DOCUMENT RESUME

ED 290 022 CE 049 390

TITLE Federal Workforce. Data on Training Received by

Agency Executives, Managers, and Supervisors. Fact

Sheet for Congressional Requesters.

INSTITUTION General Accounting Office, Washington, DC. General

Government Div.

REPORT NO GAO/GGD-88-18FS

PUB DATE Nov 87 NOTE 25p.

AVAILABLE FROM U.S. General Accounting Office, P.O. Box 6015,

Gaithersburg, MD 20877 (First five copies--free; additional copies--\$2.00 each; 100 or more--25%

discount).

PUB TYPE Reports - Research/Technical (143)

EDRS PRICE MF01/PC01 Plus Postage.

DESCRIPTORS Administrators; *Federal Government; *Government

Employees; *Job Training; *Management Development;

Postsecondary Education; *Public Agencies;

Supervisors; *Supervisory Training

ABSTRACT

No law or regulation exists at the present time specifying minimum time periods of training for executives, managers, or supervisors employed by federal agencies, although such a regulation did exist until June 1981. For fiscal years 1984 through 1986 54 executive agencies or organizations that employ at least 95 percent of the nonpostal civilian work force reported at least 2 years of complete executive and manager/supervisor training data. Overall, the agencies reported that about 48 percent of all executives and about 57 percent of all managers and supervisors received training annually over the 2 or 3 years reported. The average number of hours trained was about 52 each year for executives and about 46 for managers and supervisors. About 49 percent of the executives employed by large agencies received training (an average of 53 hours) versus 43 percent at midsized agencies (an average of 48 hours) and 53 percent at small-sized agencies (an average of 39 hours). Training was provided to 58 percent of the managers/supervisors employed by large-sized agencies (an average of 46 hours), 46 percent of the managers/supervisors at midsized agencies (47 hours on average), and 46 percent at small agencies (an average of 43 hours). (Appendixes include data on short-term management training provided to administrative personnel employed in small, midsized, and large agencies and information about the objectives, scope, and methodology of the training provided.) (MN)





Fact Sheet for Congressional Requesters

November 1987

REDERAL WORKFORCE

Data on Training
Received by Agency
Executives, Managers,
and Supervisors



U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

- This document has been reproduced as received from the person or organization originating t
- □ Minor changes have been made to improve reproduction quality
- Points of view or inions stated in this document do not necessarily represent official OERI position or policy.



United States General Accounting Office Washington, D.C. 20548

General Government Division

B-229288

November 30, 1987

The Honorable William D. Ford Chairman, Committee on Post Office and Civil Service House of Representatives

The Honorable Patricia Schroeder Chairwoman, Subcommittee on Civil Service Committee on Post Office and Civil Service House of Representatives

As you requested, we summarized the latest available information from the Office of Personnel Management (OPM) on the amount of short-term training received by federal executives, managers, and supervisors for use by the Committee in its deliberations on the proposed Excellence in Government Management Act (H.R. 2882). The bill would require OPM, among other things, to establish regulations that require executives, managers, and supervisors to participate in a minimum number of hours of supervisory or management training each year or over a greater period as OPM may prescribe.

We are not aware of any law or regulation currently in effect which specifies minimum time periods of training for executives, managers, or supervisors. OPM's predecessor-the Civil Service Commission--had required, as a general rule, that each first-level supervisor have at least 80 hours of formal instruction within the first 2 years of appointment. The initial 40 hours of training was to occur before or within 6 months after the appointment. discontinued this requirement in June 1981 in the interest of delegating more a :hority to the agencies, according to OPM officials. Generally, OPM's approach is to leave the content and timing of training for executives, managers, and supervisors up to each individual agency. OPM has, however, prescribed some specific criteria for the training of Senior Executive Service (SE3) candidates and For example, SES candidates are required to incumbents. participate in an OPM-approved interagency training seminar or program.



B-229288

Annually, OPM requests agencies to provide data on federal employee training activities. According to OPM officials, this data base contains the only available governmentwide information on employee training. Specific data requested by OPM on short-term training for executives, managers, and supervisors consists of three agencywide items: (1) total number trained, (2) total training instances, and (3) total training hours. OPM defines a short-term training instance as that which is at least 8 hours, but less than 121 days.

For fiscal years 1984 through 1986, the latest 3 years for which short-term training data were available, 54 executive agencies or organizations (hereafter referred to as agencies) that employ at least 95 percent of the non-Postal civilian workforce reported at least 2 years of complete executive and manager/supervisor training data to OPM. Overall, the agencies reported that about 48 percent of all executives and about 57 percent of all managers and supervisors received training annually over the 2 or 3 years they reported. The average number of hours trained, overall, was about 52 each year for executives and about 46 for managers and supervisors. The table below summarizes this information by agency size.

	Percent trained	Average hours trained
Executives		
Large Mid-size Small	49% 43% 53%	53 48 39
Governmentwide	48%	52
Managers/supervisors		
Large Mid-size Small	58% 46% 46%	46 47 43
Governmentwide	57%	46

The first three appendixes of this fact sheet summarize the data OPM collected on executive, managerial, and supervisory short-term training in fiscal years 1984, 1985, and 1986 by agency civilian employment size--large (over 10,000), mid-size (between 1,500 and 10,000), and small



2

(under 1,500). The data for managers and supervisors is combined because this is the manner in which OPM collects the data from the agencies. The agencies are listed in descending order based on the average annual percentage of executives and managers/supervisors reported as receiving training over the period. The appendixes also show which agencies in each size grouping were above or below the governmentwide averages of the percentage of executives and managers/supervisors trained. The average number of hours of training each employee received are also shown.

We did not verify the information agencies reported to OPM. This data limitation is discussed further in appendix IV, which describes our objective, scope, and methodology. As requested, we did not ask OPM or the agencies to review and comment officially on this fact sheet.

As arranged with your offices, we are sending copies of this fact sheet to the Director of OPM and other interested parties. If we can be of further assistance on this issue, please call me on 275-6204.

Kasslyn S. Kleeman Rosslyn S. Kleeman

Senior Associate Director



$\underline{\mathsf{C}}\ \underline{\mathsf{O}}\ \underline{\mathtt{N}}\ \underline{\mathtt{T}}\ \underline{\mathtt{E}}\ \underline{\mathtt{N}}\ \underline{\mathtt{T}}\ \underline{\mathtt{S}}$

APPENDIX			
			Page
ī	LARGE AGENCY SHO TRAINING DATA	ORT-TERM MANAGEMENT	5
	training	Executive short-term in large agencies Manager/supervisor short-term	6
	training	in large agencies	7
II	MID-SIZE AGENCY TRAINING DATA	SHORT-TERM MANAGEMENT	8
	training	Executive short-term in mid-size agencies Manager/supervisor short-term	9
	training	in mid-size agencies	10
III	SMALL AGENCY SHO TRAINING DATA	ORT-TERM MANAGEMENT	11
	training Table III.2	Executive short-term in small agencies Manager/supervisor short-term in small agencies	12 13
IV		E, AND METHODOLOGY	14
		Summary of agencies subject	15
		APBREVIATIONS	
GAO OCHAMPUS	Office	al Accounting Office e of Civilian Health and Medical grams of the Uniformed Services	
OPM SES NASA	Office Senior	e of Personnel Management Executive Service hal Aeronautics and Space Administra	i.
-		national and space nuministic	1 C TO'I



APPENDIX I APPENDIX I

LARGE AGENCY SHORT-TERM MAN' GEMENT TRAINING DATA

Tables I.1 and I.2 summarize management training data reported to OPM for fiscal years 1984 to 1986 by 19 agencies with civilian employment over 10,000 in fiscal year 1986. Agencies must have reported at least 2 years of complete executive and manager/supervisor training data to OPM to be included in the tables.



	Number of reportedexecutivea			Number reported trained			Average percentage	Average hours trained			
Ager les , 84	85 85	86 86	PY 84	PY 85	PY 86	reported trained a (percent)	PY 84	PY 85	FY 86	Weighted average ^b	
Housing and Urban											
Development	112	112	112	105	85	60					
Army	471	479	351	336	357		74	44	44	49	45
Veterana	• • •	***	331	330	357	215	70	112	72	43	80
Administration Environmental	346	308	309	158	216	274	67	41	39	63	50
Protection Agency	220	238	229	220	97	138					
Commerce	549	430	546	392	222	375	66	29	39	43	35
Agriculture	363	385	391	253	191	375 178	65	46	45	38	43
NĀSĀ	406	407	432	166	189	306	55	62	69	64	65
Treasury	554	507	468	279	259		53	47	46	28	38
Hralth and Human	221	30,	100	2/9	239	243	51	62	45	77	61
Servicea	549	573	510	257	347	210	50	22	108	52	66
Governmentwide Average	•						48				
Transportation	366	433	399	185	219	147					
Air Force	207	212	193	102	95		46	36	48	44	43
General Services			177	102	70	78	45	74	73	70	72
Administration Defense Logistics	142	c	112	7	c	86	37	81	đ	38	42
Agency	24	24	24	4	10	10	20				
Interior	291	283	297	104	116	97	36	53	32	27	35
Labor	67	22	156	20	16	48	36	42	46	71	52
Justice	507	437	494	211	140	103	34	34	31	30	31
Energy	416	422	390	99	109		32	40	32	38	36
National Guard Bureau	206	· c	532	32	C	158	30	44	44	56	49
Navy	420	413	400	185	74	183 89	29 26	3 8 8 7	a 37	33 32	34 63

*Derived by dividing the sum of the number of reported executives trained over the 2- or 3-year period by the sum of the

number of reported executives over the same period.

Derived by dividing the aum of the number of training hours reported over the 2- or 3-year period (figures not shown) by the sum of the number of reported executives trained over the same period. CData not reported.
dCould not be determined from available data.

eBaaed on data from 54 agencies of all sizes.

9

Table 1.2: Manager/Supervisor Short-term Training in Large Agencies

			eported ervisors		umber re	ned	Average percentage	Av	erage <u>h</u>	ourm tr	
	FY	FY	FY	FY	FY	₽¥	reported	FY	FY	FY	We ight ea
Agenciea	84	85	86	<u>84</u>	85	86	traineda	84	85	86	aver age ^D
							(percent)				
Agriculture	20,408 20	0,628	21,453	19,108	15,845	16,510	82	47	56	45	49
Housing and Urban											
Development	1,976	1,742	1,645	1,732		1,154	82	34	40	31	35
Interior	11,056 10	0,167	11,073	8,957	8,622		80	49	43	48	47
NASA	2,887	3,123	3,623	2,068	2,154	2,637	71	38	41	54	45
Environmental											
Protection Agency	1,467	1,505	1,823	1,387	673	1,193	71	32	38	44	38
Army	48,390 4	6,540	41,909	30,039	33,435	31,033	69	42	41	50	44
Energy	3,000	2,661	2,699	1,818	1,900	1,976	66	39	41	38	3 9
Transportation	10,885 10	0,958	10,439	8,224	6,013	6,444	64	58	46	70	50
Defenae Logistica											
Agency	5,196	5,594	5,826	3,085	3,477	3,848	63	51	51	52	51
General Servicea	·	•	-		-						
Admin ¹ atration	7,189	c	5,375	3,743	c	4,035	62	86	đ	38	61
Commerce	4,883	4.578	4,647	3,543	2,235	2,854	61	38	62	63	53
Health and Human	•	•	•	•	-	•					
Servicea	16,094 10	6,687	15,905	7,481	11,125	10,801	60	89	64	36	60
Governmentwide Avera	ge [®]						57				
Veterana											
Administration	20,515 2	4,973	24,000	6,901	10,600	21,000	56	19	<i>)</i> 6	19	18
Juatice			8,816	5,936			52	33	120	63	65
Air Force	35,547 3	1,595	32,325	18,098	14,268	15,865	48	60	58	51	57
Labor	3,235	3,928	3,317	1,549	1,631	1,566	45	92	96	53	81
Treasury	14,810 1	3,825	16,217	7,777	8,232		45	21	25	53	33
Navy	34,702 4	3,379	45,747	7,808	18,688	18,850	3 7	100	37	24	42
National Guard											
Bureau	5,435	С	9,894	2,032	С	3,032	33	24	٠,٠	45	37

*Derived by dividing the aum of the number of reported managera/supervisors trained over the 2- or 3-year period by the sum of

the number of reported managera/aupervisors over the same period.

*Derived by dividing the sum of the number of training hours reported over the 2- or 3-year period (figures not shown) by the aum of the number of reported managera/aupervisors trained over the same period.

Could not be determined from available data.

enamed on data from 54 agencies of all sizes.

APPENDIX II APPENDIX II

MID-SIZE AGENCY SHORT-TERM TRAINING DATA

Tables II.1 and II.2 summarize management training data reported to OPM for fiscal years 1984 to 1986 by 16 agencies with civilian employment between 1,500 and 10,000 in fiscal year 1986. Agencies must have reported at least 2 years of complete executive and manager/supervisor training data to OPM to be included in the tables.



Table II.1: Executive Short-term Training in Mid-Size Agencies

	Number of reported executives		Num	ber rep traine		Average percentage	Average hours trained				
	FY	FY	FY	FY	FY	FY	reported	FY	FY	FY	Weighted
Agencies	84	<u>85</u>	86	84	85	86	traineda (percent)	84	<u>85</u>	<u>86</u>	average ^b
Defense Investigative				_	_	_		£			
Service	3	3	3	3	3	3	100	•	248	112	120
Small Rusiness Administration	e	37	49	c	19	49	79	đ	71	11	28
Railroad Retirement Board	9	9	14	7	-	11	78	21	38	58	42
Defense Mappiny Agency	6	20	21	4	17	15	77	81	1 20	87	102
Pederal Energy Regulatory Commission	44	40	69	20	35	55	12	35	19	26	25
Defense Contract Audit Agency	¢	13	13	С	7	10	65	đ	53	58	56
National Labor Relations Board	62	59	68	23	54	24	53	47	43	47	45
Department of Education	102	83	6.5	29	77	17	50	30	36	34	32
Governmentwide Average ^e							48				
Nuclear Requiatory Commission	208	207	198	79	113	98	47	53	44	88	6 1
Defense Communications				• •		•					
Agency	43	30	38	17	19	12	45	46	36	44	41
Securities and Exchange Commission	46	44	46	30	8	17	40	đ	43	28	15
Office of Peraonnel											26
Management	55	46	47	16	23	14	37	27 d	54	18	36
U.S. Information Agency Agency for International	c	212	227	С	60	103	37	_	89	50	64
Development	90	96	60	19	11	13	17	20	39	121	52
Smithsonian Inatitution Federal Communications	59	64	60	9	15	7	17	34	43	64	45
Commission	С	57	57	c	12	4	14	a	48	97	61

aperived by dividing the sum of the number of reported executives trained over the 2- or 3-year period by the sum of the number of reported executives over the same period.

bperived by dividing the aum of the number of training hours reported over the 2- or 3-year (figures not shown) by the sum of the number of reported executives trained over the same period.

CData not reported.

dCould not be determined from available data.

Based on data from 54 agencies of all sizes.

fpata withdrawn by agency.



Table II.2: Manager/Supervisor Short-term Training in Mid-Size Agencies

	Number of reported managers/supervisors		Num	ber rep traine		Average percentage		Average hours trained			
	FY	PY	PY	PY	FY	FY	reported	FY	FY	PY	Weighted
Age <u>nciea</u>	84	85	86	84	85	86	traineda	84	85	86	average ^b
ngene tea				_	_		(percent)				
Defense Contract	_			_				a			
Audit Agency	С	860	831	c	734	674	80		60	53	57
Defense Mapping Agency	1,127	1,347	1,162	804	936	918	73	46	62	68	60
rederal Energy							_				
Regulatory Commission	266	217	263	42	212	244	67	27	28	39	33
Muclear Rt latory ,											
Commission	452	497	511	209	349	367	63	88	17	64	52
Defense Communications											
Agency	460	796	1,059	338	451	529	5־	32	44	37	38
Governmentwide Average®							57				
Railroad Retirement											
Board	295	250	273	164	131	124	51	48	38	39	42
Small Business											
Administration	C	659	1,575	С	333	649	44	đ	36	19	25
Defense Investigative											
Service	401	641	498	295	258	104	43	83	61	60	69
Securities and Exchange											
Commission	416	4 2 5	467	220	163	172	42	đ	12	30	13
Office of Personnel											
Management	731	835	764	327	440	214	42	55	41	39	45
National Labor											
Relations Soard	572	497	599	169	282	148	36	38	40	36	38
Smithsonian Institution	755	810	851	201	239	386	34	35	37	28	32
Department of Education	903	90~	56 5	206	377	201	33	24	39	39	35
Federal Communications											
Commission	С	243	303	C	117	52	31	đ	33	37	34
U.S. Information											
Agency	С	1,288	2,836	C	456	790	30	đ	91	54	67
Agency for Internationa											
Development	887	821	591	109	119	206	19	25	28	65	44

*Derived by dividing the sum of the number of reported managers/supervisors trained over the 2- or 3-year period by the sum of the number of reported managers/supervisors over the same period.

bDerived by dividing the sum of the number of training hours reported over the 2- or 3-year period (figures not shown) by the sum of number of reported managers/supervisors trained over the same period.

Could not be determined from available data.

eBased on data from 54 agencies of all sizes.

APPENDIX III APPENDIX III

SMALL AGENCY SHORT-TERM MANAGEMENT TRAINING DATA

Tables III.1 and III.2 summarize management training data reported to OPM for fiscal years 1984 to 1986 by 19 agencies with civilian employment under 1,500 in fiscal year 1986. Agencies must have reported at least 2 years of complete executive and manager/supervisor training data to OPM to be included in the tables.



Table I.I.1: Executive Short-term Training in Small Agencies

	Numb	er of re executi		ted Number reported trained		Average percentage	Average hours trained				
	FY	FY	FY	FY	PY	PY	reported	PY	Average PY		
Agency	84	85	86	84	85	86	trained ^a (percent)	84	<u>85</u>	86	Weighted <u>average</u> b
International Trade							(percent)				
Commission	7	7	7	5	7	7	90	123	32	21	52
Federal Labor Relations									,,	21	32
Authority '	36	32	19	33	28	10	82	33	17	19	25
Pension Benefit									• • •	.,	2.5
Guaranty Corporation	13	12	11	10	9	8	75	31	35	37	34
Merit Systems										٠,	,,
Protection Board	19	17	17	14	10	15	74	70	52	125	86
Federal Mediation and							• •		,,,	123	00
Conciliation Service	7	7	6	6	4	4	70	32	32	37	34
Commodity Putures					-	-	,,	,,	32	37	34
Trading Commission	30	24	51	25	11	14	59	28	43	39	34
National Science	_		• •		• • •	• •	33	20	4.3	39	34
Foundation	C	108	95	С	59	57	57	d			4.5
Parm Credit					,,,	31	37	•	33	57	45
Administration	C	16	16	С	9	9	56	d	20		
Action	11	10	11	6	à	7	50 53	71	30	31	31
Pederal Home Loan			••	•	•	,	23	/ 1	36	29	46
Bank Board	16	13	14	7	11	4					
Export-Import Bank	. 4	. 4	'č	2	2	ċ	51	20	27	18 d	23
pubate tabout pann	•	•		2	2	•	50	16	18	u	17
Governmentwide Average ^e							48				
Consumer Product											
Safety Commission	C	11	29	С	4	15	48	đ			
Federal Trade Commission	29	22	23	8	14	13	40 39	20	34 26	31	31
University of the				•		,	39	20	26	11	21
Health Sciences (DOD)	11	11	18	3	3	5	28	41			
Interstate Commerce	• • •	• •		,	,	,	20	41	35	24	32
Commission	36	32	26	15	5	5	27				
National Credit Union	,,	,,	20	13	,	,	21	47	22	3 4	39
Administration	15	c	15		С	_					
National Gallery of Art	'n	7	C	2 1		3 C	17	48	d	19	30
National Endowment for	•	•	•	r	0	•	13	7	0	a	7
the Arts	С	5		c	_	_	_	d			
National Endowment for	-	,	6		0	1	9	ď	0	8	8
the Humanities	5	2		_	_	_					
the numanities	9	2	6	1	0	0	8	12	0	0	12

aDerived by dividing the sum of the number of reported executives trained over the 2- or 3-year period by the sum of the number of reported executives over the same period.

of the number of reported executives trained over the same period. Chata not reported.

dCould not be determined from available data.

eBased on data from 54 agencies of all sizes.

Table III.2: Manager/Supervisor Short-term Training in Small Agencies

Page		Number of reported managers/supervisors		Num	ber rep	or t ed	Average percentage	Average hours trained				
Parm Credit Administration C 38 45 65 84 85 86 erclined 64 85 86 everage 65 66 erclined 67 68 erclined 68 erclined					traine							
Parm Credit Administration C 38 45 C 26 42 8? d 71 45 55 Pedicial Labor Relationa Authrity Internitional Trade Commission 67 72 68 40 60 51 73 52 37 43 41 Internitional Trade Commission Rerit Systems Protection Board Roll 80 61 41 58 36 61 30 31 30 31 30 Rerit Systems Protection Board Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Protection Board Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Protection Board Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 41 58 36 61 30 31 30 31 30 30 Rerit Systems Roll 80 61 61 61 61 61 61 61 61 61 61 61 61 61		PY	PY	PY								
Administration C 38 45 C 26 42 87 71 43 35 Pedical Labor Relations Authority 46 50 42 32 33 37 74 42 75 45 54 Internitional Trade Commission 67 72 68 40 60 51 73 52 37 43 43 43 Protection Board 60 52 60 48 15 59 71 41 22 48 42 Protection Board 60 52 60 48 15 59 71 41 22 48 42 Protection Board 60 52 60 48 15 59 71 41 22 48 42 Protection Board 61 80 61 41 58 36 61 30 31 30 31 30 30 Protection Board 61 80 61 41 58 36 61 30 31 30 31 30 Protection Board 61 80 61 41 58 36 61 30 31 30 31 30 Protection Board 62 80 80 80 80 80 80 80 80 80 80 80 80 80	Agencies	84	<u>05</u>	<u>86</u>	84	<u>85</u>	<u>86</u>		84	<u>85</u>	86	average
Pedical Labor Relations Authrity Pedical Labor Relations Authrity Internitional Trade Commission		С	38	45	c	26	42	8?	đ	71	45	55
Authority 46 50 42 32 33 37 74 42 73 43 43			30									
Internitional Trade		46	50	42	32	33	37	74	42	75	45	54
Commission 67 72 68 40 60 51 73 52 37 43 43 44 45 47 45 47 47 48 47 48 48 48 48			-									
Merit Systems		67	72	68	40	60	51	73	52	37	43	4.5
Protection Board 60 52 60 48 15 59 71 30 31 30 31 30 30 National Gallery of Art 81 80 61 41 58 36 61 30 31 30 31 30 30 National Gallery of Art 81 80 61 41 58 36 61 30 31 30 31 30 30 National Gallery of Art 81 80 61 41 58 36 61 30 31 30 31 30 30 National Gradient Fig. 12 119 117 57 64 72 54 90 62 36 60 Eport-Import Bank 77 69 c 30 46 c 52 47 42 d 44 National Science (DOD) 47 48 36 19 13 29 47 95 53 46 63 National Gradient Fig. 11 129 124 57 56 52 45 33 34 11 26 National Gradient Fig. 11 129 124 57 56 52 45 33 34 11 26 National Gradient Fig. 12 12 12 12 12 12 12 12 12 12 12 12 12											_	_
National Gallery of Art 81 80 61 41 58 36 61 30 31 30 30	protection Board	60	52	60	40	15						
National Science C 298 237 C 190 102 55 d 44 28 42		81	80	61	41	58	36	61	30	31	30	30
Foundation								57				
Foundation	National Science											
Pension Benefit Guaranty Curporation 122 119 117 57 64 72 54 90 62 36 60 Export-Import Bank 77 69 C 30 46 C 52 47 42 d 44 University of the Health Sciencea (DOD) 47 48 36 19 13 29 47 95 53 46 63 Federal Trade Commission 111 129 124 57 56 52 45 33 34 11 26 Commission 101 119 110 46 61 36 43 51 37 29 40 Federal Mediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 C 94 7 C 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts C 73 61 C 20 25 34 d 21 12 16 Action Pederal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanitiea 58 58 78 20 15 17 27 32 29 34 32 Consumer Product		C	298	237	c	190	102	55	a	44	30	42
Guaranty Curporation 122 119 117 57 64 72 54 90 62 36 44 University of the Health Sciencea (DOD) 47 48 36 19 13 29 47 95 53 46 63 Federal Trade Commission 101 119 110 46 61 36 43 51 37 29 40 Federal Mediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 c 94 7 c 8 35 45 d 55 54 Interstate Commerce Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts c 73 61 c 20 25 34 d 21 12 16 Action Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 12 Consumer Product												
Export-Import Bank 77 69 C 30 46 C 52 C 47 42 C 48 16 C 10 C 52 C 47 C 52 C 53 C 53 46 C 63 C 52 C 63 C 6		122	119	117	57	64	72	54			36	
University of the Health Sciencea (DOD) 47 48 36 19 13 29 47 95 53 46 63 Pederal Trade Commission 111 129 124 57 56 52 45 33 34 11 26 Commodity Futures Trading Commission 101 119 110 46 61 36 43 51 37 29 40 Pederal Hedistion and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 C 94 7 C 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts C 73 61 C 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 29 40 28 Pederal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 58 78 20 15 17 27 32 29 34 32 Consumer Product				C	30	46	С	52	47	42	a	44
Health Sciencea (DOD) 47 48 36 19 13 29 47 95 53 46 63 Federal Trade Commission 111 129 124 57 56 52 45 33 34 11 26 Commosaion 101 119 110 46 61 36 43 51 37 29 40 Federal Hediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 c 94 7 c 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts c 73 61 c 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 29 40 28 Pederal Hederal Hediation and Conciliations 248 149 152 18 89 71 32 178 <												
Pederal Trade		47	48	36	19	13	29	47	95	53	46	63
Commission 111 129 124 57 56 52 45 33 34 11 26 Commodity Futures Trading Commission 101 119 110 46 61 36 43 51 37 29 40 Pederal Mediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 C 94 7 C 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts C 73 61 C 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 29 40 28 Pederal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Consumer Product												
Trading Commission 101 119 110 46 61 36 43 51 37 29 40 Federal Mediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 c 94 7 c 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment c 73 61 c 20 25 34 d 21 12 16 for the Arts c 73 61 c 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 29 40 28 Federal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Consumer Product		111	129	124	57	56	52	45	33	34	11	26
Trading Commission 101 119 110 46 61 36 43 51 37 29 40 Federal Mediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 c 94 7 c 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment c 73 61 c 20 25 34 d 21 12 16 for the Arts c 73 61 c 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 29 40 28 Federal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Consumer Product	Commodity Futures											
Federal Mediation and Conciliation Service 24 25 31 10 11 8 36 26 22 19 22 National Credit Union Administration 91 c 94 7 c 8 35 45 d 55 54 Interstate Commerce Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts c 73 61 c 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 29 40 28 Pederal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Cons		101	119	110	46	61	36	43	51	37	29	40
National Credit Union Administration 91 C 94 7 C 8 35 45 d 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts												
Administration 91 C 94 7 C 8 35 45 C 55 54 Interstate Commerce Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment for the Arts C 73 61 C 20 25 34 d 21 12 16 Action 130 130 108 46 45 27 32 21 23 40 28 Pederal Home Loan Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Consumer Product	Conciliation Service	24	25	31	10	11	8	36	26	22	19	22
Administration 91 C 94 7 C 8 35 35 45 35 36 1	National Credit Union					_				a		• •
Commission 150 137 115 76 19 46 35 44 17 30 36 National Endowment	Administration	91	C	94	7	c	- 8	35	45	•	>>	54
Commission 150 137 175 76 75 46 35 46 27 27 27 28 40 28 28 28 28 28 28 28 28 28 28 28 28 28	Interstate Commerce											36
for the Arts	Commission	150	137	115	76	19	46	35	44	17	30	36
for the Arts	National Endowment				_		_		a			16
Action 130 130 108 48 43 27 32 28 29 34 32 Consumer Product 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	for the Arts	С	73	61					_			
Bank Board 248 149 152 18 89 71 32 178 43 .6 58 National Endowment for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Consumer Product	Action	130	130	108	46	45	2 7	32	21	29	40	20
Bank Board 248 149 152 16 69 71 52 77 87 88 88 88 88 88 88 88 88 88 88 88	Pederal Home Loan									4.3		
for the Humanities 58 58 78 20 15 17 27 32 29 34 32 Consumer Product	Bank Board	248	149	152	18	89	71	32	178	4.3	.0	20
Consumer Product	National Endowment											22
	for the Humanitiea	50	50	78	20	15	17	27	32	29	34	32
Safaty Commission C 115 59 C 14 29 25 G /2 26 41	Consumer Product				_			22	a	7.7	26	41
	Safaty Commission	С	115	59	C	14	29	25	•	12	26	••

*Derived by dividing the aum of the number of reported managers/supervisors trained over the 2- or 3-year period by the sum of the number of reported managers/aupervisors over the same period.

bperived by dividing the aum of the number of training hours reported over the 2- or 3-year period (figures not shown) by the aum of the number of reported managers/="pervisors trained over the same period.

CData not reported.

dCould not be determined from available data.

eBased on data from 54 agencies of all sizes.

ᅜ

APPENDIX IV APPENDIX IV

OBJECTIVE, SCOPE, AND METHODOLCGY

Our objective was to summarize the latest available individual agency training data on executives, managers, and supervisors. To do this, we acquired from OPM statistical summaries of training data agencies reported to OPM for fiscal years 1984, 1985, and 1986—the latest years for which data were available. The data show for executives and for managers/supervisors the total number trained, the total training instances, and the total training hours. The agencies also reported their total number of executives and managers/supervisors.

The data reviewed covered 54 executive agencies for which OPM had on file complete executive and manager/supervisor training data for at least 2 of the 3 fiscal years. These agencies accounted for at least 95 percent of the non-Postal, federal civilian workforce in fiscal year 1986. To facilitate analysis and simplify data presentation, we sorted the agency data into three categories based on civilian employment size: (1) large agencies with civilian employment over 10,000, (2) mid-size agencies with employment between 1,500 and 10,000, and (3) small agencies with employment under 1,500. In each category, we calculated

- -- the average annual percentage of executives and managers/supervisors who were reported as having received training over the 2- or 3-year period; and
- -- the average number of hours of short-term training received by executives and managers/supervisors who were reported trained in each fiscal year, and their annual average number of hours of such training over the 2- or 3-year period.

Also, we calculated a governmentwide average annual training rate for executives and managers/supervisors who were reported trained over the period based on the data we analyzed for the 54 agencies.

We did not include 14 other agencies in our analysis because OPM did not have for these agencies at least 2 years of complete executive and manager/supervisor training data. Five were



APPENDIX IV APPENDIX IV

mid-size agencies 1 and nine were small agencies 2 . Table IV.1 summarizes the number of agencies we included in our analyses by agency size.

Table IV.1: Summary of Agencies Subject to GAO Analysis

Agency category	Number of agencies with data on file	Number of agencies subject to GAO analysis	Percent analyzed
Large	19	19	100%
Mid-size	21	16	76%
Small	28	19	68%

We did not verify the accuracy of the training data the agencies submitted to OPM, nor OPM's data summaries. However, we asked agency officials to examine certain data when it appeared incorrect or incomplete, such as when data for a particular fiscal year appeared high relative to another year or was inconsistently reported. We then adjusted our figures for the training data as directed by the agency officials. Such adjustments were made in the data for 11 departments and agencies: the Departments of the Army, Education, Housing and Urban Development, Transportation, and the Treasury, ACTION, the Agency for International Development, the Defense Investigative Service, the Federal Labor Relations Authority, the General Services Administration, and the Veterans Administration. OPM was not aware that some of the data was not properly reported because it does not routinely validate agency submissions.



The Equal Employment Opportunity Commission, the Federal Deposit Insurance Corporation, the Federal Emergency Management Agency, the National Archives and Records Administration, and the Office of Secretary of Defense.

The Arms Control and Disarmament Agency, the Defense Nuclear Agency, the Executive Office of the President, the Inter-American Foundation, OCHAMPUS, the Office of the Inspector General of the Department of Defense, the Overseas Private Investment Corporation, the Peace Corps, and the Selective Service System.

APPENDIX IV APPENDIX IV

Because of the discretion allowed in compiling the data to be reported, the agencies may not have reported the data on a consistent basis. According to an OPM official in the Office of Training and Development, the agencies have the discretion to define each management level as they see appropriate for this reporting purpose. OPM's instructions defined an "executive" as a Senior Executive Service position or the equivalent. "Manager" and "supervisor" positions were to be considered as defined by the individual agency or OPM's supervisory grade evaluation guide.

(966277)



Requests for copies of GAO reports should be sent to.

U.S. General Accounting Office Post Office Box 6015 Gaithersburg, Maryland 20877

Telephone 202-275-6241

The first five copies of each report are free. Additional copies are \$2.00 each.

There is a 25% discount on orders for $100\,\mathrm{or}$ more copies mailed to a single address.

Orders must be prepaid by cash or by check or money order made out to the Superintendent of Documents.

