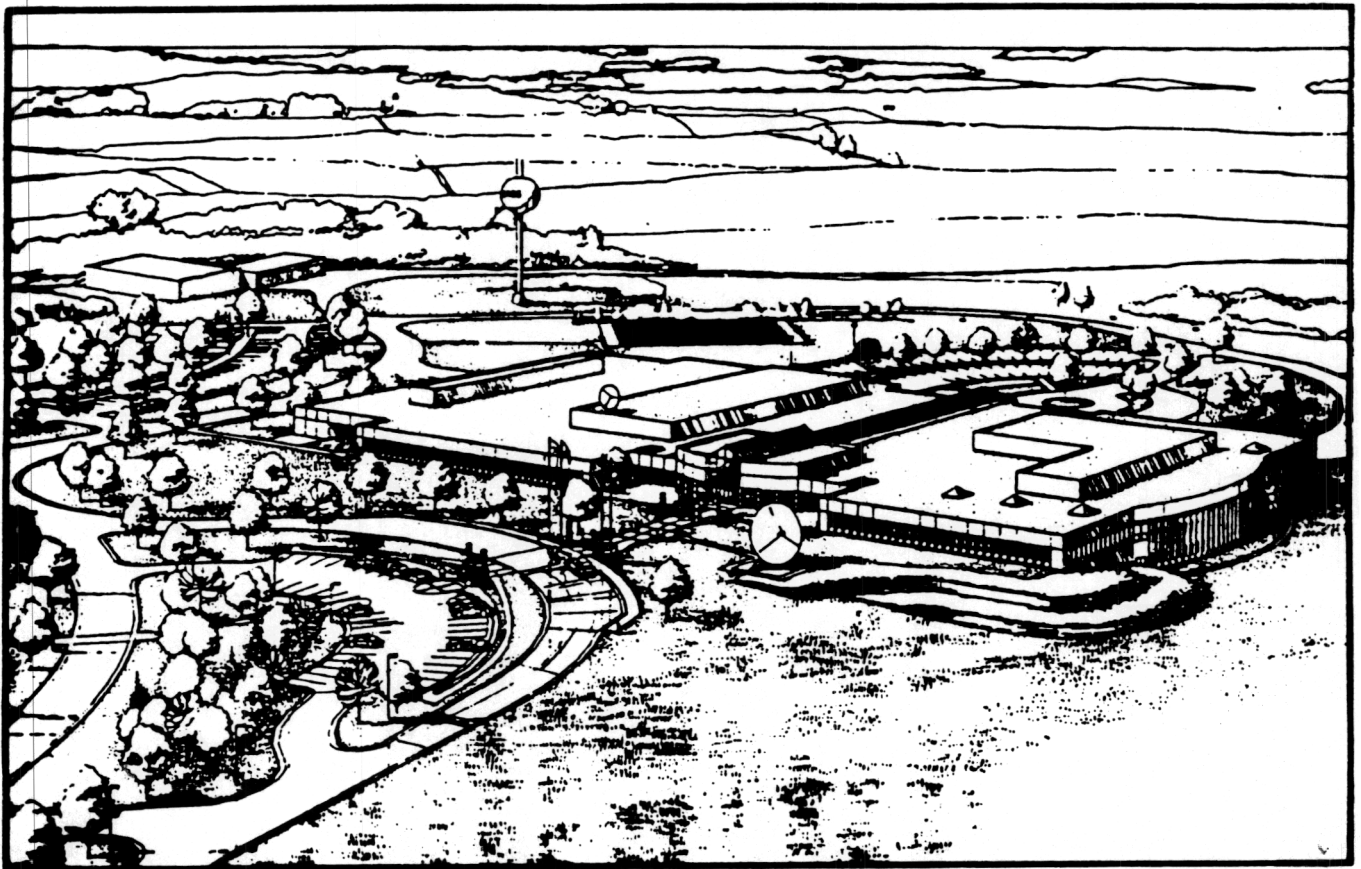

U.S. Geological Survey
EROS Data Center

**Annual Report Of
Data Services**

Fiscal Year 1996



Prepared by:

Nancy Schultz, Information Specialist, HSTX
Data Services Branch, Customer Services

EROS Data Center

Sioux Falls, SD 57198



U.S. Geological Survey
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Annual Report Of Data Services

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Section I

Products And Services

In fiscal year 1996, the EDC produced and distributed more than \$8.3 million worth of products and services. Of the total, over \$3.9 million was in sales to outside customers and more than \$2 million was in products and services provided through EDC cooperative repay projects, for a "reimbursable" total of almost \$6 million. The remaining \$2.4 million was for products and services distributed to users within the U.S. Geological Survey. In addition, more than 1.6 million files of digital cartographic data were distributed free of charge via the Internet.

The EDC purchased almost \$1.3 million worth of satellite data products from commercial satellite operators as a brokerage service for other Federal agencies.

Almost 87,000 user inquiries were received at EDC during the year, and over 15,000 orders were filled.

	<u>Items</u>	<u>Dollars</u>
Photographic Products	369,731	3,868,751
Digital Products/Processing	177,556	4,345,429
Reference Aids	160	14,344
Miscellaneous	<u>16,951</u>	<u>72,503</u>
Total	564,398	\$ 8,301,027

EDC Annual Sales Report Fiscal Year 1996

	DIRECT REPAY CUSTOMERS	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
PHOTOGRAPHIC DATA				
AERIAL IMAGES				
NAPP	\$ 1,613,398.90	\$ 27,781.00	\$ 1,358,119.50	\$ 2,999,299.40
Other	408,482.20	607.00	21,711.00	430,800.20
SATELLITE IMAGES				
Landsat MSS	29,477.00	7,469.00	4,237.00	41,183.00
Landsat TM	150.00	44,670.00	691.00	45,511.00
Landsat Derivative Products	2,235.00	13,290.00	225.00	15,750.00
AVHRR	1,637.50	4,724.00	11,113.00	17,474.50
Declassified Intelligence Satellite Photography	13,978.00	0.00	3,505.00	17,483.00
Other	2,080.00	0.00	0.00	2,080.00
Digital Film Recorder Products	440.00	34,350.00	100,275.00	135,065.00
Other Photographic Data	23,492.60	41,235.00	99,377.00	164,104.60
TOTAL PHOTOGRAPHIC DATA	\$ 2,095,371.20	\$ 174,126.00	\$ 1,599,253.50	\$ 3,868,750.70
DIGITAL DATA PRODUCTS/PROCESSING				
Digital Data Processing	\$ 23,111.20	\$ 87,629.64	\$ 3,148.83	\$ 113,889.67
Custom Processing Charges	156,366.04	666,443.72	232,389.60	1,055,199.36
Landsat MSS	208,870.00	505,350.00	30,030.00	744,250.00
Landsat TM	965,759.50	120,660.00	95,077.50	1,181,497.00
Landsat Derivative Products	9,820.00	232,920.00	183,350.00	426,090.00
AVHRR Images	64,363.00	108,751.05	111,783.00	284,897.05
Digital Cartographic Data				
7.5/15' 30' DEM	217,274.50	152.00	55,923.00	273,349.50
250k DEM	7,889.00	0.00	0.00	7,889.00
24k & 15' DLG	18,013.00	0.00	12,414.00	30,427.00
100k DLG	11,980.00	0.00	3,845.00	15,825.00
LULC	20.00	0.00	0.00	20.00
"Large Order" Charges	44,257.50	90.00	8,190.00	52,537.50
DAAC Products				
SIR-C Educational CD's	210.00	123,176.55	4,240.00	127,626.55
DAAC Tape Copies	2,210.00	15,679.00	210.00	18,099.00
Other Digital Data	10,365.00	3,259.00	208.00	13,832.00
TOTAL DIGITAL DATA/PRODUCTS/PROCESSING	\$ 1,740,508.74	\$ 1,864,110.96	\$ 740,808.93	\$ 4,345,428.63
MISCELLANEOUS				
Reference Aids	\$ 7,094.00	\$ 1,100.00	\$ 6,150.00	\$ 14,344.00
Other Products and Services	67,681.88	1,301.00	3,520.50	72,503.38
TOTAL MISCELLANEOUS	\$ 74,775.88	\$ 2,401.00	\$ 9,670.50	\$ 86,847.38
GRAND TOTAL	\$ 3,910,655.82	\$ 2,040,637.96	\$ 2,349,732.93	\$ 8,301,026.71
Satellite Data Brokerage Fees	\$ 43,119.50	\$ 17,568.60	\$ 3,381.97	\$ 64,070.07
Satellite Data Brokerage Sales	\$ 863,018.93	\$ 360,772.00	\$ 74,640.93	\$ 1,298,431.86

* Does not include no-cost electronic distribution of data. (see page 5)

EDC Data Distribution/Services
Fiscal Year 1996
(# of Items)

	DIRECT REPAY CUSTOMERS	EDC REPAY PROJECTS	USGS CUSTOMERS	TOTAL
PHOTOGRAPHIC DATA				
AERIAL IMAGES				
NAPP	102,709	2,066	226,007	330,782
Other	25,373	84	3,832	29,289
SATELLITE IMAGES				
Landsat MSS	1,794	82	226	2,102
Landsat TM	1	410	5	416
Landsat Derivative Products	34	128	1	163
AVHRR	52	227	180	459
Declassified Intelligence Satellite Photography	659	0	269	928
Other	87	0	0	87
Digital Film Recorder Products				
Other Photographic Data	4	229	663	896
TOTAL PHOTOGRAPHIC DATA	<u>1,057</u>	<u>1,124</u>	<u>2,428</u>	<u>4,609</u>
	131,770	4,360	233,611	369,731
DIGITAL DATA PRODUCTS/PROCESSING				
Digital Data Processing	6	48	12	66
Custom Processing Charges	2,551	608	105	3,264
Landsat MSS	1,045	1,615	116	2,776
Landsat TM	2,565	552	235	3,352
Landsat Derivative Products	74	5,704	1,839	7,617
AVHRR Images	1,331	2,430	1,082	4,843
Digital Cartographic Data				
7.5'/15' 30' DEM	98,105	17	7,718	105,840
250k DEM	7,104	0	0	7,104
24k & 15' DLG	2,985	0	1,673	4,658
100k DLG	6,906	0	539	7,445
LULC	8	0	0	8
"Large Order" Charges	494	1	91	586
DAAC Products				
SIR-C Educational CD's	3	29,517	20	29,540
DAAC Tape Copies	15	192	3	210
Other Digital Data	<u>139</u>	<u>101</u>	<u>7</u>	<u>247</u>
TOTAL DIGITAL DATA/PRODUCTS/PROCESSING	123,331	40,785	13,440	177,556
MISCELLANEOUS				
Reference Aids	63	3	94	160
Other Products and Services	<u>16,236</u>	<u>252</u>	<u>463</u>	<u>16,951</u>
TOTAL MISCELLANEOUS	16,299	255	557	17,111
GRAND TOTAL	271,400	46,390	247,608	564,398
Satellite Data Brokerage Fees	N/A	N/A	N/A	N/A
Satellite Data Brokerage Sales	365	281	54	680

* Does not include no-cost electronic distribution of data. (see page 5)

Customer Profile

EDC Digital Data Products & Processing

Fiscal Year 1996

Digital Data Products *

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	53,452	\$1,615,308.10
OTHER FEDERAL	<u>7,215</u>	<u>312,372.50</u>
TOTAL FED. GOVERNMENT	60,667	\$1,927,680.60
STATE/LOCAL GOVERNMENT	3,723	34,739.00
ACADEMIA	6,865	192,005.00
INDUSTRY	88,765	528,101.00
INDIVIDUALS	11,742	124,083.50
NON-U.S.	<u>2,464</u>	<u>369,730.50</u>
TOTAL	174,226	\$3,176,339.60

Does not include no-cost electronic distribution of data. (see page 5)

Digital Data Processing *

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	773	\$ 989,611.79
OTHER FEDERAL	<u>2,557</u>	<u>179,477.24</u>
TOTAL FED. GOVERNMENT	3,330	\$1,169,089.03
STATE/LOCAL GOVERNMENT	0	0
ACADEMIA	0	0
INDUSTRY	0	0
INDIVIDUALS	0	0
NON-U.S.	<u>0</u>	<u>0</u>
TOTAL	3,330	\$1,169,089.03

* Reflects image processing or data capture tasks including image registration and mosaicking, vector data capture, data base development, and image manipulation for greenness monitoring.

Customer Profile

"No-Cost" Digital Cartographic Electronic File Delivery FY 1996

CUSTOMER CATEGORY	PRODUCTS TRANSFERRED					TOTAL PRODUCTS
	1:2M DLG	1:100K DLG	1-Degree DEM	LULC	SDTS DLG	
FEDERAL GOV'T	1,294	69,455	17,840	5,283	1,308	95,180
ACADEMIA	3,776	378,660	34,754	11,383	4,414	432,987
INDUSTRY	5,233	414,238	55,060	17,503	5,690	497,724
INDIVIDUALS	266	34,328	1,930	481	137	37,142
NON-U.S.	648	142,676	11,145	1,294	336	156,099
OTHER	5,396	342,502	41,312	12,012	6,652	407,874
TOTAL	16,613	1,381,859	162,041	47,956	18,537	1,627,006

Note: These digital cartographic data were retrieved free of charge from the EDC by customers using the Internet.

Customer Profile
EDC Photographic Products
Fiscal Year 1996

CUSTOMER CATEGORY	ITEMS	DOLLARS
USGS	234,398	\$1,745,751.50
OTHER FEDERAL	<u>28,249</u>	<u>379,748.00</u>
TOTAL FED. GOVERNMENT	262,647	\$2,125,499.50
STATE/LOCAL GOVERNMENT	10,148	155,398.00
ACADEMIA	13,168	134,796.00
INDUSTRY	66,984	1,144,212.20
INDIVIDUALS	13,771	277,014.00
NON-U.S.	<u>3,013</u>	<u>31,831.00</u>
TOTAL	369,731	\$3,868,750.70

Product Profile
EDC Photographic Products
Fiscal Year 1996

BLACK-AND-WHITE PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Paper	85,705	\$ 491,466.10
10" Film	141,679	964,123.50
10" Diapositives Paper	16,466	49,398.00
10" Diapositives Film	16,605	174,545.00
20" Paper	6,544	137,180.20
40" Paper	10,256	381,153.20
Other	<u>2,323</u>	<u>43,656.00</u>
TOTAL	279,578	\$2,241,522.00
COLOR PRODUCTS		
PRODUCT CATEGORY	ITEMS	DOLLARS
10" Paper	11,735	\$ 208,650.90
10" Film	52,784	765,470.80
10" Diapositives Paper	4,931	39,624.00
10" Diapositives Film	12,336	149,496.00
20" Paper	2,530	127,993.00
40" Paper	3,567	270,094.50
Other	<u>2,283</u>	<u>66,416.50</u>
TOTAL	90,166	\$1,627,745.70
GRAND TOTAL PRODUCTS	369,744	\$3,869,267.70

National Aerial Photography Program (NAPP) Annual Activity Report 1996

ACTIVITY	FY 95	FY 96
NUMBER OF FRAMES RECEIVED BY EDC		
Black and White	96,372	45,487
Color Infrared	<u>35,048</u>	<u>35,134</u>
TOTAL	131,420	80,621
NUMBER OF MASTER FRAMES DUPLICATED BY EDC		
Black and White	41,788	59,919
Color Infrared	<u>27,416</u>	<u>35,511</u>
TOTAL	69,204	95,030
NUMBER OF FRAMES SOLD		
Black and White Film/Paper	184,231	250,566
Color Infrared Film/Paper	26,547	78,887
Other	<u>102</u>	<u>3</u>
TOTAL	210,880	329,456
* NAPP PARTICIPANT PURCHASES		
Bureau of Land Management	11,706	4,695
Fish and Wildlife Service	10,014	372
Forest Service	17,123	57,579
National Park Service	0	25
Soil Conservation Service	3,205	809
State of Florida	0	456
State of Georgia	862	1,294
State of Illinois	10,872	0
State of Maine	3,850	3,592
State of Maryland	100	0
State of Massachusetts	3,396	0
State of Minnesota	3,419	635
State of Mississippi	0	99
State of New Jersey	0	16,728
State of New York	1,214	3,845
State of Vermont	824	30
State of Wisconsin	460	0
Tennessee Valley Authority	2,752	1,799
U.S. Geological Survey	<u>835,517</u>	<u>924,128</u>
TOTAL	\$ 905,314	\$ 1,016,086
PURCHASES BY ALL OTHERS	\$ 1,615,764	\$ 1,983,213
REVENUE FROM FRAMES SOLD		
Black and White Film	616,743	880,774
Black and White Paper	563,459	826,849
Black and White Diapositives Film	405,620	165,075
Black and White Diapositives Paper	101,124	47,031
Color Infrared Film	429,036	538,230
Color Infrared Paper	403,202	352,520
Color Infrared Diapositives Film	1,020	149,196
Color Infrared Diapositives Paper	<u>440</u>	<u>39,624</u>
TOTAL	\$ 2,520,664	\$ 2,999,299

* May include State-authorized participants that are not government agencies.

FY96 Photographic Laboratory Workload

Photographic Laboratory	Total Items Processed
Landsat Images	3,173
Other Satellite Images	132
Declassified Intelligence Satellite Photography	1,242
Diapositives	118,48
Aerial Photos	119,69
Custom Products	9,162
Microfilm	382
Miscellaneous	894
* NAPP Duping	69,204
Laminating	218
Passport/Photo ID	262
Process/Mount Film	53

* National Aerial Photography Program

FY96 Digital Data Production Workload

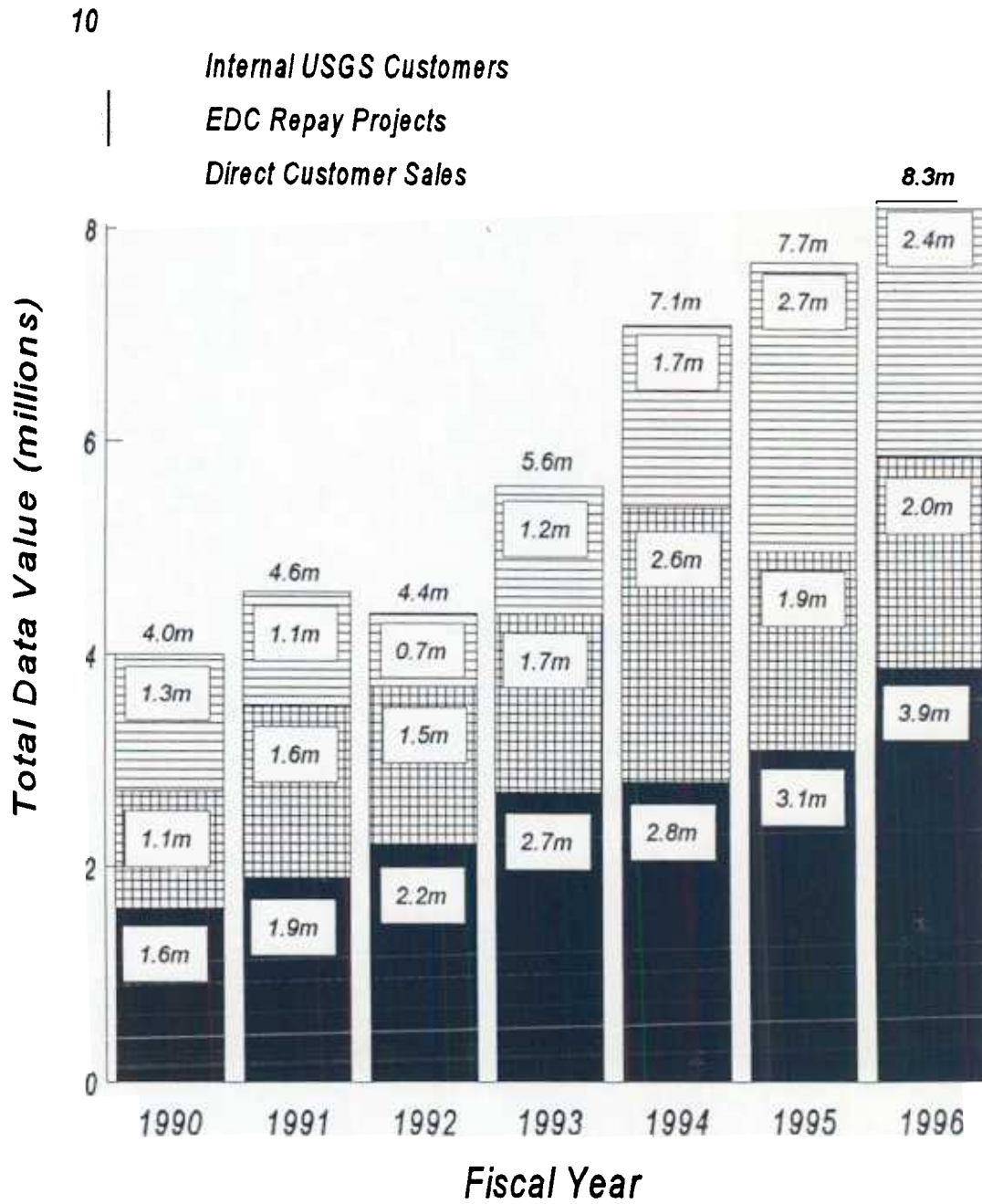
Digital Data Production	Total Items Processed
DEM's Created From DCW	
Eurasia	1
South America	1
Australia	1
NLAPS Registrations	
Systematic	1912
Precision Corrected	54
Geometrically Registered Images	121
Image Maps	121
AVHRR Registrations	192
AVHRR Greenness Maps	
United States	52
Mideast	5
NIS	6
Horn of Africa	4
Alaska	6
AVHRR Global Composites	
North America	18
South America	18
Africa	49
Asia	54
Australia	54
North American Landscape Characterization	
Landsat MSS Triplicates	258
Humid Tropical Forest Inventory	
DAAC Landsat Products	955
Multi-Resolution Landscape Characterization	
Landsat TM Registrations	147
Geographic Information System Databases	38
Custom Image Processing	210

Section II

Historical Information

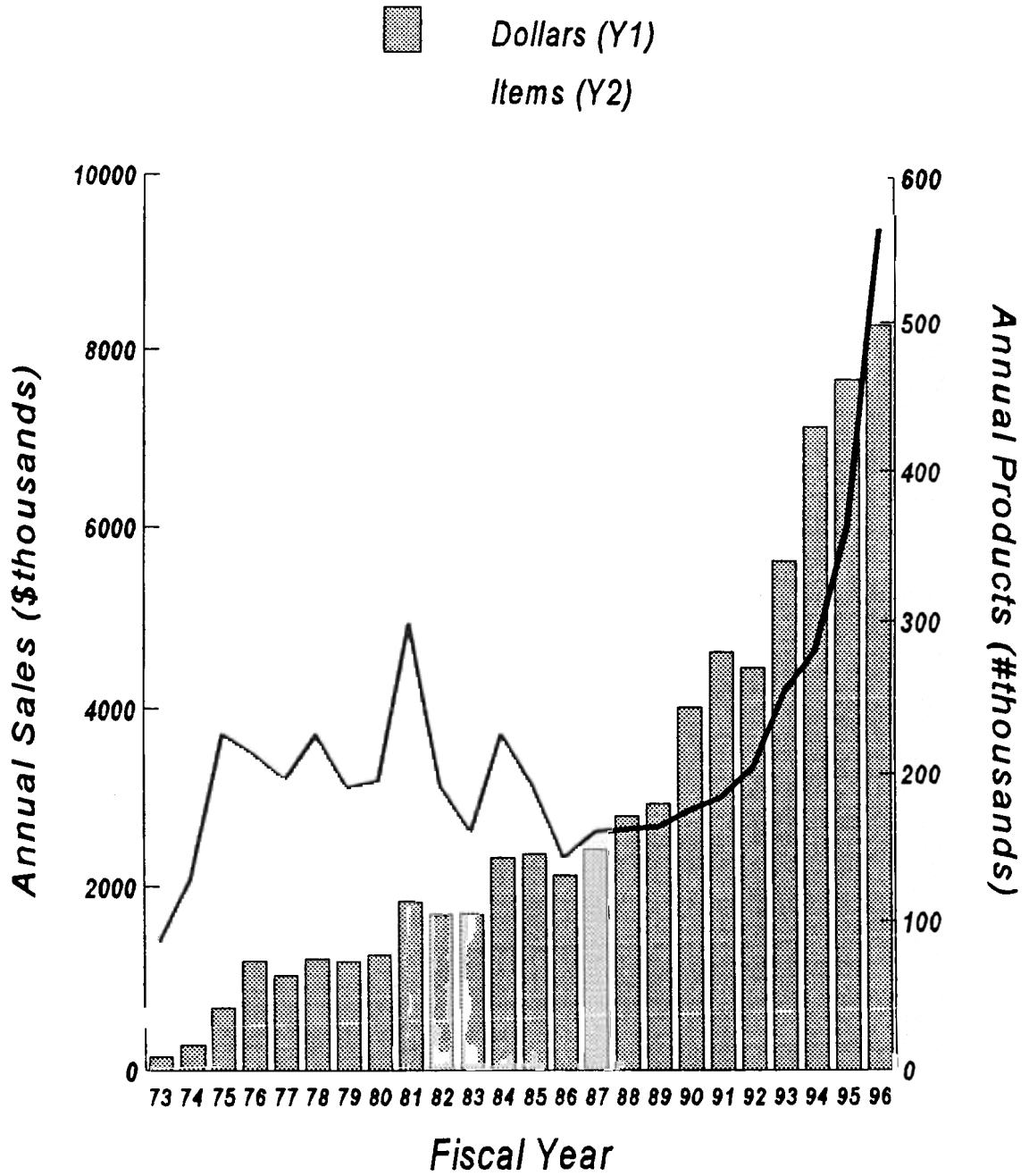
This section includes information on data produced and distributed by the EDC from fiscal years 1973 through 1996.

EDC Distribution of Remotely Sensed and Digital Cartographic USGS Products



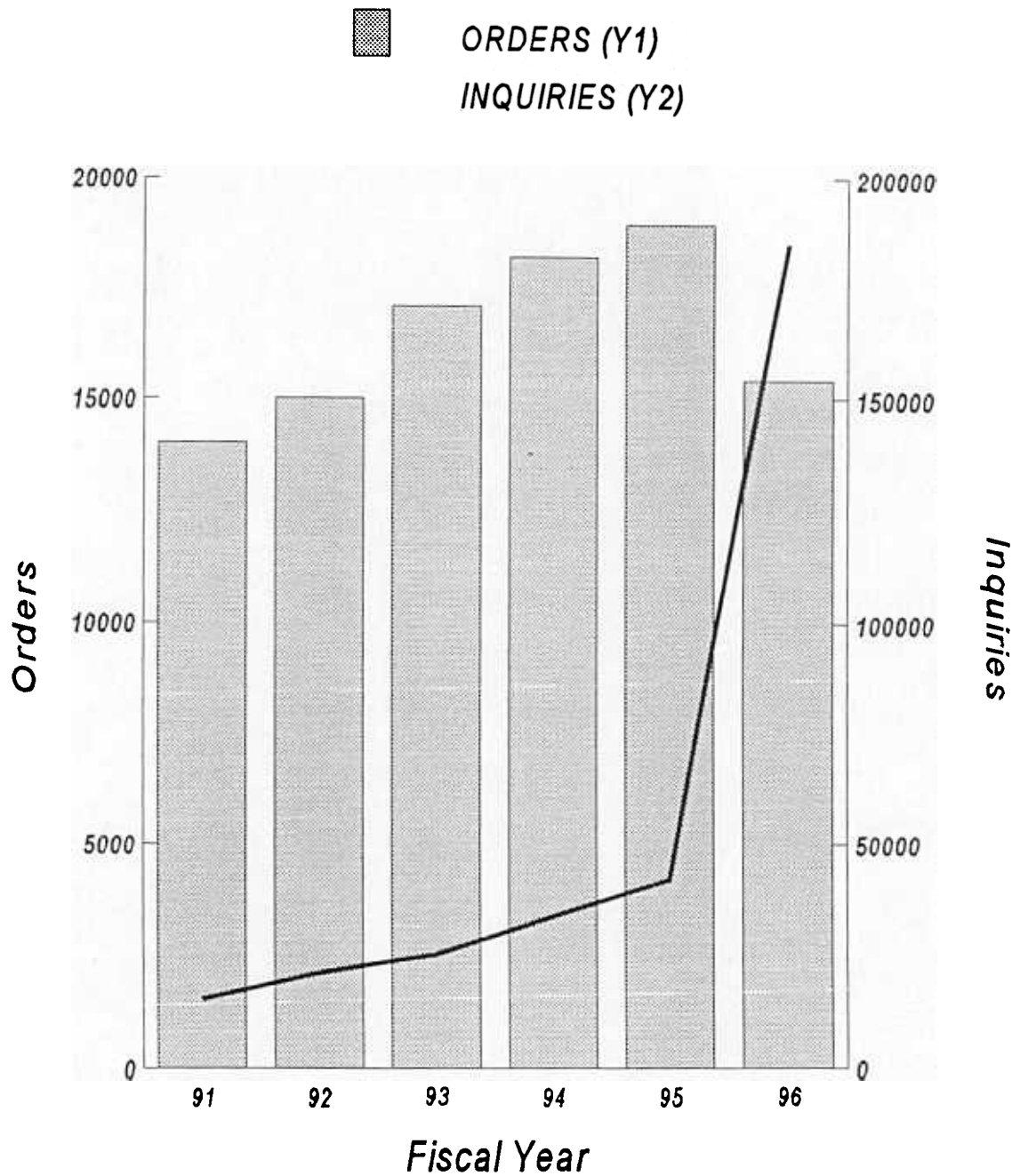
EDC Sales *

Fiscal Years 1973 - 1996



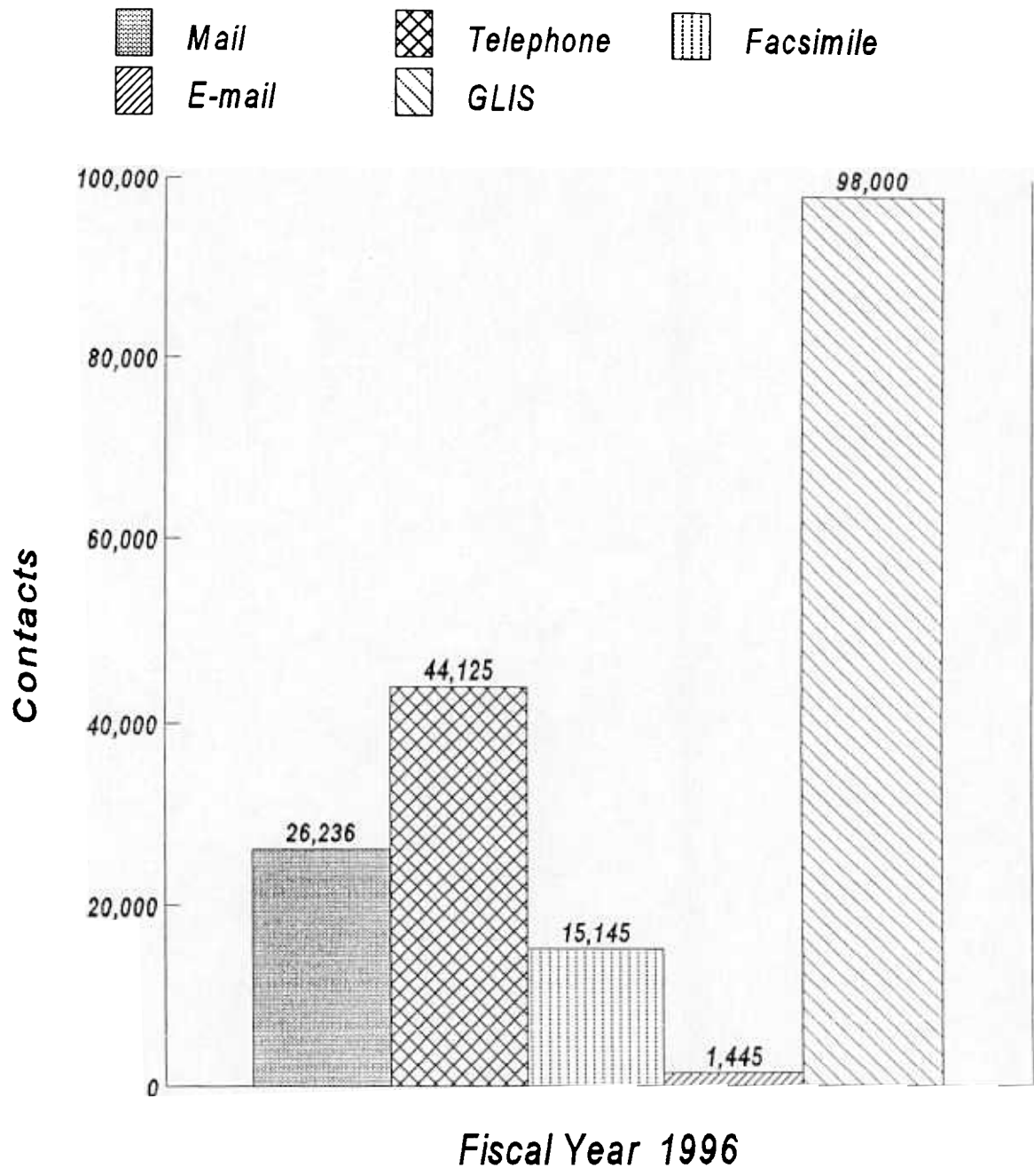
* Includes direct customer sales, EDC repay projects and sales to internal USGS customers.

EDC Customer Orders and Inquiries for Remotely Sensed and Digital Cartographic Products



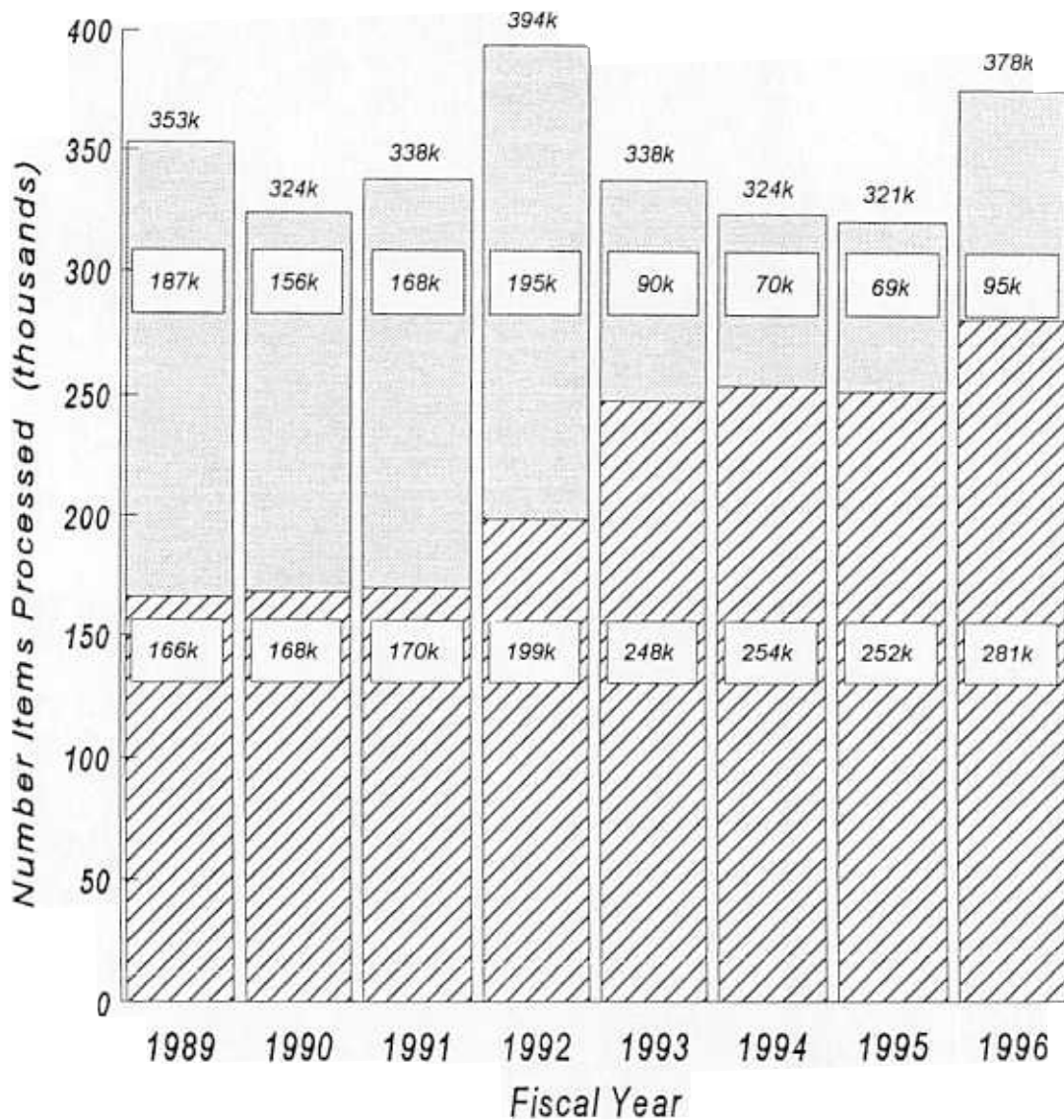
* Inquiries include mail, telephone, facsimile, e-mail and GLIS. Large increase in FY96 due primarily to electronic (GLIS) inquiries via the internet.

EDC Customer Contacts for Remotely Sensed and Digital Cartographic Products

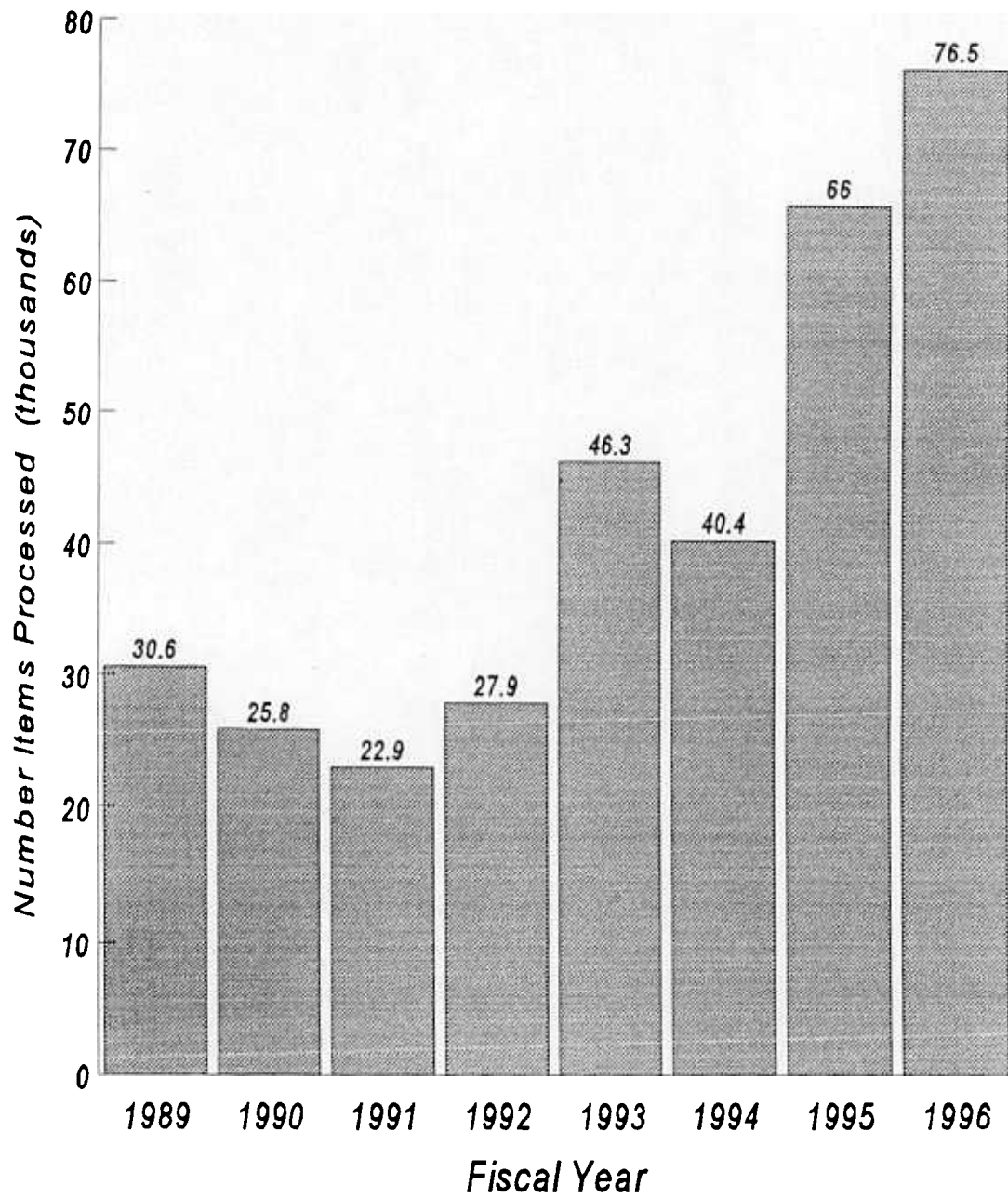


EDC Photographic Laboratory Workload

- Archive "Working Master" Production
- Sales Products

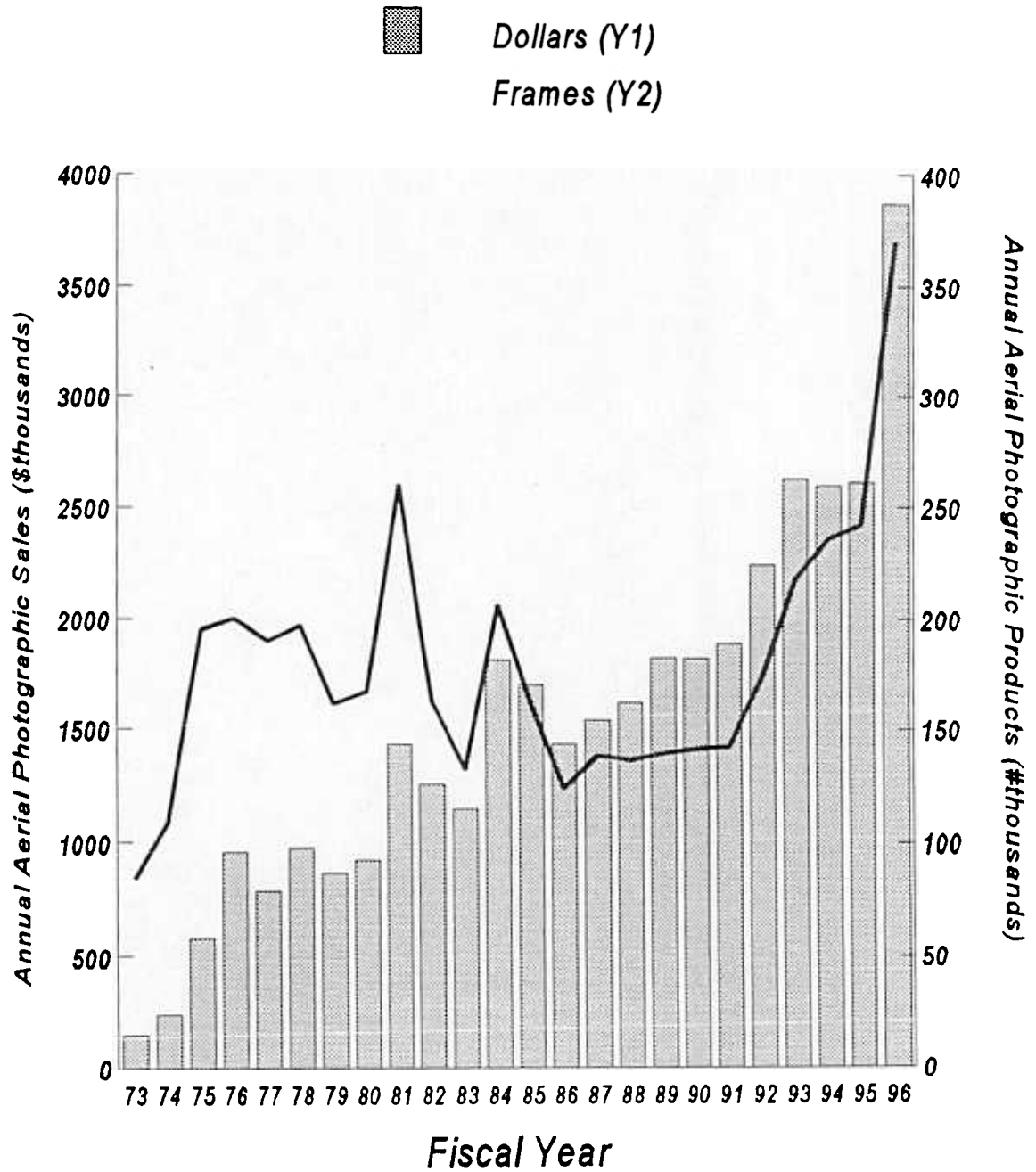


EDC Film Diapositive Workload



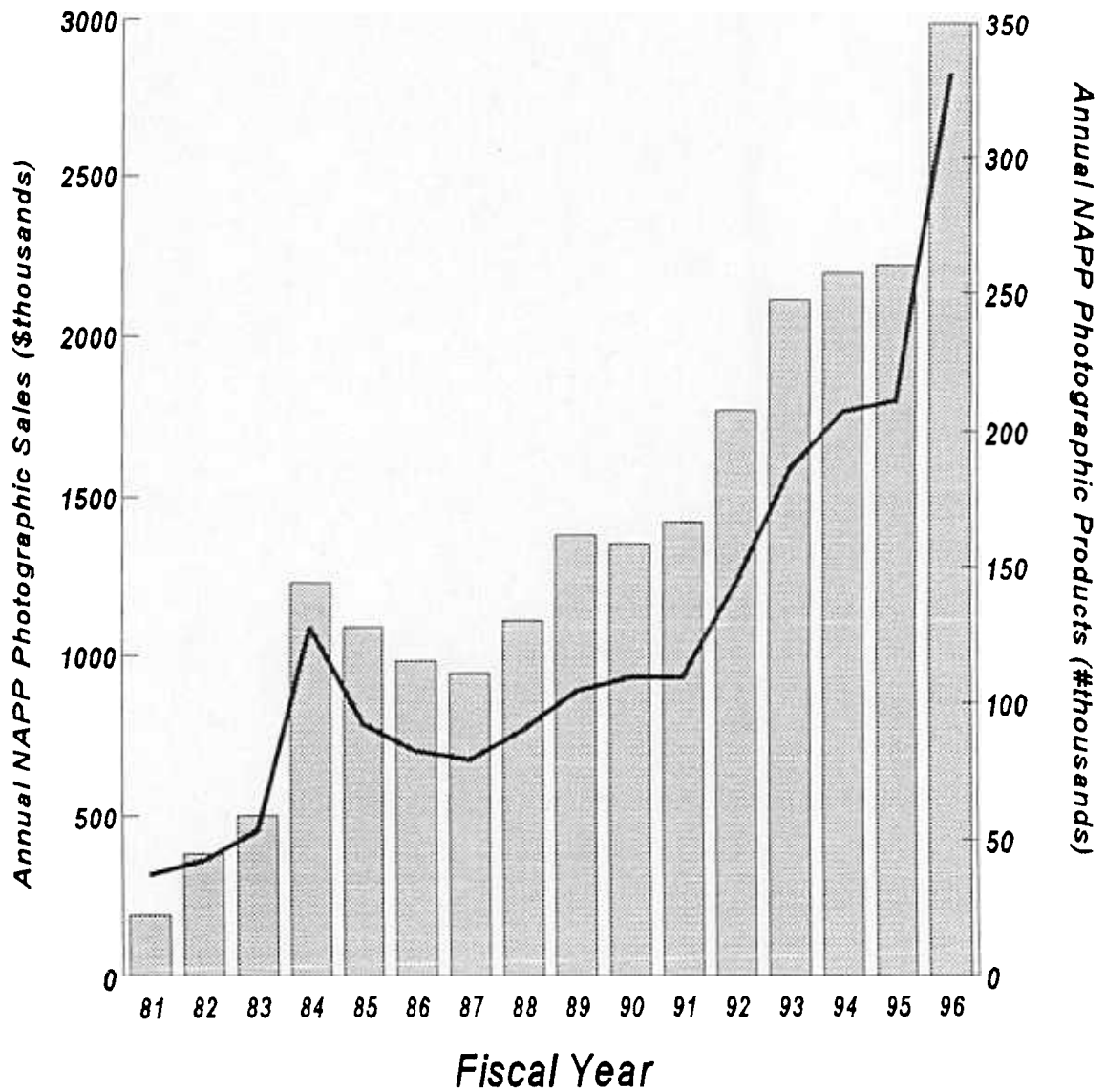
* Primarily for USGS Mapping Centers, for use in map production.

Aerial Photographic Data Sales Fiscal Years 1973 - 1996

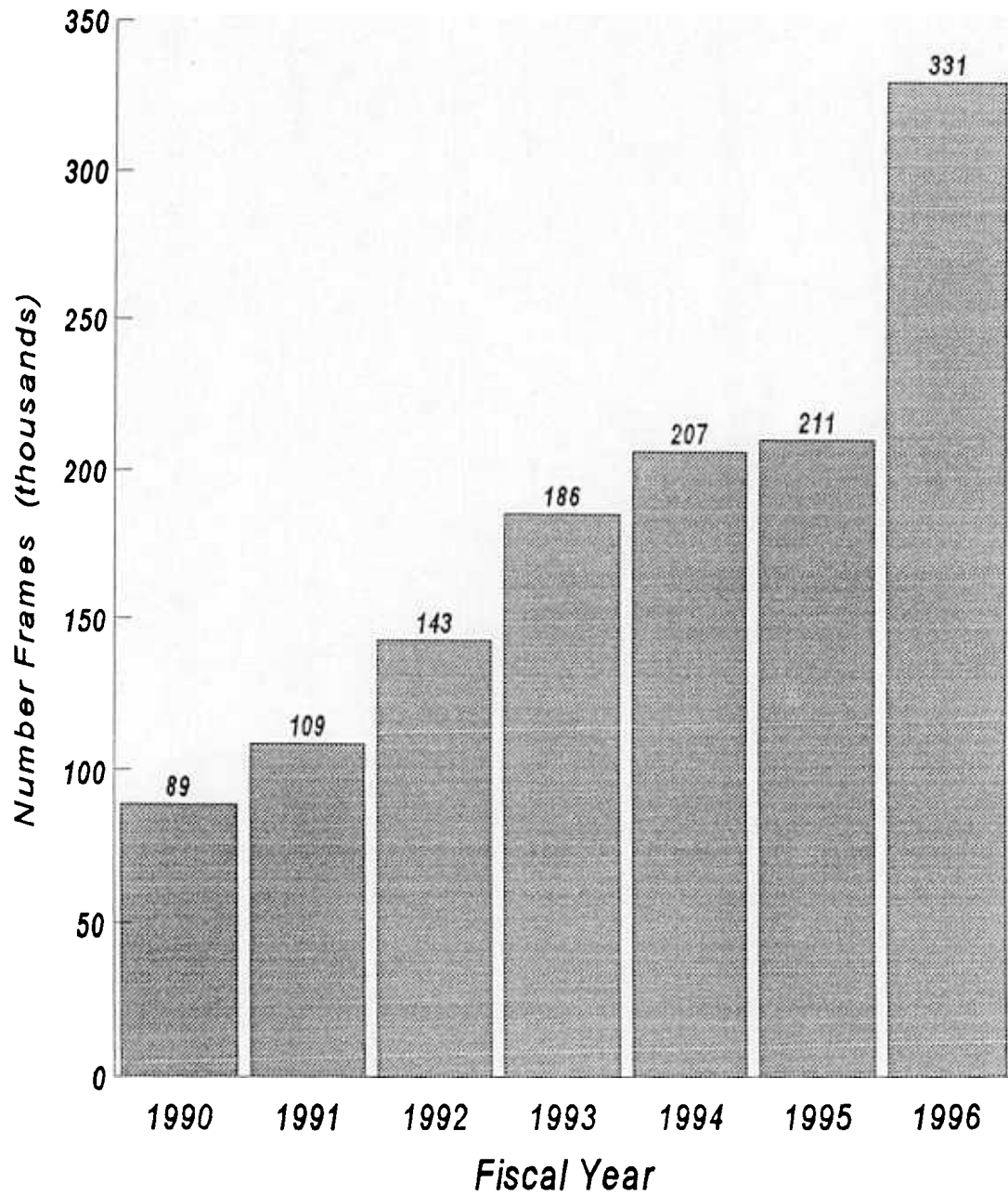


NAPP Data Sales Fiscal Years 1981 - 1996

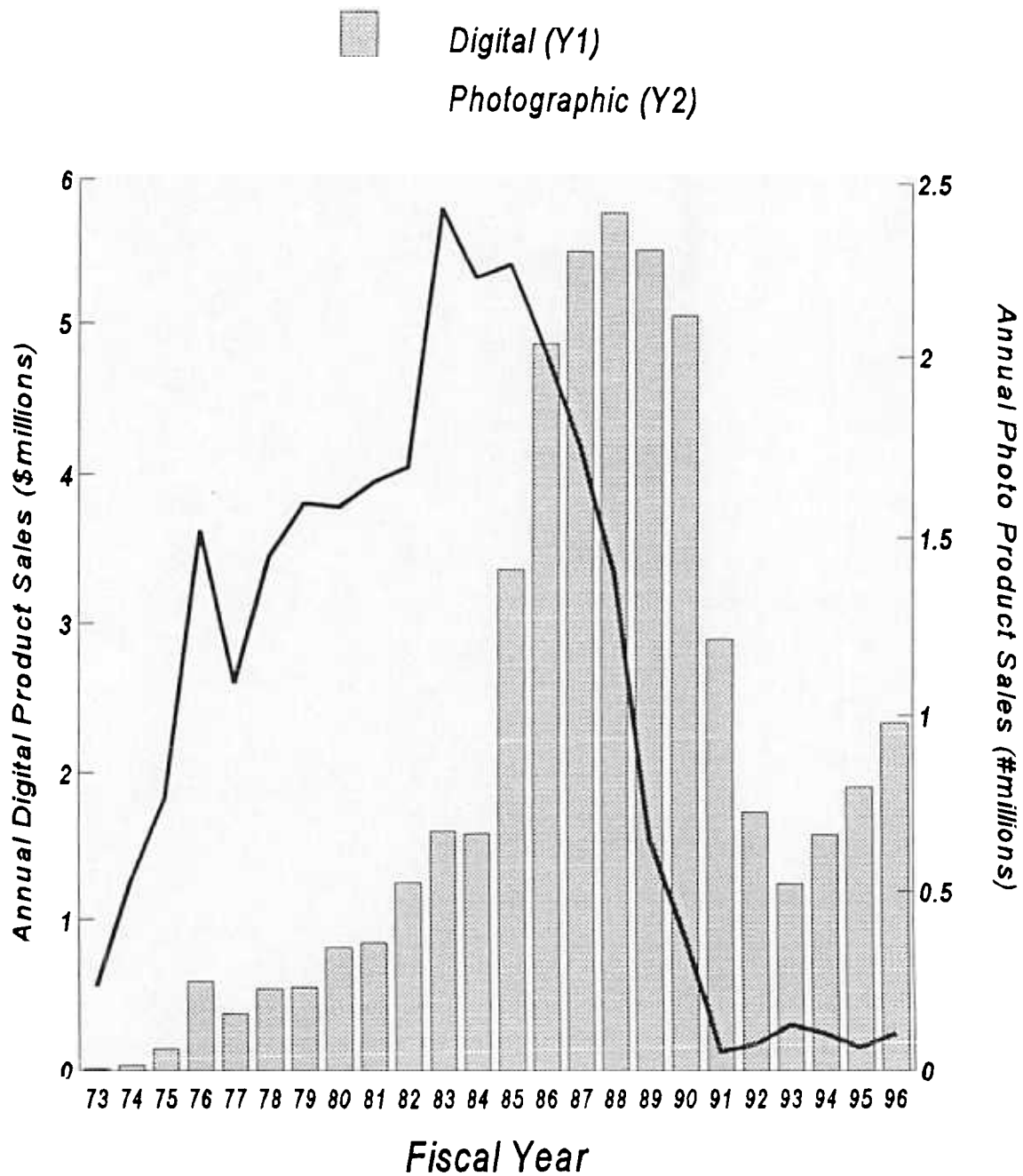
■ Dollars (Y1)
— Frames (Y2)



NAPP Distribution Fiscal Years 1990 - 1996

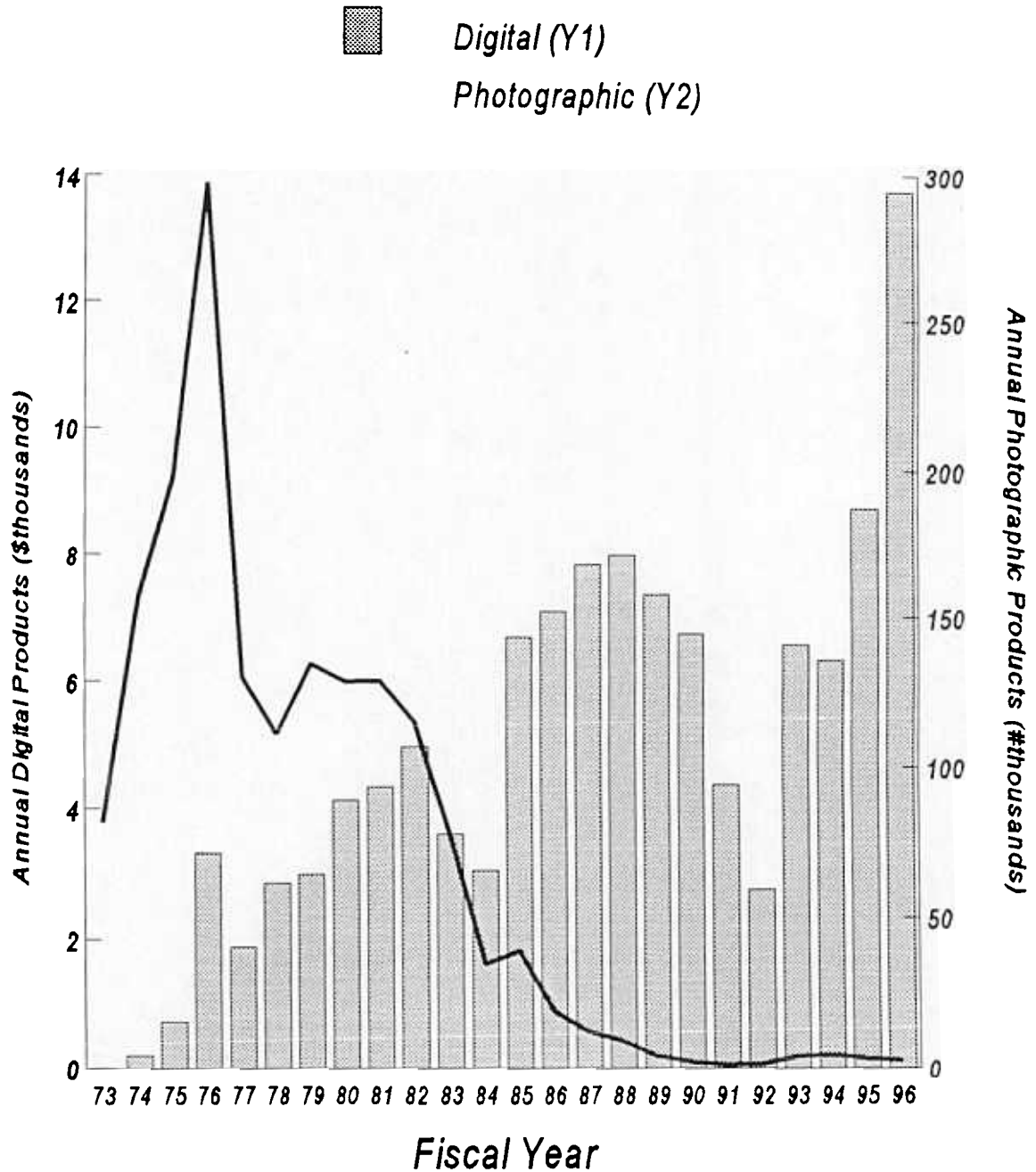


Landsat Sales (\$) * Fiscal Years 1973 - 1996



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

Landsat Sales (# of Items) * Fiscal Years 1973 - 1996



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

Historical Customer Profile Aerial Image Data Sales

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1996	FEDERAL GOVERNMENT				
	USGS	234,398	63%	\$ 1,745,752	45%
	OTHER FEDERAL	28,249	8%	379,748	10%
	STATE/LOCAL GOVERNMENT	10,148	3%	155,398	4%
	ACADEMIA	13,168	3%	134,796	3%
	INDUSTRY	66,984	18%	1,144,212	30%
	INDIVIDUAL	13,771	4%	277,014	7%
	NON-U.S.	<u>3,013</u>	<u>1%</u>	<u>31,831</u>	<u>1%</u>
TOTAL		369,731	100%	\$ 3,868,751	100%
1995	FEDERAL GOVERNMENT				
	USGS	141,484	58%	\$ 919,185	35%
	OTHER FEDERAL	21,161	9%	327,988	12%
	STATE/LOCAL GOVERNMENT	11,010	4%	182,891	7%
	ACADEMIA	14,497	6%	149,575	6%
	INDUSTRY	41,965	17%	805,350	30%
	INDIVIDUAL	13,466	6%	255,520	10%
	NON-U.S.	<u>393</u>	<u>0%</u>	<u>6,220</u>	<u>0%</u>
TOTAL		243,976	100%	\$2,646,729	100%
1994	FEDERAL GOVERNMENT				
	USGS	110,849	47%	\$ 637,614	25%
	OTHER FEDERAL	24,376	10%	420,913	16%
	STATE/LOCAL GOVERNMENT	29,208	13%	344,006	13%
	ACADEMIA	9,823	4%	113,959	4%
	INDUSTRY	47,913	20%	818,873	32%
	INDIVIDUAL	13,264	6%	255,935	10%
	NON-U.S.	<u>174</u>	<u>0%</u>	<u>2,457</u>	<u>0%</u>
TOTAL		235,607	100%	\$2,593,757	100%
1993	FEDERAL GOVERNMENT				
	USGS	117,384	54%	\$ 760,048	29%
	OTHER FEDERAL	26,225	12%	469,276	18%
	STATE/LOCAL GOVERNMENT	13,310	6%	171,412	7%
	ACADEMIA	9,132	4%	112,388	4%
	INDUSTRY	39,046	18%	865,603	33%
	INDIVIDUAL	12,425	6%	244,136	9%
	NON-U.S.	<u>295</u>	<u>0%</u>	<u>2,710</u>	<u>0%</u>
TOTAL		217,817	100%	\$2,625,573	100%

Historical Customer Profile Landsat Digital Data

FISCAL YEAR	CATEGORY	ITEMS	% OF TOTAL	DOLLARS	% OF TOTAL
1996	FEDERAL GOVERNMENT				
	USGS	10,061	74%	\$ 1,167,388	49%
	OTHER FEDERAL	706	5%	270,344	12%
	STATE/LOCAL GOVERNMENT	55	0%	19,440	1%
	ACADEMIA	442	3%	140,880	6%
	INDUSTRY	1,116	8%	326,728	14%
	INDIVIDUAL	232	2%	79,094	3%
	NON-U.S.	<u>1,133</u>	<u>8%</u>	<u>347,965</u>	<u>15%</u>
TOTAL		13,745	100%	\$ 2,351,839	100%
1995	FEDERAL GOVERNMENT				
	USGS	5,075	58%	\$ 1,100,573	57%
	OTHER FEDERAL	243	3%	56,635	3%
	STATE/LOCAL GOVERNMENT	34	0%	7,200	0%
	ACADEMIA	485	5%	100,715	5%
	INDUSTRY	1,281	15%	279,540	15%
	INDIVIDUAL	175	2%	40,570	2%
	NON-U.S.	<u>1,466</u>	<u>17%</u>	<u>330,534</u>	<u>18%</u>
TOTAL		8,759	100%	\$ 1,915,767	100%
1994	FEDERAL GOVERNMENT				
	USGS	3,609	57%	\$ 997,190	63%
	OTHER FEDERAL	145	2%	22,400	1%
	STATE/LOCAL GOVERNMENT	26	0%	4,550	0%
	ACADEMIA	417	7%	53,628	5%
	INDUSTRY	1,302	21%	333,040	21%
	INDIVIDUAL	70	1%	12,860	1%
	NON-U.S.	<u>779</u>	<u>12%</u>	<u>144,820</u>	<u>9%</u>
TOTAL		6,348	100%	\$ 1,588,810	100%
1993	FEDERAL GOVERNMENT				
	USGS	3,892	59%	\$ 718,513	58%
	OTHER FEDERAL	237	4%	28,730	2%
	STATE/LOCAL GOVERNMENT	10	0%	1,700	0%
	ACADEMIA	315	5%	53,628	4%
	INDUSTRY	1,639	25%	359,150	29%
	INDIVIDUAL	90	1%	16,030	1%
	NON-U.S.	<u>408</u>	<u>6%</u>	<u>75,250</u>	<u>6%</u>
TOTAL		6,591	100%	\$ 1,253,000	100%

Historical Customer Profile Landsat Photographic Data

FISCAL YEAR	CATEGORY	FRAMES	% OF TOTAL	DOLLARS	% OF TOTAL
1996	FEDERAL GOVERNMENT				
	USGS	852	32%	\$ 70,582	69%
	OTHER FEDERAL	43	2%	1,088	1%
	STATE/LOCAL GOVERNMENT	1	0%	18	0%
	ACADEMIA	88	3%	2,671	3%
	INDUSTRY	637	24%	11,274	11%
	INDIVIDUAL	353	13%	6,077	6%
	NON-U.S.	<u>707</u>	<u>26%</u>	<u>10,734</u>	<u>10%</u>
TOTAL		2,681	100%	\$ 102,444	100%
1995	FEDERAL GOVERNMENT				
	USGS	389	12%	\$ 16,852	26%
	OTHER FEDERAL	22	1%	372	1%
	STATE/LOCAL GOVERNMENT	3	0%	42	0%
	ACADEMIA	77	2%	1,068	2%
	INDUSTRY	1,293	39%	21,160	33%
	INDIVIDUAL	492	15%	9,143	14%
	NON-U.S.	<u>1,023</u>	<u>31%</u>	<u>15,042</u>	<u>24%</u>
TOTAL		3,299	100%	\$ 63,679	100%
1994	FEDERAL GOVERNMENT				
	USGS	847	19%	\$ 42,188	42%
	OTHER FEDERAL	164	3%	2,258	2%
	STATE/LOCAL GOVERNMENT	2	0%	72	0%
	ACADEMIA	261	6%	3,702	4%
	INDUSTRY	1,699	38%	26,604	27%
	INDIVIDUAL	411	9%	6,969	7%
	NON-U.S.	<u>1,122</u>	<u>25%</u>	<u>18,546</u>	<u>18%</u>
TOTAL		4,506	100%	\$ 100,339	100%
1993	FEDERAL GOVERNMENT				
	USGS	1,193	31%	\$ 77,584	62%
	OTHER FEDERAL	81	2%	1,306	1%
	STATE/LOCAL GOVERNMENT	5	0%	172	0%
	ACADEMIA	260	7%	4,688	4%
	INDUSTRY	1,510	39%	26,796	21%
	INDIVIDUAL	368	9%	5,694	5%
	NON-U.S.	<u>485</u>	<u>12%</u>	<u>8,386</u>	<u>7%</u>
TOTAL		3,902	100%	\$ 124,626	100%

Section III

EDC Archives and Data Bases

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

As of the end of fiscal year 1996, the EDC had archived more than 11.7 million frames of photographic data and 156,000 tapes. This included more than 2.8 million frames of Landsat photographic data and 86,000 Landsat data tapes. The International Landsat Data Base maintained by the EDC refers to nearly 1 million Landsat scenes archived in the United States, and nearly 2.6 million scenes of Landsat data held by foreign ground stations.

Data Archive Report As Of October 23, 1996

PHOTOGRAPHIC DATA ARCHIVED AT EDC

AERIAL PHOTOGRAPHY		
SOURCE	ROLLS	FRAMES
US Geological Survey	17,351	2,587,425
NAPP	11,123	1,688,973
Bureau of Land Management	625	125,042
Bureau of Reclamation	302	60,397
National Park Service	85	14,551
Bureau of Indian Affairs	<u>49</u>	<u>9,913</u>
TOTAL DEPARTMENT OF THE INTERIOR	29,535	4,486,301
Army Map Service	1,711	216,622
US Air Force	3,367	333,897
US Navy	6,440	434,375
Corps of Engineers	<u>82</u>	<u>22,924</u>
TOTAL DEPARTMENT OF DEFENSE	11,600	1,007,818
Ames Research Center	4,838	614,495
Johnson Space Center	7,632	1,012,642
Other	<u>1,407</u>	<u>131,889</u>
TOTAL NASA	13,877	1,759,026
OTHER SOURCE AGENCIES	2,131	367,281
TOTAL AERIAL PHOTOGRAPHY	57,143	7,620,426

SATELLITE PHOTOGRAPHY		
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
Skylab	634	44,845
Apollo/Gemini/Apollo-Sojuz	127	18,372
Shuttle (Incl. LFC)	2,846	259,616
Declassified Intelligence Satellite Photography	17,391	946,070
TOTAL SATELLITE PHOTOGRAPHY	42,258	4,124,950

Data Archive Report As Of October 23, 1996

DIGITAL DATA ARCHIVED AT EDC

SOURCE	MAGNETIC TAPES	SCENES / FILES
AERIAL IMAGE DATA		
NASA Data		
TIMS / NS001	1,732	7,323
M2S 11-Channel Data	76	N/A
AOCI 10-Channel Data	44	N/A
National Park Service	94	N/A
Side-Looking Airborne Radar (SLAR)	<u>2,523</u>	<u>2,938</u>
TOTAL	4,469	10,261
SATELLITE IMAGE DATA		
Landsat MSS/TM digital Data	86,548	1,080,828
AVHRR		
EDC-HRPT Data	19,398	34,734
LAC Data Received via DOMSAT	22,521	50,040
LAC Data Received From Other Sources	13,160	47,005
SPOT Data	372	365
Department of Defense Multispectral Imagery Data	<u>7,247</u>	<u>3,178</u>
TOTAL	* 149,246	1,216,150
USGS GEO DATA (Digital Cartographic Data)		
	<u>QUADS</u>	<u>PRODUCTS</u>
7.5" DIGITAL ELEVATION MODEL (DEM)	35,636	38,895
15' DIGITAL ELEVATION MODEL (DEM)	542	542
30' DIGITAL ELEVATION MODEL (DEM)	N/A	1,285
250k DIGITAL ELEVATION MODEL (DEM)	N/A	1,384
24k & 15' DIGITAL LINE GRAPH (DLG)	24,458	102,660
100k DIGITAL LINE GRAPH (DLG)	1,842	21,388
1:2 M DIGITAL LINE GRAPH (DLG)	49	323
LAND USE LAND COVER (LULC)	<u>521</u>	<u>2,749</u>
TOTAL	63,048	169,226
EARTH SCIENCE DATA		
National Uranium Resource Evaluation (NURE/LIB)	957	7,941
Geophysical Research Program	<u>21</u>	<u>N/A</u>
TOTAL	978	7,941
TOTAL DIGITAL HOLDINGS	217,741	1,403,578

* N/A = Information not available.

Data Archive Report

As Of October 23, 1996

SUMMARY OF DATA ARCHIVED AT EDC

PHOTOGRAPHIC DATA	ROLLS	FRAMES
AERIAL IMAGES	57,143	7,620,426
LANDSAT SATELLITE IMAGES	21,260	2,856,047
OTHER SATELLITE IMAGES	<u>20,998</u>	<u>1,268,903</u>
TOTAL	99,401	11,745,376

DIGITAL DATA	MAGNETIC TAPES / QUADS	SCENES / FILES / PRODUCTS
AERIAL IMAGE DATA	4,469	10,261
LANDSAT SATELLITE IMAGE DATA	86,548	1,080,828
OTHER SATELLITE IMAGE DATA	62,698	135,322
DIGITAL CARTOGRAPHIC DATA	63,048	169,226
EARTH SCIENCE DATA	<u>978</u>	<u>7,941</u>
TOTAL	217,741	1,403,578

* Includes approximately 1,080,828 Landsat scenes and 131,779 AVHRR scenes.

Landsat International Data Base Summary As Of October 17, 1996

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	631,328 MSS 353,875 TM	DAILY	7/72 - 10/92 8/82 - 8/96
BRAZIL	32,617 MSS 108,689 TM	5/90 5/95	5/73 - 9/87 3/84 - 1/95
CANADA	466,225 MSS 188,616 TM	4/96 4/96	7/72 - 4/96 8/82 - 4/96
EARTHNET: ITALY	398,865 MSS 135,843 TM	4/95 4/95	4/75 - 12/93 4/84 - 3/95
SWEDEN	479,622 MSS 188,600 TM	4/95 4/95	4/75 - 12/93 4/84 - 3/95
MASPALOMAS (SPAIN)	23,918 MSS 3,058 TM	8/91 4/95	7/84 - 12/90 11/87 - 7/94
SOUTH AFRICA	58,502 MSS 35,899 TM	11/93 8/96	7/80 - 9/93 1/89 - 6/96
AUSTRALIA	210,671 MSS	9/91	9/79 - 8/91
ARGENTINA	10,790 MSS	5/87	9/80 - 8/84
JAPAN	152,498 MSS 85,262 TM	8/96 8/96	1/79 - 6/96 4/84 - 6/96
PAKISTAN	3,256 MSS 4,583 TM	6/90 6/90	5/89 - 12/89 5/89 - 12/89
TOTAL SCENES	2,468,292 MSS 1,104,425 TM 3,572,717		
LGSOWG TOTAL SCENES/NON-EDC	2,587,514		

To date, EDC has not received international data base tape updates from Indonesia, Thailand, People's Republic of China, Saudi Arabia, India, Equador and Taiwan.

Note: Foreign/USA number of MSS scenes no longer contain RBV data.