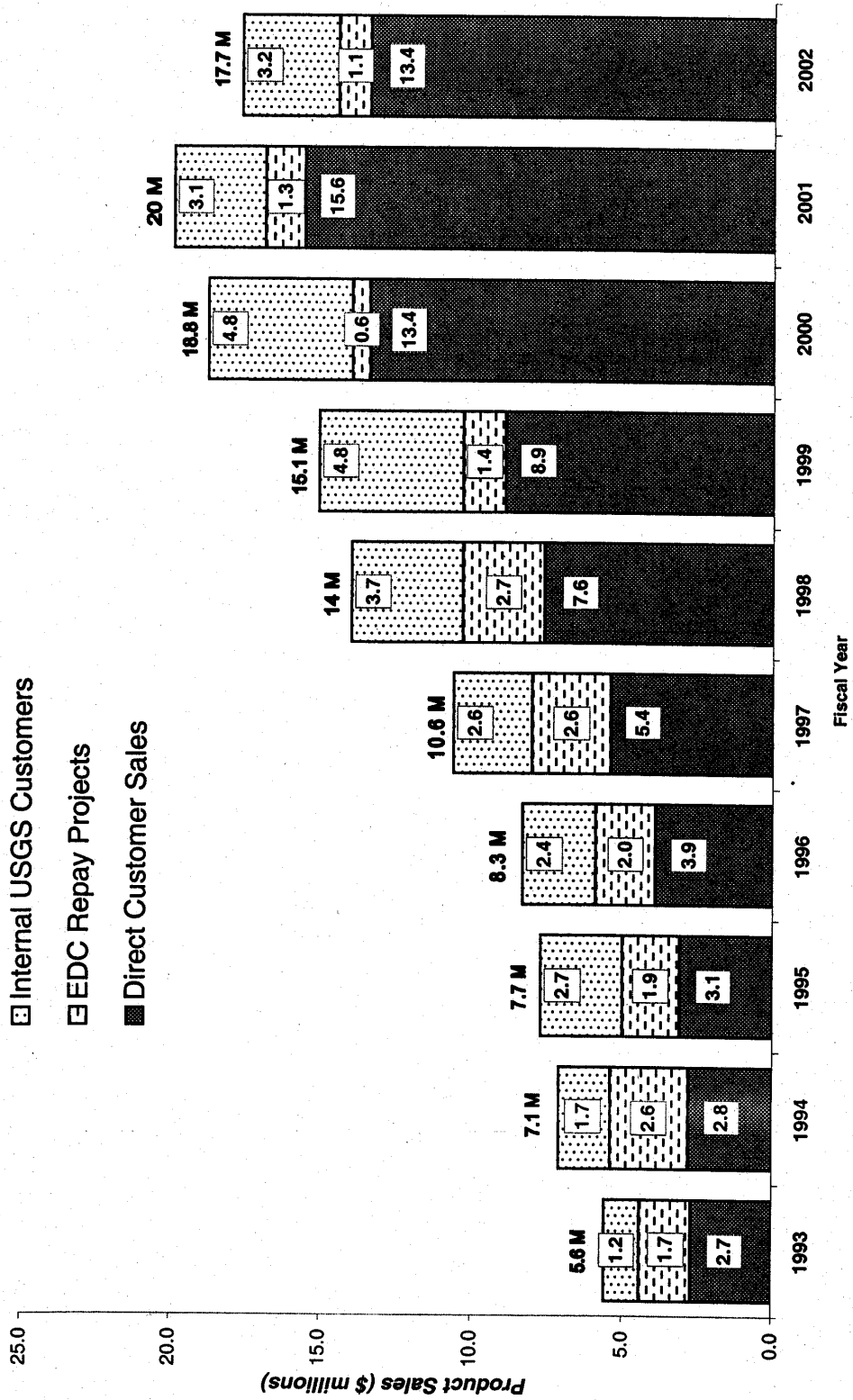


Section III

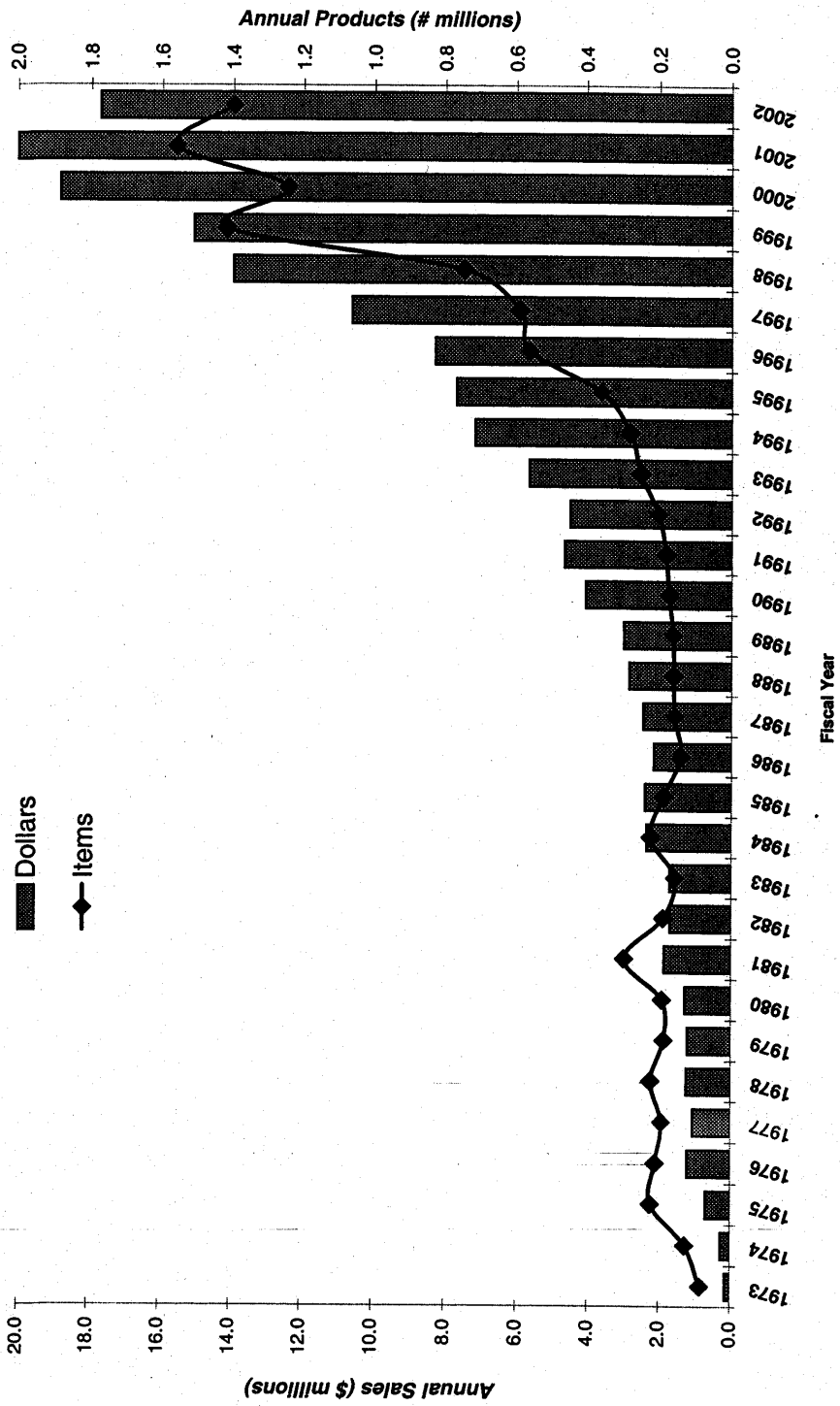
Historical Information

This section includes information on data produced and distributed by the USGS.

EDC Total Product Sales Dollars Fiscal Years 1993 - 2002

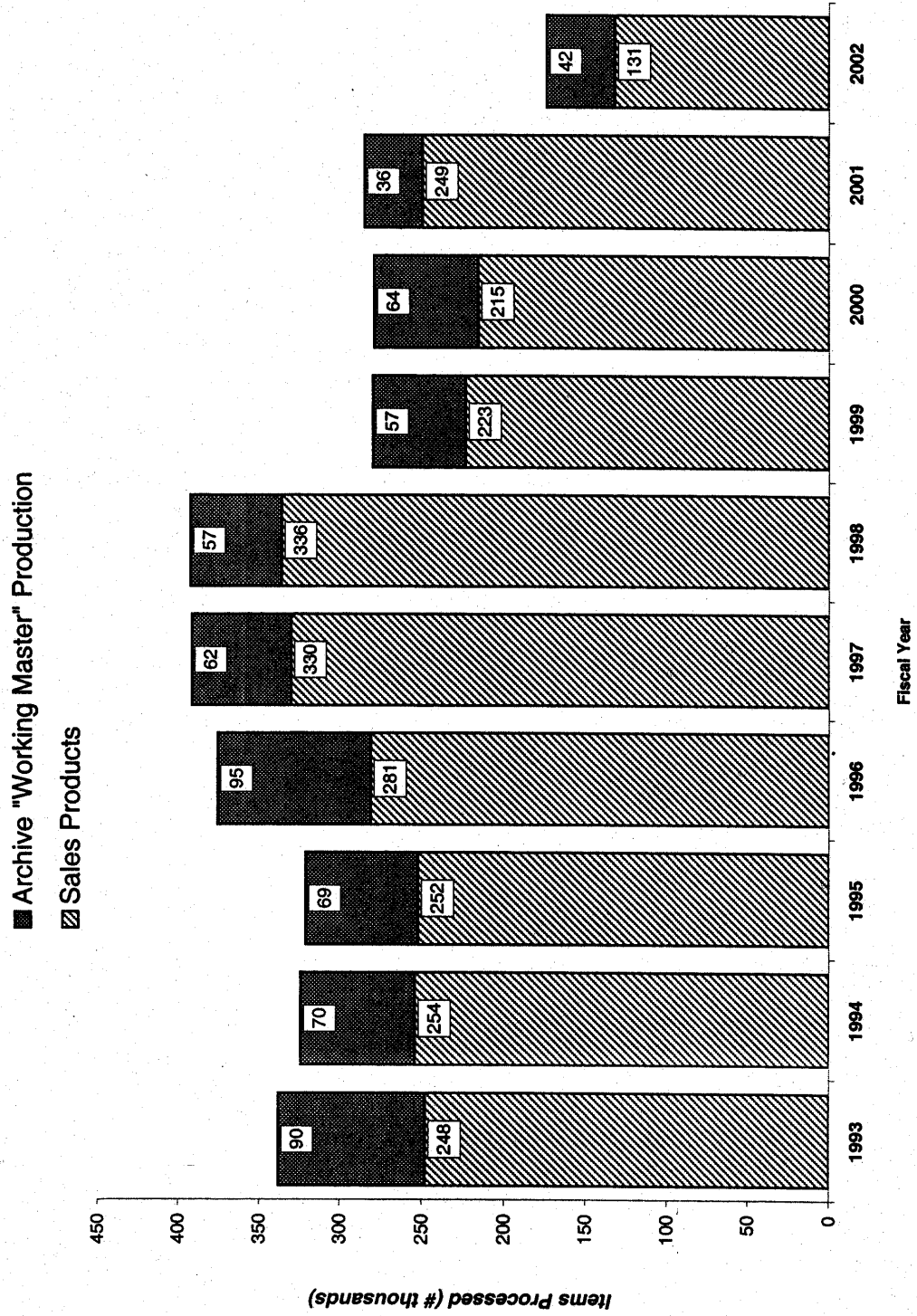


EDC Total Product Sales *
Fiscal Years 1973 - 2002

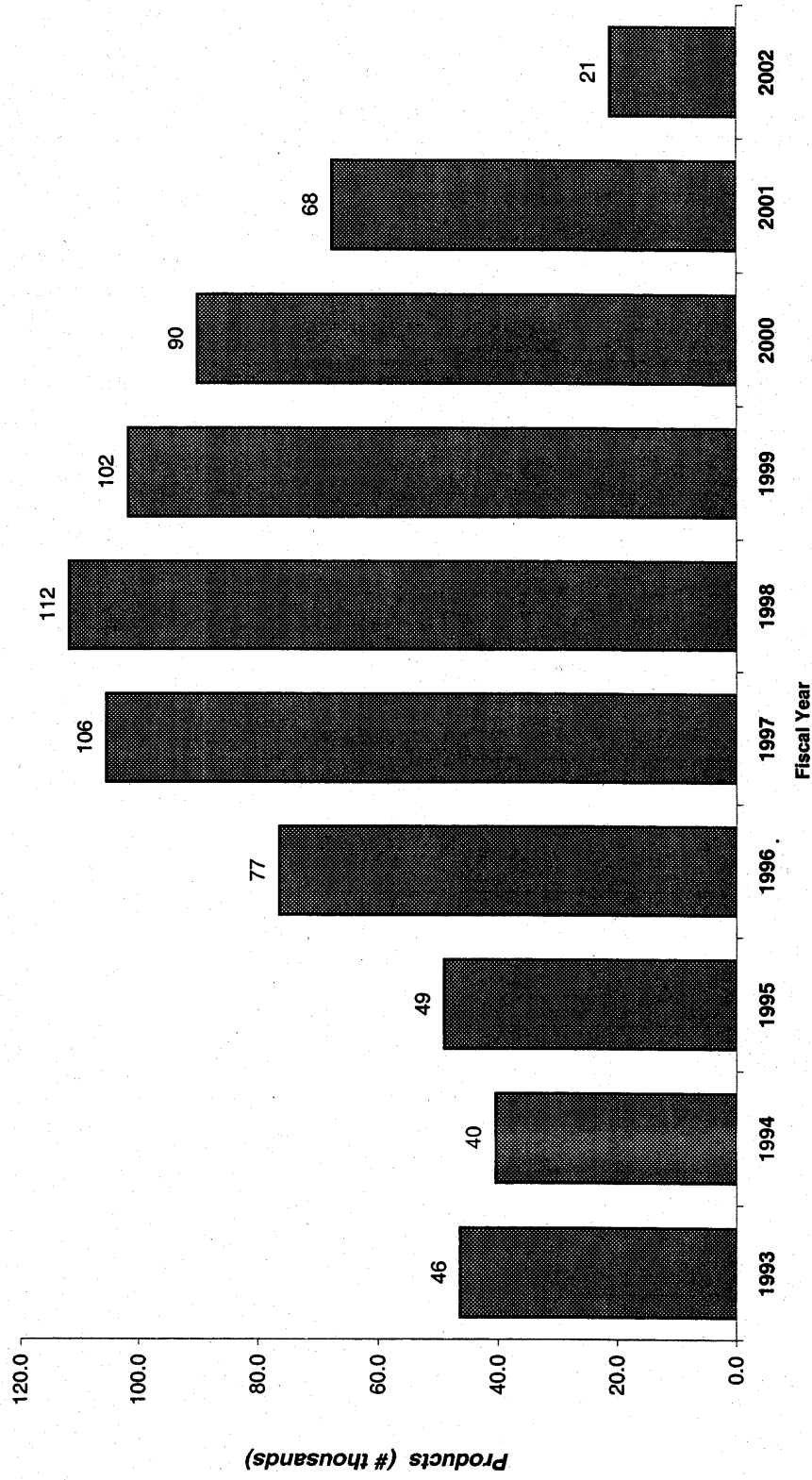


* Includes direct customer sales, EDC repay projects and sales to USGS customers.

EDC Photographic Laboratory Workload Fiscal Years 1993 - 2002

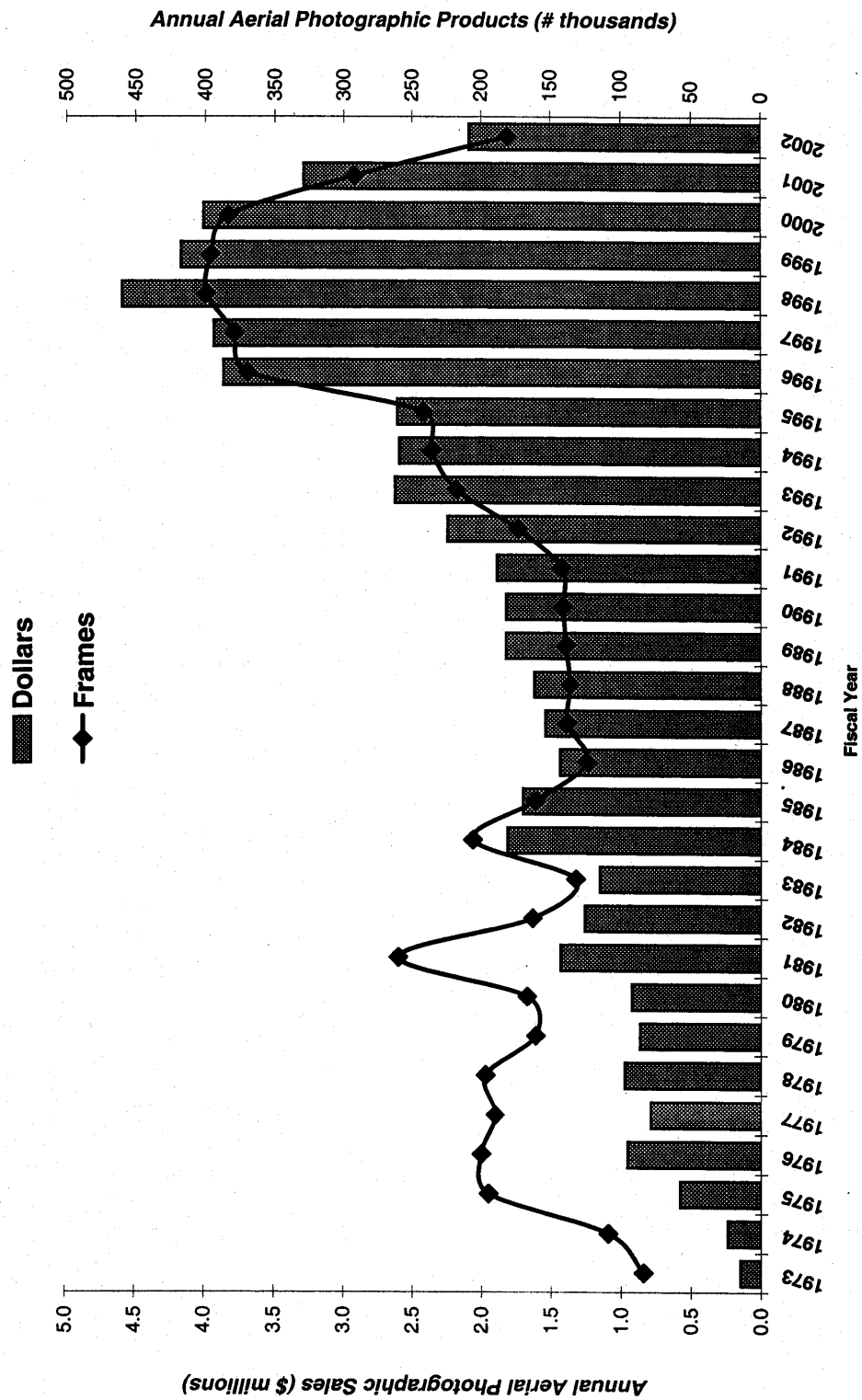


EDC Film Diapositive Workload Fiscal Years 1993 - 2002

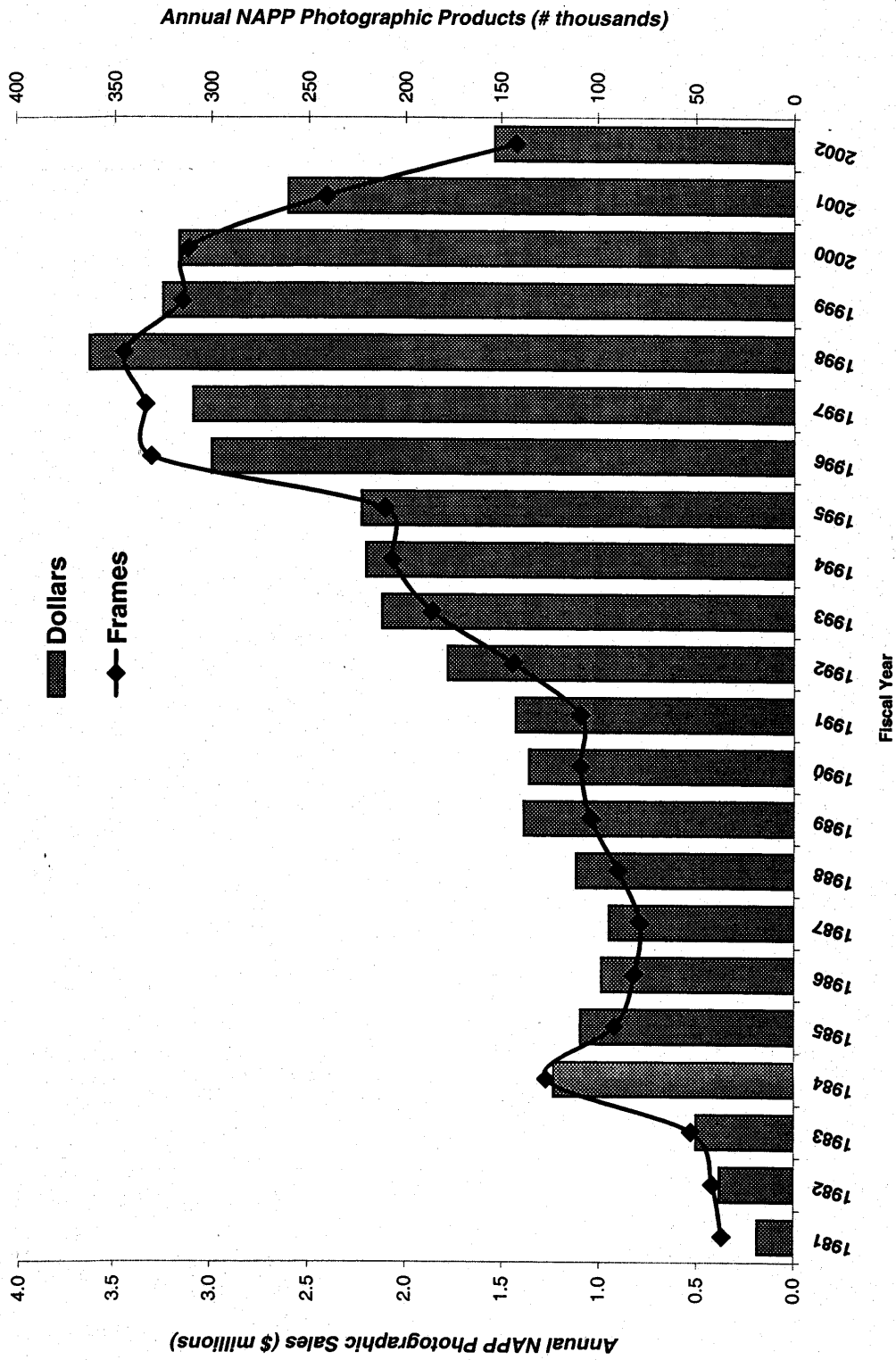


Primarily for USGS Mapping Centers, for use in map production.

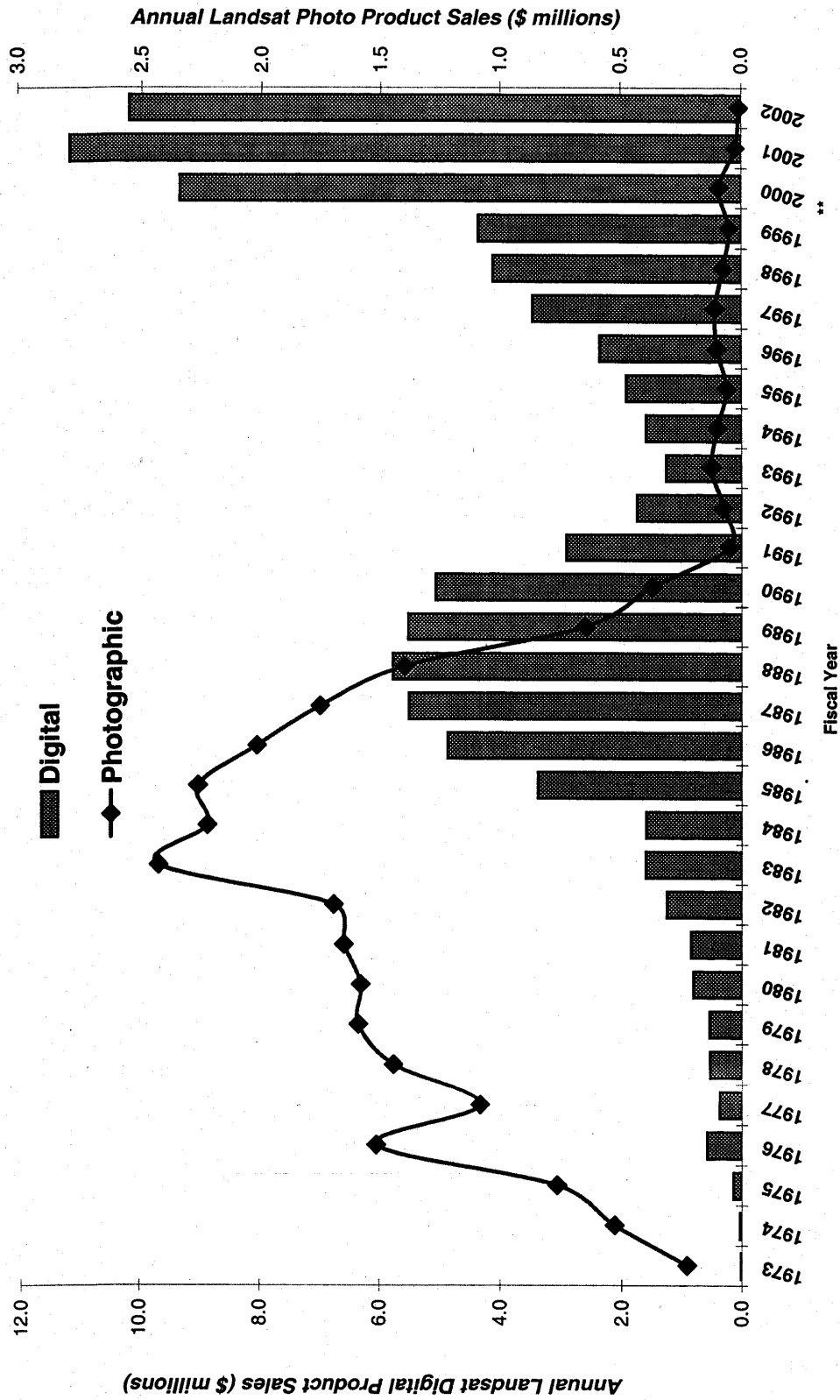
Aerial Photographic Data Sales Fiscal Years 1973 - 2002



NAPP Data Sales Fiscal Years 1981 - 2002



Landsat 1-5 & 7 Sales (\$) *
Fiscal Years 1973 - 2002

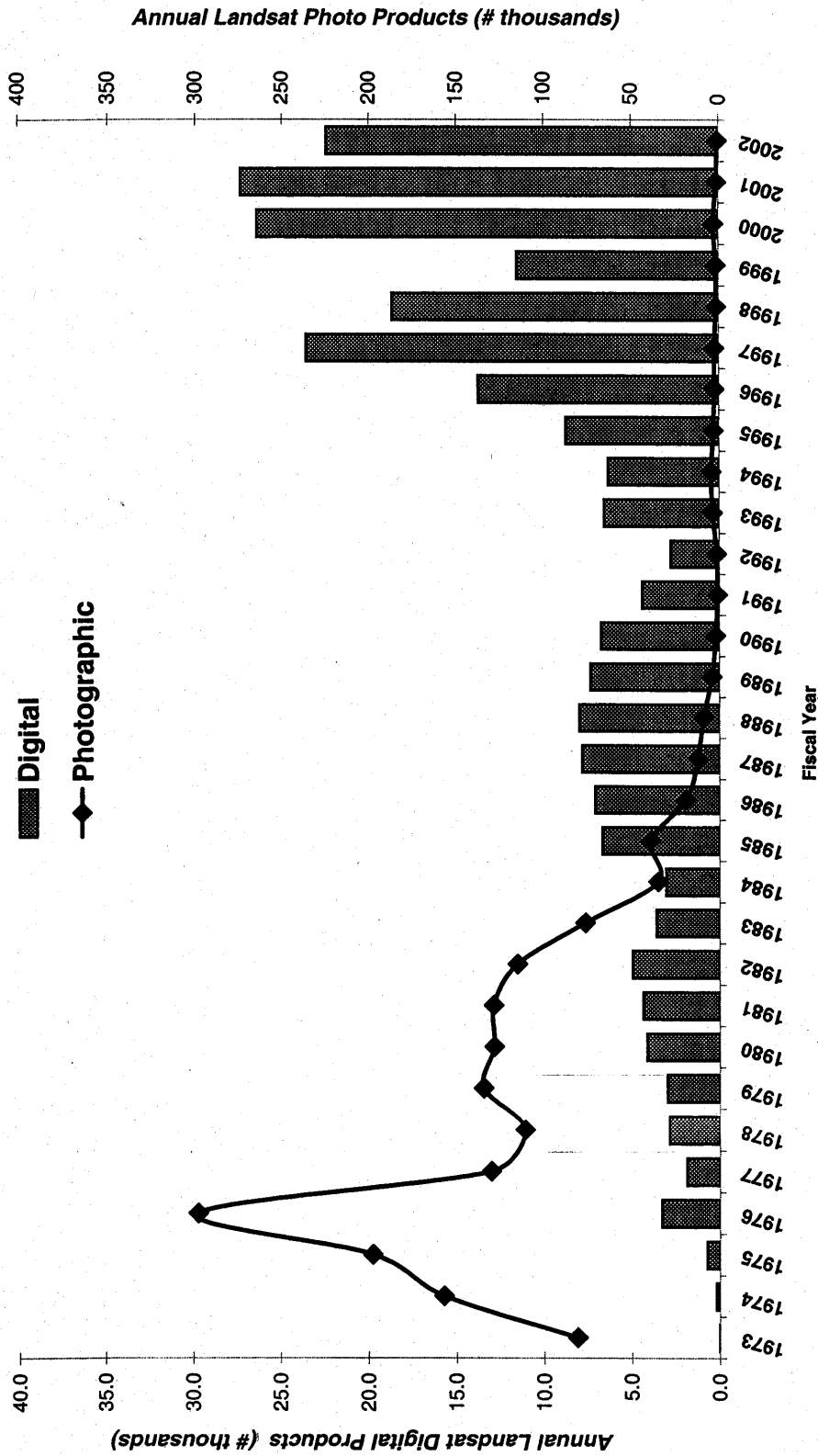


* Includes direct customer sales, EDC repay projects and sales to USGS customers.

** Landsat 7 sales began in late FY 1999.

Landsat Sales 1-5 & 7 (# of Items) *

Fiscal Years 1973 - 2002



* Includes direct customer sales, EDC repay projects and sales to USGS customers.
 ** Landsat 7 sales began in late FY 1999.
 *** Item count as reported in the FY2000 Annual Report was corrected to ensure future comparability to the way Landsat 7 items count are measured.

Historical Customer Profile

USGS EDC Photographic Products

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
2001	FEDERAL GOVERNMENT				
	EDC PROJECTS	5,726	2%	73,996	2%
	NMD & OTHER DIVISIONS	159,420	55%	1,270,349	39%
	OTHER FEDERAL	31,275	11%	331,639	10%
	STATE/LOCAL GOVERNMENT	9,123	3%	104,320	3%
	ACADEMIA	8,533	3%	95,360	3%
	INDUSTRY	37,133	13%	777,418	24%
	BUSINESS PARTNERS	18,163	6%	254,792	8%
	INDIVIDUALS	19,693	7%	340,354	10%
NON-U.S.	2,693	1%	41,902	1%	
	TOTAL	291,759	100%	3,290,129	100%
2000	FEDERAL GOVERNMENT				
	USGS	264,655	69%	1,991,892	50%
	OTHER FEDERAL	18,971	5%	278,286	7%
	STATE/LOCAL GOVERNMENT	10,966	3%	124,563	3%
	ACADEMIA	8,712	2%	112,026	3%
	INDUSTRY	33,760	9%	721,128	18%
	BUSINESS PARTNERS	11,877	3%	214,315	5%
	INDIVIDUALS	32,227	8%	541,358	13%
	NON-U.S.	1,903	0%	29,898	1%
	TOTAL	383,071	100%	4,013,466	100%
1999	FEDERAL GOVERNMENT				
	USGS	258,473	65%	1,788,196	43%
	OTHER FEDERAL	38,927	10%	522,224	13%
	STATE/LOCAL GOVERNMENT	6,394	2%	73,552	2%
	ACADEMIA	7,117	2%	106,404	3%
	INDUSTRY	32,498	8%	762,992	18%
	BUSINESS PARTNERS	16,391	4%	281,016	7%
	INDIVIDUALS	34,500	9%	601,667	14%
	NON-U.S.	2,047	1%	38,614	1%
	TOTAL	396,347	100%	4,174,663	100%
1998	FEDERAL GOVERNMENT				
	USGS	254,513	64%	2,047,159	45%
	OTHER FEDERAL	23,550	6%	376,399	8%
	STATE/LOCAL GOVERNMENT	19,652	5%	203,680	4%
	ACADEMIA	7,840	2%	110,026	2%
	INDUSTRY	64,622	16%	1,260,091	27%
	INDIVIDUALS	25,785	6%	541,268	12%
	NON-U.S.	3,263	1%	57,230	1%
	TOTAL	399,225	100%	4,595,850	100%

Historical Customer Profile Landsat Digital Data *

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
2001	FEDERAL GOVERNMENT				
	EDC PROJECTS	699	3%	287,432	3%
	NMD & OTHER DIVISIONS	3,914	14%	931,047	8%
	OTHER FEDERAL	5,909	22%	2,512,638	23%
	STATE/LOCAL GOVERNMENT	234	1%	130,310	1%
	ACADEMIA	3,404	12%	1,210,993	11%
	INDUSTRY	2,281	8%	991,225	9%
	BUSINESS PARTNERS	6,116	22%	2,809,051	25%
	INDIVIDUALS	152	1%	54,167	0%
	NON-U.S.	4,629	17%	2,234,253	20%
	TOTAL	27,338	100%	11,181,116	100%
2000	FEDERAL GOVERNMENT				
	USGS	2,958	9%	968,609	10%
	OTHER FEDERAL	14,008	43%	3,597,197	39%
	STATE/LOCAL GOVERNMENT	242	1%	111,865	1%
	ACADEMIA	1,959	6%	668,681	7%
	INDUSTRY	4,345	13%	1,339,026	14%
	BUSINESS PARTNERS	1,881	6%	618,075	7%
	INDIVIDUALS	1,099	3%	107,098	1%
	NON-U.S.	6,320	19%	1,913,591	21%
	TOTAL	32,812	100%	9,324,142	100%
1999 **	FEDERAL GOVERNMENT				
	USGS	1,391	12%	820,558	19%
	OTHER FEDERAL	5,622	49%	1,721,778	39%
	STATE/LOCAL GOVERNMENT	152	1%	124,010	3%
	ACADEMIA	996	9%	409,767	9%
	INDUSTRY	1,059	9%	412,257	9%
	BUSINESS PARTNERS	45	0%	15,013	0%
	INDIVIDUALS	276	2%	116,398	3%
	NON-U.S.	1,988	17%	752,090	17%
	TOTAL	11,529	100%	4,371,870	100%
1998	FEDERAL GOVERNMENT				
	USGS	10,315	55%	1,125,098	27%
	OTHER FEDERAL	2,478	13%	934,378	23%
	STATE/LOCAL GOVERNMENT	171	1%	52,625	1%
	ACADEMIA	883	5%	269,872	7%
	INDUSTRY	1,627	9%	477,937	12%
	INDIVIDUALS	403	2%	99,197	2%
	NON-U.S.	2,781	15%	1,169,263	28%
		TOTAL	18,658	100%	4,128,369

* FY1999 Landsat Satellites 1 - 5 and 7

** FY1998 - FY1999 : Landsat Satellites 1 - 5

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
2001*	FEDERAL GOVERNMENT				
	EDC PROJECTS	47	4%	3,975	15%
	NMD & OTHER DIVISIONS	167	13%	10,786	42%
	OTHER FEDERAL	8	1%	163	1%
	STATE/LOCAL GOVERNMENT	3	0%	30	0%
	ACADEMIA	97	8%	820	3%
	INDUSTRY	203	16%	2,030	8%
	BUSINESS PARTNERS	109	8%	1,255	5%
	INDIVIDUALS	123	10%	1,294	5%
	NON-U.S.	527	41%	5,350	21%
	TOTAL	1,284	100%	25,702	100%
2000 **	FEDERAL GOVERNMENT				
	USGS	1,609	67%	77,264	86%
	OTHER FEDERAL	28	1%	1,892	2%
	STATE/LOCAL GOVERNMENT	1	0%	10	0%
	ACADEMIA	82	3%	868	1%
	INDUSTRY	430	18%	6,566	7%
	BUSINESS PARTNERS	1	0%	18	0%
	INDIVIDUALS	161	7%	2,228	2%
	NON-U.S.	72	3%	956	1%
	TOTAL	2,384	100%	89,802	100%
1999 ***	FEDERAL GOVERNMENT				
	USGS	353	21%	18,138	36%
	OTHER FEDERAL	157	10%	10,640	21%
	STATE/LOCAL GOVERNMENT	0	0%	0	0%
	ACADEMIA	219	13%	3,986	8%
	INDUSTRY	434	26%	5,932	12%
	BUSINESS PARTNERS	1	0%	18	0%
	INDIVIDUALS	178	11%	2,286	5%
	NON-U.S.	304	18%	9,738	19%
	TOTAL	1,646	100%	50,737	100%
1998 ***	FEDERAL GOVERNMENT				
	USGS	499	32%	57,881	74%
	OTHER FEDERAL	31	2%	4,650	6%
	STATE/LOCAL GOVERNMENT	1	0%	18	0%
	ACADEMIA	21	1%	498	1%
	INDUSTRY	703	45%	9,564	12%
	INDIVIDUALS	137	9%	2,776	4%
	NON-U.S.	161	10%	2,692	3%
		TOTAL	1,553	100%	78,079

* FY2001 : Landsat Satellites 1 - 5, 7, AVHRR, Large Format Camera and Shuttle.

** FY2000 : Landsat Satellites 1 - 5 and 7.

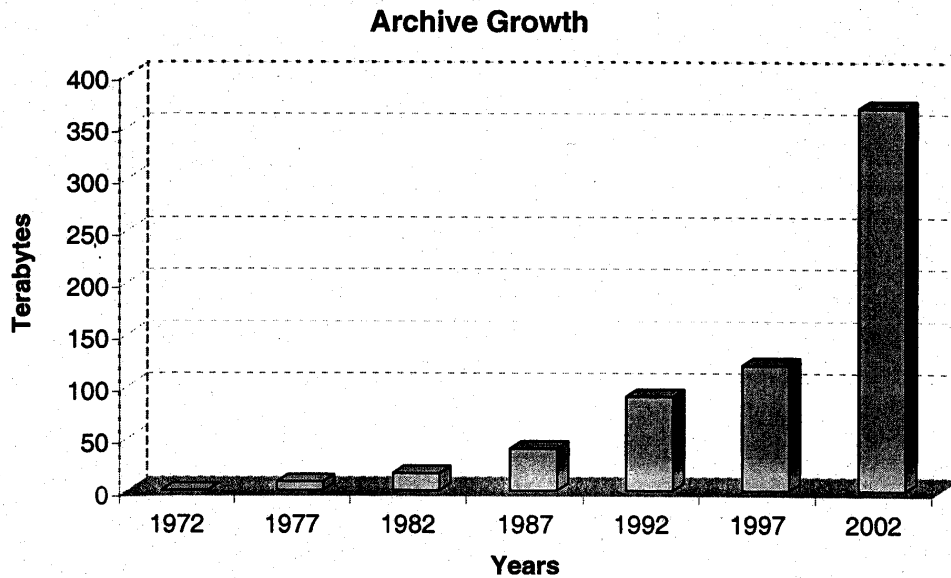
*** FY1998 - FY1999 : Landsat Satellites 1 - 5.

Section IV

USGS EDC Archives and Catalog

This section describes those data archives, both digital and photographic, that are maintained by the USGS EDC to preserve and catalog remotely sensed, cartographic, and other earth science data. In addition, several catalogs refer to data held elsewhere that are of interest to USGS EDC customers.

As of the end of fiscal year 2002, the USGS EDC had archived nearly 12.5 million frames of photographic data. This includes nearly 2.9 million frames of Landsat photographic data. The Landsat International Catalog maintained by the USGS EDC refers to more than 1.4 million Landsat scenes archived in the United States, and more than 2.6 million scenes of Landsat Data held by International ground stations.



30 years of Landsats 1-5:
154 terabytes

3 years of Landsat 7:
214 terabytes

Data Archive Report As Of September 2002

SUMMARY OF DATA ARCHIVED AT USGS EDC

PHOTOGRAPHIC DATA	ROLLS	FRAMES
AERIAL IMAGES	60,664	8,252,784
LANDSAT SATELLITE IMAGES	21,260	2,876,184
OTHER SATELLITE IMAGES	21,848	1,356,566
Sub Total	43,108	4,232,750
TOTAL PHOTOGRAPHIC DATA	103,772	12,485,534

DIGITAL DATA	MAGNETIC TAPES / QUADS	SCENES / FILES / PRODUCTS
AERIAL IMAGE DATA	4,349	10,251
LANDSAT MSS/TM IMAGE DATA	69,589	1,189,451
LANDSAT ETM IMAGE DATA	N/A	417,981
* OTHER SATELLITE IMAGE DATA	38,212	1,287,299
DIGITAL CARTOGRAPHIC DATA	98,740	599,589
EARTH SCIENCE DATA	978	7,941
TOTAL DIGITAL DATA	211,868	3,512,512

* SPOT data added to archive in FY2001.

Data Archive Report As Of September 2002

PHOTOGRAPHIC DATA ARCHIVED AT USGS EDC

AERIAL PHOTOGRAPHY		
SOURCE	ROLLS	FRAMES
US Geological Survey	17,510	2,602,172
NAPP/NHAP	14,341	2,202,934
Bureau of Land Management	592	118,423
Bureau of Reclamation	298	59,608
National Park Service	158	26,841
Bureau of Indian Affairs	48	9,638
TOTAL DEPARTMENT OF THE INTERIOR	32,947	5,019,616
Army Map Service	1,743	206,136
US Air Force	3,207	303,388
US Navy	6,593	439,752
Corps of Engineers	98	24,076
TOTAL DEPARTMENT OF DEFENSE	11,641	973,352
Ames Research Center	4,908	601,394
Johnson Space Center	7,625	1,179,975
Other NASA	1,385	127,741
TOTAL NASA	13,918	1,909,110
OTHER FEDERAL AGENCY PHOTOGRAPHY	2,158	350,706
TOTAL AERIAL PHOTOGRAPHY	60,664	8,252,784

SATELLITE PHOTOGRAPHS or FILM		
SOURCE	ROLLS	FRAMES
Landsat MSS 70 mm Film (1/2/3)	7,708	1,342,187
Landsat MSS 9" B&W Film	10,628	1,338,195
Landsat TM 9" B&W Film	2,924	175,665
Color Composites, MSS	N/A	18,271
Color Composites, TM	N/A	1,866
Skylab	621	50,728
Apollo / Gemini / Apollo-Soyuz	127	18,371
LFC / Shuttle	3,709	341,747
Declassified Intelligence Satellite Photography	17,391	945,720
TOTAL SATELLITE PHOTOGRAPHY	43,108	4,232,750

COMBINED TOTAL AERIAL & SATELLITE	103,772	12,485,534
--	----------------	-------------------

N/A = Information not available.

Data Archive Report As Of September 2002

DIGITAL DATA ARCHIVED AT USGS EDC

SOURCE	MAGNETIC TAPES	SCENES/ FILES
AERIAL IMAGE DATA		
NASA Data		
TIMS / NS001	1,732	7,323
National Park Service	94	N/A
Side-Looking Airborne Radar (SLAR)	2,523	2,928
TOTAL	4,349	10,251
SATELLITE IMAGE DATA		
Landsat MSS/TM Digital Data	69,589	1,189,451
Landsat ETM Digital Data	N/A	417,981
AVHRR		
HRPT Data (EDC Direct and DOMSAT)	N/A	62,569
LAC Data Received via DOMSAT	N/A	76,771
Data Received From Other Sources	N/A	138,083
AVHRR 1-KM Orbital Segments	10,402	30,380
NASA Data		
SIR-C	3,131	18,377
ASAS	166	162
NALC	2,531	2,531
NLDC	10,530	6,669
* SPOT Data	896	943,759
SPOT MSI Data	59	1,029
Department of Defense Multispectral Imagery Data	9,523	5,995
Other	974	974
TOTAL	107,801	2,894,731
USGS GEO DATA (Digital Cartographic Data)		
	QUADS	PRODUCTS
7.5' DIGITAL ELEVATION MODEL (DEM)	54,302	89,875
15' DIGITAL ELEVATION MODEL (DEM)	2,886	3,689
30' DIGITAL ELEVATION MODEL (DEM)	N/A	1,569
250k DIGITAL ELEVATION MODEL (DEM)	N/A	1,385
7.5'k & 15' DIGITAL LINE GRAPH (DLG)	39,661	178,197
100k DIGITAL LINE GRAPH (DLG)	1,842	21,829
1:2 M DIGITAL LINE GRAPH (DLG)	49	323
LAND USE LAND COVER (LULC)	N/A	2,749
GTOPO 30	N/A	33
3.75' DIGITAL ORTHOPHOTOQUAD QUARTER QUAD (DOQ QQ)	N/A	240,505
7.5' DIGITAL ORTHOPHOTOQUAD FULL (DOQ)	N/A	1,491
DIGITAL ORTHOPHOTOQUAD COUNTY CD'S (DOQ)	N/A	66
DIGITAL RASTER GRAPHICS (DRG)	N/A	57,719
NATIONAL ATLAS	N/A	157
TOTAL	98,740	599,587
EARTH SCIENCE DATA		
National Uranium Resource Evaluation (NURE/LIL)	957	7,941
Geophysical Research Program	21	N/A
TOTAL	978	7,941
TOTAL DIGITAL HOLDINGS	211,868	3,512,510

N/A = Information not available.

* SPOT data added to archive in FY2001.

Landsat International Catalog Summary As Of September 2002

References Landsat data archived by U.S. and foreign ground stations.
Input provided via LGSOWG data exchange format tape.

COUNTRY	SCENES	LAST UPDATE	ACQUISITION DATE RANGE
USA	644,907 MSS	DAILY	07/72 - 10/92
	494,033 TM		08/82 - 09/02
	274,640 ETM		06/99 - 09/02
BRAZIL	32,617 MSS	05/90	05/73 - 09/87
	108,689 TM	05/95	03/84 - 01/95
CANADA	466,225 MSS	04/96	07/72 - 04/96
	188,616 TM	04/96	08/82 - 04/96
EARTHNET: ITALY	398,865 MSS	04/95	04/75 - 12/93
	135,843 TM	04/95	04/84 - 03/95
SWEDEN	479,622 MSS	04/95	04/75 - 12/93
	188,600 TM	04/95	04/84 - 03/95
MASPALOMAS (Spain)	23,918 MSS	08/91	07/84 - 12/90
	3,058 TM	04/95	11/87 - 07/94
SOUTH AFRICA	58,502 MSS	11/93	07/80 - 09/93
	38,630 TM	03/97	01/89 - 12/96
AUSTRALIA	210,671 MSS	09/91	09/79 - 08/91
JAPAN	185,459 MSS	06/99	01/79 - 01/99
	144,586 TM	06/02	04/84 - 12/00
PAKISTAN	3,256 MSS	06/90	05/89 - 12/89
	4,583 TM	06/90	05/89 - 12/89
TOTAL SCENES	2,504,042 MSS		
	1,306,638 TM		
	274,640 ETM		
	4,085,320		

(2,671,740) = LGSOWG TOTAL SCENES / NON-USGS EDC

TO DATE, USGS EDC HAS NOT RECEIVED INTERNATIONAL DATA BASE UPDATES FROM:
 INDONESIA
 THAILAND
 PEOPLE'S REPUBLIC OF CHINA
 SAUDI ARABIA
 INDIA.

NOTE: FOREIGN/USA NUMBER OF MSS SCENES NO LONGER CONTAIN RBV DATA.

USGS DIGITAL DATA TOTALS AND SIZE As Of October 2002

DATA SET:	SOURCE	ARCHIVE LOCATION	EDC ARCHIVE MEDIA	GRANULE	AVERAGE GRANULE SIZE (BYTES)	NUMBER OF GRANULES	TOTAL SIZE - ALL GRANULES (BYTES)	DISTRIBUTION MEDIA
DRG	USGS	MCMC/RMMC	No media	File	10,000,000	58,270	582,700,000,000	CD/FTP/DVD
DOQ - QUARTER QUAD (3.75 MINUTE) BW	USGS	EDC/AWMC	DLT	File	45,000,000	183,913	8,276,085,000,000	8M/CD/FTP/DVD
DOQ - QUARTER QUAD (3.75 MINUTE) CIR	USGS	EDC/AWMC	DLT	File	150,000,000	59,814	8,972,100,000,000	8M/CD/FTP/DVD
DOQ - FULL QUAD (7.5 MINUTE) BW	USGS	EDC/AWMC	DLT	File	500,000,000	1,545	772,500,000,000	8M/CD/FTP/DVD
DOQ - COUNTY PRODUCTS	USGS	RMMC/EDC	CDROM	*	650,000,000	323	209,950,000,000	CD
LULC - 100K	USGS	EDC	3480	File	500,000	269	134,500,000	8MM/FTP
LULC - 250K	USGS	EDC	3480	File	500,000	2,480	1,240,000,000	8MM/FTP
DLG - 7.5 MINUTE	USGS	RMMC	No media	File	200,000	235,591	47,118,200,000	8M/CD/FTP
DLG - 15 MINUTE	USGS	RMMC	No media	File	250,000	8,384	2,096,000,000	8M/CD/FTP
DLG - 100K	USGS	RMMC	No media	File	500,000	22,971	11,485,500,000	CD
DLG - 2 MILLION	USGS	EDC	3480	File	155,000	323	50,065,000	CD
DEM - 7.5 MINUTE	USGS	MCMC/RMMC	No media	File	1,000,000	156,786	156,786,000,000	8MM/CD
DEM - 15 MINUTE	USGS	MCMC/RMMC	No media	File	1,400,000	7,047	9,865,800,000	8MM/CD
DEM - 2 ARC SECOND (30 Minute)	USGS	EDC	3480	File	5,600,000	1,569	8,786,400,000	8MM/CD
DEM - 250K (1 DEGREE)	USGS	EDC	3480	File	900,000	1,385	1,246,500,000	8MM/CD
NATIONAL ATLAS	USGS	MAC	No media	File	16,000,000	157	2,512,000,000	CD
AVHRR	NOAA	EDC	3490	Scene	120,000,000	279,476	33,537,120,000,000	8MM
LANDSAT MSS	USGS	EDC	DCT	Scene	30,000,000	651,366	19,540,980,000,000	8MM/CD
LANDSAT TM	USGS	EDC	DCT	Scene	250,000,000	539,312	134,828,000,000,000	8MM/CD
LANDSAT ETM+	NASA / USGS	EDC	DLT	Scene	500,000,000	428,458	214,229,000,000,000	8MM/CD/FTP
SPOT	USGS	EDC	DLT	Scene	65,000,000	943,759	61,344,335,000,000	DLT/DVD
						TOTAL	482,534,090,965,000 *	

*Tarrred, jpegged compression image
Footnotes:
▪ 1 terrabyte = 1,000,000,000,000 bytes