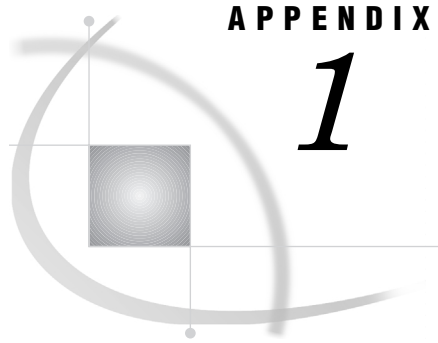




APPENDIX

1

Sample Data

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Introduction to Sample Files

This appendix provides information about the DBMS tables and SAS data sets that are used in the examples in this book. In addition, this appendix lists the SAS statements that create the SAS data sets and the data in those data sets. If you want to run the examples in this book, access your online HELP system, or contact your SAS Software Representative for information about how to access the sample library files. See also “Sample Data in This Book” on page 8 for more information.

DBMS Tables (Textile Data)

The following data was created for a fictitious international textile manufacturer. The code that creates these tables is contained in the GENDBL.SAS file that is included with your SAS software.

CUSTOMERS Table

The data in the CUSTOMERS table is shown in Table A1.1 on page 218.

Table A1.1 CUSTOMERS Table

CUSTOMER	STATE	ZIP CODE	COUNTRY	PHONE	NAME
14324742	CA	95123	USA	408629-0589	SANTA CLARA VALLEY TECHNOLOGY SPECIALISTS
14569877	NC	27514	USA	919/ 489-6792	PRECISION PRODUCTS
14898029	MD	20850	USA	301/ 760-2541	UNIVERSITY BIOMEDICAL MATERIALS
15432147	MI	49001	USA	616/ 582-3906	GREAT LAKES LABORATORY EQUIPMENT MANUFACTURERS
18543489	TX	78701	USA	512/ 478-0788	LONE STAR STATE RESEARCH SUPPLIERS
19783482	VA	22090	USA	703/ 714-2900	TWENTY-FIRST CENTURY MATERIALS
19876078	CA	93274	USA	209/ 686-3953	SAN JOAQUIN SCIENTIFIC AND INDUSTRIAL SUPPLY, INC.
26422096		75014	France	4268-54-72	SOCIETE DE RECHERCHES POUR LA CHIRURGIE ORTHOPEDIQUE
26984578		5110	Austria	43-57-04	INSTITUT FUER TEXTIL-FORSCHUNG
27654351		5010	Belgium	02/215-37-32	INSTITUT DE RECHERCHE SCIENTIFIQUE MEDICALE
28710427		3607	Netherlands	(021)570517	ANTONIE VAN LEEUWENHOEK VERENIGING VOOR MICROBIOLOGIE
29834248		—	Britain	(0552)715311	BRITISH MEDICAL RESEARCH AND SURGICAL SUPPLY
31548901		—	Canada	406/ 422-3413	NATIONAL COUNCIL FOR MATERIALS RESEARCH
38763919		1405	Argentina	244-6324	INSTITUTO DE BIOLOGIA Y MEDICINA NUCLEAR
39045213		01051	Brazil	012/ 302-1021	LABORATORIO DE PESQUISAS VETERINARIAS DESIDERIO FINAMOR
43290587		—	Japan	(02)933-3212	HASSEI SAIBO GAKKAI
43459747		3181	Australia	03/734-5111	RESEARCH OUTFITTERS
46543295		—	Japan	(03)022-2332	WESTERN TECHNOLOGICAL SUPPLY

CUSTOMER	STATE	ZIP CODE	COUNTRY	PHONE	NAME
46783280		2374	Singapore	3762855	NGEE TECHNOLOGICAL INSTITUTE
48345514		—	United Arab Emirates	213445	GULF SCIENTIFIC SUPPLIES

CUSTOMER	CONTACT	ADDRESS	CITY	FIRSTORDER
14324742	A. BAUM	5089 CALERO AVENUE	SAN JOSE	05FEB1970
14569877	CHARLES BARON	198 FAYETTEVILLE ROAD	MEMPHIS	15AUG1988
14898029	S. TURNER	1598 PICCARD DRIVE	ROCKVILLE	12NOV1981
15432147	D.W. KADARAUCH	103 HARRIET STREET	KALAMAZOO	28APR1991
18543489	A. SILVERIA	5609 RIO GRANDE	AUSTIN	10SEP1984
19783482	M.R. HEFFERNAN	4613 MICHAEL FARADAY DRIVE	RESTON	18JUL1973
19876078	J.A. WHITTEN	1095 HIGHWAY 99 SOUTH	TULARE	11MAY1984
26422096	Y. CHAVANON	40 RUE PERIGNON	LA ROCHELLE	14JUN1988
26984578	GUNTHER SPIELMANN	MECHITARISTENGASSE 5	VIENNA	25MAY1992
27654351	I. CLEMENS	103 RUE D'EGMONT	BRUSSELS	14OCT1991
28710427	M.C. BORGSTEEDE	BIRMOERSTRAAT 34	THE HAGUE	10OCT1990
29834248	A.D.M. BRYCESON	44 PRINCESS GATE, HYDE PARK	LONDON, SW7 1PU	29JAN1991
31548901	W.E. MACDONALD	5063 RICHMOND MALL	VANCOUVER, V5T 1L2	19MAR1989
38763919	JORGE RUNNAZZO	SALGUERO 2345	BUENOS AIRES	10DEC1989
39045213	ELISABETE REGIS GUILLAUMON	RUA DONA ANTONIA DE QUEIROS 381	SAO PAULO	18AUG1987
43290587	Y. FUKUDA	3-2-7 ETCHUJMA, KOTO-KU	TOKYO 101	08FEB1979
43459747	R.G. HUGHES	191 LOWER PLENTY ROAD	PRAHRAN, VICTORIA	28JUL1977
46543295		4-3-8 ETCHUJMA, KOTO-KU	TOKYO 102	19APR1989

CUSTOMER	CONTACT	ADDRESS	CITY	FIRSTORDER
46783280	LING TAO SOON	356 CLEMENTI ROAD	SINGAPORE	27SEP1984
48345514	J.Q. RIFAIH	POB 8032	RAS AL KHAIMAH	10SEP1991

EMPLOYEES Table

The data in the EMPLOYEES table is shown in Table A1.2 on page 220.

Table A1.2 EMPLOYEES Table

EMPID	HIREDATE	SALARY	DEPT	JOBCODE	SEX
119012	01JUL1973	42340.58	CSR010	602	F
120591	05DEC1985	31000.55	SHP002	602	F
127845	16JAN1972	75320.34	ACC024	204	M
129540	01AUG1987	56123.34	SHP002	204	F
135673	15JUL1989	46322.58	ACC013	602	F
212916	15FEB1958	52345.58	CSR010	602	F
216382	15JUN1990	34004.65	SHP013	602	F
234967	19DEC1993	17000.00	CSR004	602	M
237642	01NOV1981	43200.34	SHP013	602	M
239185	07MAY1986	57920.66	ACC024	602	M
254896	04APR1990	35000.74	CSR011	204	M
321783	10SEP1972	48931.58	CSR011	602	M
328140	10JAN1980	75000.34	ACC043	1204	F
346917	02MAR1992	46000.33	SHP013	204	F
356134	14JUN1990	62450.75	ACC013	204	F
423286	19DEC1993	32870.66	ACC024	602	M
456910	14JUN1983	45000.58	CSR010	602	M
456921	19AUG1992	33210.04	SHP002	602	M
457232	15JUL1990	55000.66	ACC013	602	M
459287	02NOV1969	50000.00	SHP024	204	M
677890	12DEC1993	37610.00	CSR010	204	F
123456	04APR1994	—	ACC043	1204	—

Employee Data

EMPID	BIRTHDATE	LASTNAME	FIRSTNAME	MIDDLENAME	PHONE
119012	05JAN1951	WOLF- PROVENZA	G.	ANDREA	3467
120591	12FEB1951	HAMMERSTEIN	S.	RACHAEL	3287
127845	25DEC1948	MEDER	VLADIMIR	JORAN	6231

EMPID	BIRTHDATE	LASTNAME	FIRSTNAME	MIDDLENAME	PHONE
129540	31JUL1965	CHOULAI	CLARA	JANE	3921
135673	21MAR1966	HEMESLY	STEPHANIE	J.	6329
212916	29MAY1935	WACHBERGER	MARIE- LOUISE	TERESA	8562
216382	24JUL1968	PURINTON	PRUDENCE	VALENTINE	3852
234967	21DEC1972	SMITH	GILBERT	IRVINE	7274
237642	13MAR1959	BATTERSBY	R.	STEPHEN	8342
239185	28AUG1964	DOS REMEDIOS	LEONARD	WESLEY	4892
254896	06APR1954	TAYLOR- HUNYADI	ITO	MISHIMA	1231
321783	03JUN1939	GONZALES	GUILLERMO	RICARDO	3642
328140	02JUN1956	MEDINA- SIDONIA	MARGARET	ROSE	5901
346917	15MAR1955	SHIEKELESLAM	SHALA	Y.	8745
356134	25OCT1965	DUNNETT	CHRISTINE	MARIE	4213
423286	31OCT1969	MIFUNE	YUKIO	TOSHIRO	3278
456910	24SEP1958	ARDIS	RICHARD	BINGHAM	4351
456921	12MAY1967	KRAUSE	KARL-HEINZ	G.	7452
457232	15OCT1968	LOVELL	WILLIAM	SINCLAIR	6321
459287	05JAN1939	RODRIGUES	JUAN	M.	5879
677890	24APR1970	NISHIMATSU- LYNCH	CAROL	ANNE	6245
123456	—	VARGAS	CHRIS	J.	—

INVOICE Table

The data in the INVOICE table is shown in Table A1.3 on page 221.

Table A1.3 INVOICE Table

INVOICENUM	BILLEDTO	AMTBILLED	COUNTRY	AMOUNTINUS	BILLEDBY	BILLEDON	PAIDON
11270	39045213	1340738760.90	Brazil	2256870.00	239185	05OCT1998	18OCT1998
11271	18543489	11063836.00	USA	11063836.00	457232	05OCT1998	11OCT1998
11273	19783482	252148.50	USA	252148.50	239185	06OCT1998	11NOV1998
11276	14324742	1934460.00	USA	1934460.00	135673	06OCT1998	20OCT1998
11278	14898029	1400825.00	USA	1400825.00	239185	06OCT1998	19OCT1998
11280	39045213	1340738760.90	Brazil	2256870.00	423286	07OCT1998	20OCT1998
11282	19783482	252148.50	USA	252148.50	457232	07OCT1998	25OCT1998
11285	38763919	34891210.20	Argentina	2256870.00	239185	10OCT1998	30NOV1998
11286	43459747	12679156.00	Australia	11063836.00	423286	10OCT1998	—

INVOICENUM	BILLEDTO	AMTBILLED	COUNTRY	AMOUNTINUS	BILLEDBY	BILLEDON	PAIDON
11287	15432147	252148.50	USA	252148.50	457232	11OCT1998	04NOV1998
12051	39045213	1340738760.90	Brazil	2256870.00	457232	02NOV1998	——
12102	18543489	11063836.00	USA	11063836.00	239185	17NOV1998	——
12263	19783482	252148.50	USA	252148.50	423286	05DEC1998	——
12468	14898029	1400825.00	USA	1400825.00	135673	24DEC1998	02JAN1999
12471	39045213	1340738760.90	Brazil	2256870.00	457232	27DEC1998	——
12476	38763919	34891210.20	Argentina	2256870.00	135673	24DEC1998	——
12478	15432147	252148.50	USA	252148.50	423286	24DEC1998	02JAN1999

ORDERS Table

The data in the ORDERS table is shown in Table A1.4 on page 222.

The data in the SPECINSTR column is shown truncated in some cases. The full text is

```
Customer agrees to accept any liabilities
that may arise from the use of this product.  If
the customer is sued, the customer agrees not to
countersue us.
```

Table A1.4 ORDERS Table

ORDERNUM	STOCKNUM	LENGTH	FABCHARGES	SHIPTO	DATEORDERED
11269	9870	690	——	19876078	03OCT1998
11270	1279	1750	2256870.00	39045213	03OCT1998
11271	8934	110	11063836.00	18543489	03OCT1998
11272	3478	1000	——	29834248	03OCT1998
11273	2567	450	252148.50	19783482	04OCT1998
11274	4789	1000	——	15432147	04OCT1998
11275	3478	1000	——	29834248	04OCT1998
11276	1279	1500	1934460.00	14324742	04OCT1998
11277	8934	100	10058033.00	31548901	05OCT1998
11278	2567	2500	1400825.00	14898029	05OCT1998
11279	9870	650	——	48345514	05OCT1998
11280	1279	1750	2256870.00	39045213	06OCT1998
11281	8934	110	11063836.00	18543489	06OCT1998
11282	2567	450	252148.50	19783482	06OCT1998
11283	9870	690	——	18543489	07OCT1998
11284	3478	1000	——	24589689	07OCT1998
11285	1279	1750	256870.00	38763919	07OCT1998
11286	8934	110	11063836.00	43459747	07OCT1998

ORDERNUM	STOCKNUM	LENGTH	FABCHARGES	SHIPTO	DATEORDERED
11287	2567	450	252148.50	15432147	07OCT1998
11290	9870	690	—	14324742	10OCT1998
11969	9870	690	—	19876078	25OCT1998
12051	1279	1750	2256870.00	39045213	
12102	8934	110	11063836.00	18543489	15NOV1998
12160	3478	1000	—	29834248	19NOV1998
12263	2567	450	252148.50	19783482	01DEC1998
12464	4789	1000	—	15432147	23DEC1998
12465	3478	1000	—	29834248	23DEC1998
12466	1279	1500	1934460.00	14324742	23DEC1998
12467	8934	100	10058033.00	31548901	23DEC1998
12468	2567	2500	1400825.00	14898029	23DEC1998
12470	9870	650	—	48345514	23DEC1998
12471	1279	1750	2256870.00	39045213	23DEC1998
12472	8934	110	11063836.00	18543489	23DEC1998
12473	2567	450	252148.50	19783482	23DEC1998
12474	9870	690	—	18543489	23DEC1998
12475	3478	1000	—	24589689	23DEC1998
12476	1279	1750	2256870.00	38763919	23DEC1998
12477	8934	110	11063836.00	43459747	23DEC1998
12478	2567	450	252148.50	15432147	23DEC1998
12479	9870	690	—	14324742	23DEC1998
ORDERNUM	SHIPPED	TAKENBY	PROCESSDBY	SPECINSTR	
11269	—	212916	—	—	
11270	19OCT1998	321783	237642	Customer agrees to a	
11271	13OCT1998	456910	456921	—	
11272	—	234967	—	—	
11273	14NOV1998	119012	216382	—	
11274	—	212916	—	—	
11275	—	234967	—	—	
11276	21OCT1998	321783	120591	Customer agrees to a	
11277	—	456910	—	—	
11278	20OCT1998	119012	456921	—	
11279	—	212916	—	—	
11280	21OCT1998	321783	237642	Customer agrees to a	
11281	27OCT1998	456910	216382	—	
11282	26OCT1998	119012	456921	—	

ORDERNUM	SHIPPED	TAKENBY	PROCESSDBY	SPECINSTR
11283	---	212916	---	---
11284	---	234967	---	---
11285	02DEC1998	321783	120591	Customer agrees to a
11286	03NOV1998	456910	237642	---
11287	07NOV1998	119012	216382	---
11290	---	212916	---	Customer agrees to certain limitations.
11969	---	212916	---	---
12051	31OCT1998	---	321783	---
12102	---	456910	---	---
12160	---	234967	---	Customer agrees to pay in full.
12263	---	119012	---	---
12464	---	212916	---	---
12465	---	234967	---	---
12466	---	321783	---	Customer agrees to a
12467	---	456910	---	---
12468	---	119012	120591	---
12470	---	212916	---	---
12471	---	321783	---	Customer agrees to a
12472	03JAN1999	456910	237642	---
12473	---	119012	---	---
12474	---	212916	---	---
12475	---	234967	---	---
12476	03JAN1999	321783	456921	Customer agrees to a
12477	---	456910	---	---
12478	03JAN1999	119012	216382	---
12479	---	212916	---	---

SPECPROD Table

The data in the SPECPROD table are shown in Table A1.5 on page 224.

Table A1.5 SPECPROD Table

PRODUCED	WEIGHT		FIBER NAME	FIBER SIZE	
2356	+8.967499730	E- 01	nylon	+6.780000000	E-13
4789	+7.967500090	E- 01	dacron	+5.780000000	E-13
9870	+6.967499850	E- 01	polyester	+4.760000000	E-13
3478	+9.949499960	E- 01	olefin	+9.880000000	E-13

PRODUCED	WEIGHT		FIBER NAME	FIBER SIZE	
9678	+6.942499880	E- 01	cotton	+3.420000000	E-13
3456	+1.675000040	E- 02	silk	+2.678000000	E-11
8934	+1.429999950	E- 03	gold	+2.380000000	E-12
2567	+1.258500220	E- 01	fiberglass	+5.188000000	E-11
1279	+1.278899910	E- 01	asbestos	+6.347600000	E-10
PRODUCED	COST		PER UNIT	WIDTH	
2356	—		—	—	
4789	—		—	—	
9870	—		—	—	
3478	—		sq yd	—	
9678	—		—	—	
3456	—		—	—	
8934	100580.33		cm	+2.255999760	
2567	560.33		m	+1.205000000	
1279	1289.64		m	+2.227550050	

DBMS Tables (Airline Data)

The following data was created for a fictitious international airline. The code that creates these tables is contained in the GENSQL.SAS file that is included with your SAS software.

DELAY Table

The data in the DELAY table is shown in Table A1.6 on page 225.

Table A1.6 DELAY Table

FLIGHT	DATES	ORIG	DEST	DELAYCAT	DESTTYPE	DELAY
114	01MAR1998	LGA	LAX	1-10 Minutes	Domestic	8
202	01MAR1998	LGA	ORD	No Delay	Domestic	-5
219	01MAR1998	LGA	LON	11+ Minutes	International	18
622	01MAR1998	LGA	FRA	No Delay	International	-5
132	01MAR1998	LGA	YYZ	11+ Minutes	International	14
271	01MAR1998	LGA	PAR	1-10 Minutes	International	5
302	01MAR1998	LGA	WAS	No Delay	Domestic	-2
114	02MAR1998	LGA	LAX	No Delay	Domestic	0
202	02MAR1998	LGA	ORD	1-10 Minutes	Domestic	5
219	02MAR1998	LGA	LON	11+ Minutes	International	18
622	02MAR1998	LGA	FRA	No Delay	International	0
132	02MAR1998	LGA	YYZ	1-10 Minutes	International	5

FLIGHT	DATES	ORIG	DEST	DELAYCAT	DESTTYPE	DELAY
271	02MAR1998	LGA	PAR	1-10 Minutes	International	4
302	02MAR1998	LGA	WAS	No Delay	Domestic	0
114	03MAR1998	LGA	LAX	No Delay	Domestic	-1
202	03MAR1998	LGA	ORD	No Delay	Domestic	-1
219	03MAR1998	LGA	LON	1-10 Minutes	International	4
622	03MAR1998	LGA	FRA	No Delay	International	-2
132	03MAR1998	LGA	YYZ	1-10 Minutes	International	6
271	03MAR1998	LGA	PAR	1-10 Minutes	International	2
302	03MAR1998	LGA	WAS	1-10 Minutes	Domestic	5
114	04MAR1998	LGA	LAX	11+ Minutes	Domestic	15
202	04MAR1998	LGA	ORD	No Delay	Domestic	-5
219	04MAR1998	LGA	LON	1-10 Minutes	International	3
622	04MAR1998	LGA	FRA	11+ Minutes	International	30
132	04MAR1998	LGA	YYZ	No Delay	International	-5
271	04MAR1998	LGA	PAR	1-10 Minutes	International	5
302	04MAR1998	LGA	WAS	1-10 Minutes	Domestic	7
114	05MAR1998	LGA	LAX	No Delay	Domestic	-2
202	05MAR1998	LGA	ORD	1-10 Minutes	Domestic	2
219	05MAR1998	LGA	LON	1-10 Minutes	International	3
622	05MAR1998	LGA	FRA	No Delay	International	-6
132	05MAR1998	LGA	YYZ	1-10 Minutes	International	3
271	05MAR1998	LGA	PAR	1-10 Minutes	International	5
114	06MAR1998	LGA	LAX	No Delay	Domestic	-1
202	06MAR1998	LGA	ORD	No Delay	Domestic	-3
219	06MAR1998	LGA	LON	11+ Minutes	International	27
132	06MAR1998	LGA	YYZ	1-10 Minutes	International	7
302	06MAR1998	LGA	PAR	1-10 Minutes	Domestic	1
114	07MAR1998	LGA	LAX	No Delay	Domestic	-1
202	07MAR1998	LGA	ORD	No Delay	Domestic	-2
219	07MAR1998	LGA	LON	11+ Minutes	International	15
622	07MAR1998	LGA	FRA	11+ Minutes	International	21
132	07MAR1998	LGA	YYZ	No Delay	International	-2
271	07MAR1998	LGA	PAR	1-10 Minutes	International	4
302	07MAR1998	LGA	WAS	No Delay	Domestic	0

INTERNAT Table

The data in the INTERNAT table is shown in Table A1.7 on page 227.

Table A1.7 INTERNAT Table

FLIGHT	DATES	DEST	BOARDED
219	01MAR1998	LON	198
622	01MAR1998	FRA	207
132	01MAR1998	YYZ	115
271	01MAR1998	PAR	138
219	02MAR1998	LON	147
622	02MAR1998	FRA	176
132	02MAR1998	YYZ	106
271	02MAR1998	PAR	172
219	03MAR1998	LON	197
622	03MAR1998	FRA	180
132	03MAR1998	YYZ	75
271	03MAR1998	PAR	147
219	04MAR1998	LON	232
622	04MAR1998	FRA	137
132	04MAR1998	YYZ	117
271	04MAR1998	PAR	146
219	05MAR1998	LON	160
622	05MAR1998	FRA	185
132	05MAR1998	YYZ	157
271	05MAR1998	PAR	177
219	06MAR1998	LON	163
132	06MAR1998	YYZ	150
219	07MAR1998	LON	241
622	07MAR1998	FRA	210
132	07MAR1998	YYZ	164
271	07MAR1998	PAR	155

MARCH Table

The data in the MARCH table is shown in Table A1.8 on page 228.

Table A1.8 MARCH Table

FLIGHT	DATES	DEPART	ORIG	DEST	MILES	BOARDED	CAPACITY
114	01MAR1998	7:10	LGA	LAX	2475	172	210
202	01MAR1998	10:43	LGA	ORD	740	151	210
219	01MAR1998	9:31	LGA	LON	3442	198	250
622	01MAR1998	12:19	LGA	FRA	3857	207	250
132	01MAR1998	15:35	LGA	YYZ	366	115	178
271	01MAR1998	13:17	LGA	PAR	3635	138	250
302	01MAR1998	20:22	LGA	WAS	229	105	180
114	02MAR1998	7:10	LGA	LAX	2475	119	210
202	02MAR1998	10:43	LGA	ORD	740	120	210
219	02MAR1998	9:31	LGA	LON	3442	147	250
622	02MAR1998	12:19	LGA	FRA	3857	176	250
132	02MAR1998	15:35	LGA	YYZ	366	106	178
302	02MAR1998	20:22	LGA	WAS	229	78	180
271	02MAR1998	13:17	LGA	PAR	3635	104	250
114	03MAR1998	7:10	LGA	LAX	2475	197	210
202	03MAR1998	10:43	LGA	ORD	740	118	210
219	03MAR1998	9:31	LGA	LON	3442	197	250
622	03MAR1998	12:19	LGA	FRA	3857	180	250
132	03MAR1998	15:35	LGA	YYZ	366	75	178
271	03MAR1998	13:17	LGA	PAR	3635	147	250
302	03MAR1998	20:22	LGA	WAS	229	123	180
114	04MAR1998	7:10	LGA	LAX	2475	178	210
202	04MAR1998	10:43	LGA	ORD	740	148	210
219	04MAR1998	9:31	LGA	LON	3442	232	250
622	04MAR1998	12:19	LGA	FRA	3857	137	250
132	04MAR1998	15:35	LGA	YYZ	366	117	178
271	04MAR1998	13:17	LGA	PAR	3635	146	250
302	04MAR1998	20:22	LGA	WAS	229	115	180
114	05MAR1998	7:10	LGA	LAX	2475	117	210
202	05MAR1998	10:43	LGA	ORD	740	104	210
219	05MAR1998	9:31	LGA	LON	3442	160	250
622	05MAR1998	12:19	LGA	FRA	3857	185	250
132	05MAR1998	15:35	LGA	YYZ	366	157	178
271	05MAR1998	13:17	LGA	PAR	3635	177	250
114	06MAR1998	7:10	LGA	LAX	2475	128	210
202	06MAR1998	10:43	LGA	ORD	740	115	210

FLIGHT	DATES	DEPART	ORIG	DEST	MILES	BOARDED	CAPACITY
219	06MAR1998	9:31	LGA	LON	3442	163	250
132	06MAR1998	15:35	LGA	YYZ	366	150	178
302	06MAR1998	20:22	LGA	WAS	229	66	180
114	07MAR1998	7:10	LGA	LAX	2475	160	210
202	07MAR1998	10:43	LGA	ORD	740	175	210
219	07MAR1998	9:31	LGA	LON	3442	241	250
622	07MAR1998	12:19	LGA	FRA	3857	210	250
132	07MAR1998	15:35	LGA	YYZ	366	164	178
271	07MAR1998	13:17	LGA	PAR	3635	155	250
302	07MAR1998	20:22	LGA	WAS	229	135	180

STAFF Table

The data in the STAFF table is shown in Table A1.9 on page 229.

Table A1.9 STAFF Table

IDNUM	SEX	JOBCODE	SALARY	BIRTH	HIRED
1919	M	TA2	34376	12SEP1960	04JUN1987
1653	F	ME2	35108	15OCT1964	09AUG1990
1400	M	ME1	29769	05NOV1967	16OCT1990
1350	F	FA3	32886	31AUG1965	29JUL1990
1401	M	TA3	38822	13DEC1950	17NOV1985
1499	M	ME3	43025	26APR1954	07JUN1980
1101	M	SCP	18723	06JUN1962	01OCT1990
1333	M	PT2	88606	30MAR1961	10FEB1981
1402	M	TA2	32615	17JAN1963	02DEC1990
1479	F	TA3	38785	22DEC1968	05OCT1989
1403	M	ME1	28072	28JAN1969	21DEC1991
1739	M	PT1	66517	25DEC1964	27JAN1991
1658	M	SCP	17943	08APR1967	29FEB1992
1428	F	PT1	68767	04APR1960	16NOV1991
1782	M	ME2	35345	04DEC1970	22FEB1992
1244	M	ME2	36925	31AUG1963	17JAN1988
1383	M	BCK	25823	25JAN1968	20OCT1992
1574	M	FA2	28572	27APR1960	20DEC1992
1789	M	SCP	18326	25JAN1957	11APR1978
1404	M	PT2	91376	24FEB1953	01JAN1980
1437	F	FA3	33104	20SEP1960	31AUG1984
1639	F	TA3	40260	26JUN1957	28JAN1984

IDNUM	SEX	JOB CODE	SALARY	BIRTH	HIRED
1269	M	NA1	41690	03MAY1972	28NOV1992
1065	M	ME2	35090	26JAN1944	07JAN1987
1876	M	TA3	39675	20MAY1958	27APR1985
1037	F	TA1	28558	10APR1964	13SEP1992
1129	F	ME2	34929	08DEC1961	17AUG1991
1988	M	FA3	32217	30NOV1959	18SEP1984
1405	M	SCP	18056	05MAR1966	26JAN1992
1430	F	TA2	32925	28FEB1962	27APR1987
1983	F	FA3	33419	28FEB1962	27APR1987
1134	F	TA2	33462	05MAR1969	21DEC1988
1118	M	PT3	11379	16JAN1944	18DEC1980
1438	F	TA3	39223	15MAR1965	18NOV1987
1125	F	FA2	28888	08NOV1968	11DEC1987
1475	F	FA2	27787	15DEC1961	13JUL1990
1117	M	TA3	39771	05JUN1963	13AUG1992
1935	F	NA2	51081	28MAR1954	16OCT1981
1124	F	FA1	23177	10JUL1958	01OCT1990
1422	F	FA1	22454	04JUN1964	06APR1991
1616	F	TA2	34137	01MAR1970	04JUN1993
1406	M	ME2	35185	08MAR1961	17FEB1987
1120	M	ME1	28619	11SEP1972	07OCT1993
1094	M	FA1	22268	02APR1970	17APR1991
1389	M	BCK	25028	15JUL1959	18AUG1990
1905	M	PT1	65111	16APR1972	29MAY1992
1407	M	PT1	68096	23MAR1969	18MAR1990
1114	F	TA2	32928	18SEP1969	27JUN1987
1410	M	PT2	84685	03MAY1967	07NOV1986
1439	F	PT1	70736	06MAR1964	10SEP1990
1409	M	ME3	41551	19APR1950	22OCT1981
1408	M	TA2	34138	29MAR1960	14OCT1987
1121	M	ME1	29112	26SEP1971	07DEC1991
1991	F	TA1	27645	07MAY1972	12DEC1992
1102	M	TA2	34542	01OCT1959	15APR1991
1356	M	ME2	36869	26SEP1957	22FEB1983
1545	M	PT1	66130	12AUG1959	29MAY1990
1292	F	ME2	366991	28OCT1964	02JUL1989
1440	F	ME2	35757	27SEP1962	09APR1991

IDNUM	SEX	JOBCODE	SALARY	BIRTH	HIRED
1368	M	FA2	27808	11JUN1961	03NOV1984
1369	M	TA2	33705	28DEC1961	13MAR1987
1411	M	FA2	27265	27MAY1961	01DEC1989
1113	F	FA1	22367	15JAN1968	17OCT1991
1704	M	BCK	25465	30AUG1966	28JUN1987
1900	M	ME2	35105	25MAY1962	27OCT1987
1126	F	TA3	40899	28MAY1963	21NOV1980
1677	M	BCK	26007	05NOV1963	27MAR1989
1441	F	FA2	27158	19NOV1969	23MAR1991
1421	M	TA2	33155	08JAN1959	28FEB1990
1119	M	TA1	26924	20JUN1962	06SEP1988
1834	M	BCK	26896	08FEB1972	02JUL1992
1777	M	PT3	9630	23SEP1951	21JUN1981
1663	M	BCK	26452	11JAN1967	11AUG1991
1106	M	PT2	89632	06NOV1957	16AUG1984
1103	F	FA1	23738	16FEB1968	23JUL1992
1477	M	FA2	28566	21MAR1964	07MAR1988
1476	F	TA2	34803	30MAY1966	17MAR1987
1379	M	ME3	42264	08AUG1961	10JUN1984
1104	M	SCP	17946	25APR1963	10JUN1991
1009	M	TA1	28880	02MAR1959	26MAR1992
1412	M	ME1	27799	18JUN1956	05DEC1991
1115	F	FA3	32699	22AUG1960	29FEB1980
1128	F	TA2	32777	23MAY1965	20OCT1990
1442	F	PT2	84536	05SEP1966	12APR1988
1417	M	NA2	52270	27JUN1964	07MAR1989
1478	M	PT2	84203	09AUG1959	24OCT1990
1673	M	BCK	25477	27FEB1970	15JUL1991
1839	F	NA1	43433	29NOV1970	03JUL1993
1347	M	TA3	40079	21SEP1967	06SEP1984
1423	F	ME2	35773	14MAY1968	19AUG1990
1200	F	ME1	27816	10JAN1971	14AUG1992
1970	F	FA1	22615	25SEP1964	12MAR1991
1521	M	ME3	41526	12APR1963	13JUL1988
1354	F	SCP	18335	29MAY1971	16JUN1992
1424	F	FA2	28978	04AUG1969	11DEC1989
1132	F	FA1	22413	30MAY1972	22OCT1993

IDNUM	SEX	JOB CODE	SALARY	BIRTH	HIRED
1845	M	BCK	25996	20NOV1959	22MAR1980
1556	M	PT1	71349	22JUN1964	11DEC1991
1413	M	FA2	27435	16SEP1965	02JAN1990
1123	F	TA1	28407	31OCT1972	05DEC1992
1907	M	TA2	33329	15NOV1960	06JUL1987
1436	F	TA2	34475	11JUN1964	12MAR1987
1385	M	ME3	43900	16JAN1962	01APR1986
1432	F	ME2	35327	03NOV1961	10FEB1985
1111	M	NA1	40586	14JUL1973	31OCT1992
1116	F	FA1	22862	28SEP1969	21MAR1991
1352	M	NA2	53798	02DEC1960	16OCT1986
1555	F	FA2	27499	16MAR1968	04JUL1992
1038	F	TA1	26533	09NOV1969	23NOV1991
1420	M	ME3	43071	19FEB1965	22JUL1987
1561	M	TA2	34514	30NOV1963	07OCT1987
1434	F	FA2	28622	11JUL1962	28OCT1990
1414	M	FA1	23644	24MAR1972	12APR1992
1112	M	TA1	26905	29NOV1964	07DEC1992
1390	M	FA2	27761	19FEB1965	23JUN1991
1332	M	NA1	42178	17SEP1970	04JUN1991
1890	M	PT2	91908	20JUL1951	25NOV1979
1429	F	TA1	27939	28FEB1960	07AUG1992
1107	M	PT2	89977	09JUN1954	10FEB1979
1908	F	TA2	32995	10DEC1969	23APR1990
1830	F	PT2	84471	27MAY1957	29JAN1983
1882	M	ME3	41538	10JUL1957	21NOV1978
1050	M	ME2	35167	14JUL1963	24AUG1986
1425	F	FA1	23979	28DEC1971	28FEB1993
1928	M	PT2	89858	16SEP1954	13JUL1990
1480	F	TA3	39583	03SEP1957	25MAR1981
1100	M	BCK	25004	01DEC1960	07MAY1988
1995	F	ME1	28810	24AUG1973	19SEP1993
1135	F	FA2	27321	20SEP1960	31MAR1990
1415	M	FA2	28278	09MAR1958	12FEB1988
1076	M	PT1	66558	14OCT1955	03OCT1991
1426	F	TA2	32991	05DEC1966	25JUN1990
1564	F	SCP	18833	12APR1962	01JUL1992

IDNUM	SEX	JOBCODE	SALARY	BIRTH	HIRED
1221	F	FA2	27896	22SEP1967	04OCT1991
1133	M	TA1	27701	13JUL1966	12FEB1992
1435	F	TA3	38808	12MAY1959	08FEB1980
1418	M	ME1	28005	29MAR1957	06JAN1992
1017	M	TA3	40858	28DEC1957	16OCT1981
1443	F	NA1	42274	17NOV1968	29AUG1991
1131	F	TA2	32575	26DEC1971	19APR1991
1427	F	TA2	34046	31OCT1970	30JAN1990
1036	F	TA3	39362	19MAY1965	23OCT1984
1130	F	FA1	23916	16MAY1971	05JUN1992
1127	F	TA2	33011	09NOV1964	07DEC1986
1433	F	FA3	32982	08JUL1966	17JAN1987
1431	F	FA3	33230	09JUN1964	05APR1988
1122	F	FA2	27956	01MAY1963	27NOV1988
1105	M	ME2	34805	01MAR1962	13AUG1990
1639	F	TA3	42260	26JUN1957	28JAN1984
1065	M	ME3	38090	26JAN1944	07JAN1987
1561	M	TA3	36514	30NOV1963	07OCT1987
1221	F	FA3	29896	22SEP1967	04OCT1991
1447	F	FA1	22123	07AUG1972	29OCT1992
1998	M	SCP	23100	10SEP1970	02NOV1992
1036	F	TA3	42465	19MAY1965	23OCT1984
1106	M	PT3	94039	06NOV1957	16AUG1984
1129	F	ME3	36758	08DEC1961	17AUG1991
1350	F	FA3	36098	31AUG1965	29JUL1990
1369	M	TA3	36598	28DEC1961	13MAR1987
1076	M	PT1	69742	14OCT1955	03OCT1991

The data in the STAFF table continues with additional columns, as shown in Table A1.9 on page 229.

Table A1.10 STAFF Table

IDNUM	LNAME	FNAME	CITY	STATE	HPHONE
1919	ADAMS	GERALD	STAMFORD	CT	203/781-1255
1653	ALIBRANDI	MARIA	BRIDGEPORT	CT	203/675-7715
1400	ALHERTANI	ABDULLAH	NEW YORK	NY	212/586-0808
1350	ALVAREZ	MERCEDES	NEW YORK	NY	718/383-1549
1401	ALVAREZ	CARLOS	PATERSON	NJ	201/732-8787
1499	BAREFOOT	JOSEPH	PRINCETON	NJ	201/812-5665

IDNUM	LNAME	FNAME	CITY	STATE	HPHONE
1101	BAUCOM	WALTER	NEW YORK	NY	212/586-8060
1333	BANADYGA	JUSTIN	STAMFORD	CT	203/781-1777
1402	BLALOCK	RALPH	NEW YORK	NY	718/384-2849
1479	BALLETTI	MARIE	NEW YORK	NY	718/384-8816
1403	BOWDEN	EARL	BRIDGEPORT	CT	203/675-3434
1739	BRANCACCIO	JOSEPH	NEW YORK	NY	212/587-1247
1658	BREUHAUS	JEREMY	NEW YORK	NY	212/587-3622
1428	BRADY	CHRISTINE	STAMFORD	CT	203/781-1212
1782	BRECZAK	JAKOB	STAMFORD	CT	203/781-0019
1244	BUCCI	ANTHONY	NEW YORK	NY	718/383-3334
1383	BURNETTE	THOMAS	NEW YORK	NY	718/384-3569
1574	CAHILL	MARSHALL	NEW YORK	NY	718/383-2338
1789	CARAWAY	DAVIS	NEW YORK	NY	212/587-9000
1404	COHEN	LEE	NEW YORK	NY	718/384-2946
1437	CARTER	DOROTHY	BRIDGEPORT	CT	203/675-4117
1639	CARTER-COHEN	KAREN	STAMFORD	CT	203/781-8839
1269	CASTON	FRANKLIN	STAMFORD	CT	203/781-3335
1065	COPAS	FREDERICO	NEW YORK	NY	718/384-5618
1876	CHIN	JACK	NEW YORK	NY	212/588-5634
1037	CHOW	JANE	STAMFORD	CT	203/781-8868
1129	COUNIHAN	BRENDA	NEW YORK	NY	718/383-2313
1988	COOPER	ANTHONY	NEW YORK	NY	212/587-1228
1405	DACKO	JASON	PATERSON	NJ	201/732-2323
1430	DABROWSKI	SANDRA	BRIDGEPORT	CT	203/675-1647
1983	DEAN	SHARON	NEW YORK	NY	718/384-1647
1134	DELGADO	MARIA	STAMFORD	CT	203/781-1528
1118	DENNIS	ROGER	NEW YORK	NY	718/383-1122
1438	DABBOUSSI	KAMILLA	STAMFORD	CT	203/781-2229
1125	DUNLAP	DONNA	NEW YORK	NY	718/383-2094
1475	ELGES	MARGARETE	NEW YORK	NY	718/383-2828
1117	EDGERTON	JOSHUA	NEW YORK	NY	212/588-1239
1935	FERNANDEZ	KATRINA	BRIDGEPORT	CT	203/675-2962
1124	FIELDS	DIANA	WHITE PLAINS	NY	914/455-2998
1422	FUJIHARA	KYOKO	PRINCETON	NJ	201/812-0902
1616	FUENTAS	CARLA	NEW YORK	NY	718/384-3329
1406	FOSTER	GERALD	BRIDGEPORT	CT	203/675-6363

IDNUM	LNAME	FNAME	CITY	STATE	HPHONE
1120	GARCIA	JACK	NEW YORK	NY	718/384-4930
1094	GOMEZ	ALAN	BRIDGEPORT	CT	203/675-7181
1389	GOLDSTEIN	LEVI	NEW YORK	NY	718/384-9326
1905	GRAHAM	ALVIN	NEW YORK	NY	212/586-8815
1407	GREGORSKI	DANIEL	MT. VERNON	NY	914/468-1616
1114	GREENWALD	JANICE	NEW YORK	NY	212/588-1092
1410	HARRIS	CHARLES	STAMFORD	CT	203/781-0937
1439	HASENHAUER	CHRISTINA	BRIDGEPORT	CT	203/675-4987
1409	HAVELKA	RAYMOND	STAMFORD	CT	203/781-9697
1408	HENDERSON	WILLIAM	PRINCETON	NJ	201/812-4789
1121	HERNANDEZ	ROBERTO	NEW YORK	NY	718/384-3313
1991	HOWARD	GRETCHEN	BRIDGEPORT	CT	203/675-0007
1102	HERMANN	JOACHIM	WHITE PLAINS	NY	914/455-0976
1356	HOWARD	MICHAEL	NEW YORK	NY	212/586-8411
1545	HERRERO	CLYDE	STAMFORD	CT	203/781-1119
1292	HUNTER	HELEN	BRIDGEPORT	CT	203/675-4830
1440	JACKSON	LAURA	STAMFORD	CT	203/781-0088
1368	JEPSON	RONALD	STAMFORD	CT	203/781-8413
1369	JONSON	ANTHONY	NEW YORK	NY	212/587-5385
1411	JOHNSON	JACKSON	PATERSON	NJ	201/732-3678
1113	JONES	LESLIE	NEW YORK	NY	718/383-3003
1704	JONES	NATHAN	NEW YORK	NY	718/384-0049
1900	KING	WILLIAM	NEW YORK	NY	718/383-3698
1126	KIMANI	ANNE	NEW YORK	NY	212/586-1229
1677	KRAMER	JACKSON	BRIDGEPORT	CT	203/675-7432
1441	LAWRENCE	KATHY	PRINCETON	NJ	201/812-3337
1421	LEE	RUSSELL	MT. VERNON	NY	914/468-9143
1119	LI	JEFF	NEW YORK	NY	212/586-2344
1834	LEBLANC	RUSSELL	NEW YORK	NY	718/384-0040
1777	LUFKIN	ROY	NEW YORK	NY	718/383-4413
1663	MARKS	JOHN	NEW YORK	NY	212/587-7742
1106	MARSHBURN	JASPER	STAMFORD	CT	203/781-1457
1103	MCDANIEL	RONDA	NEW YORK	NY	212/586-0013
1477	MEYERS	PRESTON	BRIDGEPORT	CT	203/675-8125
1476	MONROE	JOYCE	STAMFORD	CT	203/781-2837
1379	MORGAN	ALFRED	STAMFORD	CT	203/781-2216

IDNUM	LNAME	FNAME	CITY	STATE	HPHONE
1104	MORGAN	CHRISTOPHER	NEW YORK	NY	718/383-9740
1009	MORGAN	GEORGE	NEW YORK	NY	212/586-7753
1412	MURPHEY	JOHN	PRINCETON	NJ	201/812-4414
1115	MURPHY	ALICE	NEW YORK	NY	718/384-1982
1128	NELSON	FELICIA	BRIDGEPORT	CT	203/675-1166
1442	NEWKIRK	SANDRA	PRINCETON	NJ	201/812-3331
1417	NEWKIRK	WILLIAM	PATERSON	NJ	201/732-6611
1478	NEWTON	JAMES	NEW YORK	NY	212/587-5549
1673	NICHOLLS	HENRY	STAMFORD	CT	203/781-7770
1839	NORRIS	DIANE	NEW YORK	NY	718/384-1767
1347	O'NEAL	BRYAN	NEW YORK	NY	718/384-0230
1423	OSWALD	LESLIE	MT. VERNON	NY	914/468-9171
1200	OVERMAN	MICHELLE	STAMFORD	CT	203/781-1835
1970	PARKER	ANNE	NEW YORK	NY	718/383-3895
1521	PARKER	JAY	NEW YORK	NY	212/587-7603
1354	PARKER	MARY	WHITE PLAINS	NY	914/455-2337
1424	PATTERSON	RENEE	NEW YORK	NY	212/587-8991
1132	PEARCE	CAROL	NEW YORK	NY	718/384-1986
1845	PEARSON	JAMES	NEW YORK	NY	718/384-2311
1556	PENNINGTON	MICHAEL	NEW YORK	NY	718/383-5681
1413	PETERS	RANDALL	PRINCETON	NJ	201/812-2478
1123	PETERSON	SUZANNE	NEW YORK	NY	718/383-0077
1907	PHELPS	WILLIAM	STAMFORD	CT	203/781-1118
1436	PORTER	SUSAN	NEW YORK	NY	718/383-5777
1385	RAYNOR	MILTON	BRIDGEPORT	CT	203/675-2846
1432	REED	MARILYN	MT. VERNON	NY	914/468-5454
1111	RHODES	JEREMY	PRINCETON	NJ	201/812-1837
1116	RICHARDS	CASEY	NEW YORK	NY	212/587-1224
1352	RIVERS	SIMON	NEW YORK	NY	718/383-3345
1555	RODRIGUEZ	JULIA	BRIDGEPORT	CT	203/675-2401
1038	RODRIGUEZ	MARIA	BRIDGEPORT	CT	203/675-2048
1420	ROUSE	JEREMY	PATERSON	NJ	201/732-9834
1561	SANDERS	RAYMOND	NEW YORK	NY	212/588-6615
1434	SANDERSON	EDITH	STAMFORD	CT	203/781-1333
1414	SANDERSON	NATHAN	BRIDGEPORT	CT	203/675-1715
1112	SAYERS	RANDY	NEW YORK	NY	718/384-4895

IDNUM	LNAME	FNAME	CITY	STATE	HPHONE
1390	SMART	JONATHAN	NEW YORK	NY	718/383-1141
1332	STEPHENSON	ADAM	BRIDGEPORT	CT	203/675-1497
1890	STEPHENSON	ROBERT	NEW YORK	NY	718/384-9874
1429	THOMPSON	ALICE	STAMFORD	CT	203/781-3857
1107	THOMPSON	WAYNE	NEW YORK	NY	718/384-3785
1908	TRENTON	MELISSA	NEW YORK	NY	212/586-6262
1830	TRIPP	KATHY	BRIDGEPORT	CT	203/675-2479
1882	TUCKER	ALAN	NEW YORK	NY	718/384-0216
1050	TUTTLE	THOMAS	WHITE PLAINS	NY	914/455-2119
1425	UNDERWOOD	JENNY	STAMFORD	CT	203/781-0978
1928	UPCHURCH	LARRY	WHITE PLAINS	NY	914/455-5009
1480	UPDIKE	THERESA	NEW YORK	NY	212/587-8729
1100	VANDEUSEN	RCHARD	NEW YORK	NY	212/586-2531
1995	VARNER	ELIZABETH	NEW YORK	NY	718/384-7113
1135	VEGA	ANNA	NEW YORK	NY	718/384-5913
1415	VEGA	FRANKLIN	NEW YORK	NY	718/384-2823
1076	VENTER	RANDALL	NEW YORK	NY	718/383-2321
1426	VICK	THERESA	PRINCETON	NJ	201/812-2424
1564	WALTERS	ANNE	NEW YORK	NY	212/587-3257
1221	WALTERS	DIANE	NEW YORK	NY	718/384-1918
1133	WANG	CHIN	NEW YORK	NY	212/587-1956
1435	WARD	ELAINE	NEW YORK	NY	718/383-4987
1418	WATSON	BERNARD	NEW YORK	NY	718/383-1298
1017	WELCH	DARIUS	NEW YORK	NY	212/586-5535
1443	WELLS	AGNES	STAMFORD	CT	203/781-5546
1131	WELLS	NADINE	NEW YORK	NY	718/383-1045
1427	WHALEY	CAROLYN	MT. VERNON	NY	914/468-4528
1036	WONG	LESLIE	NEW YORK	NY	212/587-2570
1130	WOOD	DEBORAH	NEW YORK	NY	212/587-0013
1127	WOOD	SANDRA	NEW YORK	NY	212/587-2881
1433	YANCEY	ROBIN	PRINCETON	NJ	201/812-1874
1431	YOUNG	DEBORAH	STAMFORD	CT	203/781-2987

1122	YOUNG	JOANN	NEW YORK	NY	718/384-2021
1105	YOUNG	LAWRENCE	NEW YORK	NY	718/384-0008

PAYROLL2 Table

The data in the PAYROLL2 table is shown in Table A1.11 on page 238.

Table A1.11 PAYROLL2 Table

IDNUM	SEX	JOB CODE	SALARY	BIRTH	HIRED
1639	F	TA3	42260	26JUN1957	28JAN1984
1065	M	ME3	38090	26JAN1944	07JAN1987
1561	M	TA3	36514	30NOV1963	07OCT1987
1221	F	FA3	29896	22SEP1967	04OCT1991
1447	F	FA1	22123	07AUG1972	29OCT1992
1998	M	SCP	23100	10SEP1970	02NOV1992
1036	F	TA3	42465	19MAY1965	23OCT1984
1106	M	PT3	94039	06NOV1957	16AUG1984
1129	F	ME3	36758	08DEC1961	17AUG1991
1350	F	FA3	36098	31AUG1965	29JUL1990
1369	M	TA3	36598	28DEC1961	13MAR1987
1076	M	PT1	69742	14OCT1955	03OCT1991

SCHEDULE Table

The data in the SCHEDULE table is shown in Table A1.12 on page 238.

Table A1.12 SCHEDULE Table

FLIGHT	DATES	DEST	IDNUM
132	01MAR1998	YYZ	1739
132	01MAR1998	YYZ	1478
132	01MAR1998	YYZ	1130
132	01MAR1998	YYZ	1390
132	01MAR1998	YYZ	1983
132	01MAR1998	YYZ	1111
219	01MAR1998	LON	1407
219	01MAR1998	LON	1777
219	01MAR1998	LON	1103
219	01MAR1998	LON	1125
219	01MAR1998	LON	1350
219	01MAR1998	LON	1332
271	01MAR1998	PAR	1439

FLIGHT	DATES	DEST	IDNUM
271	01MAR1998	PAR	1442
271	01MAR1998	PAR	1132
271	01MAR1998	PAR	1411
271	01MAR1998	PAR	1988
271	01MAR1998	PAR	1443
622	01MAR1998	FRA	1545
622	01MAR1998	FRA	1890
622	01MAR1998	FRA	1116
622	01MAR1998	FRA	1221
622	01MAR1998	FRA	1433
622	01MAR1998	FRA	1352
132	02MAR1998	YYZ	1556
132	02MAR1998	YYZ	1478
132	02MAR1998	YYZ	1113
132	02MAR1998	YYZ	1411
132	02MAR1998	YYZ	1574
132	02MAR1998	YYZ	1111
219	02MAR1998	LON	1407
219	02MAR1998	LON	1118
219	02MAR1998	LON	1132
219	02MAR1998	LON	1135
219	02MAR1998	LON	1441
219	02MAR1998	LON	1332
271	02MAR1998	PAR	1739
271	02MAR1998	PAR	1442
271	02MAR1998	PAR	1103
271	02MAR1998	PAR	1413
271	02MAR1998	PAR	1115
271	02MAR1998	PAR	1443
622	02MAR1998	FRA	1439
622	02MAR1998	FRA	1890
622	02MAR1998	FRA	1124
622	02MAR1998	FRA	1368
622	02MAR1998	FRA	1477
622	02MAR1998	FRA	1352
132	03MAR1998	YYZ	1739
132	03MAR1998	YYZ	1928

FLIGHT	DATES	DEST	IDNUM
132	03MAR1998	YYZ	1425
132	03MAR1998	YYZ	1135
132	03MAR1998	YYZ	1437
132	03MAR1998	YYZ	1111
219	03MAR1998	LON	1428
219	03MAR1998	LON	1442
219	03MAR1998	LON	1130
219	03MAR1998	LON	1411
219	03MAR1998	LON	1115
219	03MAR1998	LON	1332
271	03MAR1998	PAR	1905
271	03MAR1998	PAR	1118
271	03MAR1998	PAR	1970
271	03MAR1998	PAR	1125
271	03MAR1998	PAR	1983
271	03MAR1998	PAR	1443
622	03MAR1998	FRA	1545
622	03MAR1998	FRA	1830
622	03MAR1998	FRA	1414
622	03MAR1998	FRA	1368
622	03MAR1998	FRA	1431
622	03MAR1998	FRA	1352
132	04MAR1998	YYZ	1428
132	04MAR1998	YYZ	1118
132	04MAR1998	YYZ	1103
132	04MAR1998	YYZ	1390
132	04MAR1998	YYZ	1350
132	04MAR1998	YYZ	1111
219	04MAR1998	LON	1739
219	04MAR1998	LON	1478
219	04MAR1998	LON	1130
219	04MAR1998	LON	1125
219	04MAR1998	LON	1983
219	04MAR1998	LON	1332
271	04MAR1998	PAR	1407
271	04MAR1998	PAR	1410
271	04MAR1998	PAR	1094

FLIGHT	DATES	DEST	IDNUM
271	04MAR1998	PAR	1411
271	04MAR1998	PAR	1115
271	04MAR1998	PAR	1443
622	04MAR1998	FRA	1545
622	04MAR1998	FRA	1890
622	04MAR1998	FRA	1116
622	04MAR1998	FRA	1221
622	04MAR1998	FRA	1433
622	04MAR1998	FRA	1352
132	05MAR1998	YYZ	1556
132	05MAR1998	YYZ	1890
132	05MAR1998	YYZ	1113
132	05MAR1998	YYZ	1475
132	05MAR1998	YYZ	1431
132	05MAR1998	YYZ	1111
219	05MAR1998	LON	1428
219	05MAR1998	LON	1442
219	05MAR1998	LON	1422
219	05MAR1998	LON	1413
219	05MAR1998	LON	1574
219	05MAR1998	LON	1332
271	05MAR1998	PAR	1739
271	05MAR1998	PAR	1928
271	05MAR1998	PAR	1103
271	05MAR1998	PAR	1477
271	05MAR1998	PAR	1433
271	05MAR1998	PAR	1443
622	05MAR1998	FRA	1545
622	05MAR1998	FRA	1830
622	05MAR1998	FRA	1970
622	05MAR1998	FRA	1441
622	05MAR1998	FRA	1350
622	05MAR1998	FRA	1352
132	06MAR1998	YYZ	1333
132	06MAR1998	YYZ	1890
132	06MAR1998	YYZ	1414
132	06MAR1998	YYZ	1475

FLIGHT	DATES	DEST	IDNUM
132	06MAR1998	YYZ	1437
132	06MAR1998	YYZ	1111
219	06MAR1998	LON	1106
219	06MAR1998	LON	1118
219	06MAR1998	LON	1425
219	06MAR1998	LON	1434
219	06MAR1998	LON	1555
219	06MAR1998	LON	1332
132	07MAR1998	YYZ	1407
132	07MAR1998	YYZ	1118
132	07MAR1998	YYZ	1094
132	07MAR1998	YYZ	1555
132	07MAR1998	YYZ	1350
132	07MAR1998	YYZ	1111
219	07MAR1998	LON	1905
219	07MAR1998	LON	1478
219	07MAR1998	LON	1124
219	07MAR1998	LON	1434
219	07MAR1998	LON	1983
219	07MAR1998	LON	1332
271	07MAR1998	PAR	1410
271	07MAR1998	PAR	1777
271	07MAR1998	PAR	1103
271	07MAR1998	PAR	1574
271	07MAR1998	PAR	1115
271	07MAR1998	PAR	1443
622	07MAR1998	FRA	1107
622	07MAR1998	FRA	1890
622	07MAR1998	FRA	1425
622	07MAR1998	FRA	1475
622	07MAR1998	FRA	1433
622	07MAR1998	FRA	1352

SUPERV Table

The data in the SUPERV table is shown in Table A1.13 on page 243.

Table A1.13 SUPERV Table

SUPERVISOR ID	STATE	JOB CATEGORY
1677	CT	BC
1834	NY	BC
1431	CT	FA
1433	NJ	FA
1983	NY	FA
1385	CT	ME
1420	NJ	ME
1882	NY	ME
1935	CT	NA
1417	NJ	NA
1352	NY	NA
1106	CT	PT
1442	NJ	PT
1118	NY	PT
1405	NJ	SC
1564	NY	SC
1639	CT	TA
1401	NJ	TA
1126	NY	TA

SAS Data Sets

This section describes the SAS data sets used in some of the examples. It provides the SAS statements that create each data set and shows the output from the PRINT procedure. The code that creates these data sets is available in the GENSAMP.SAS file that is included with your SAS/ACCESS software.

DLIB.BIRTHDAY SAS Data File

The SAS data file DLIB.BIRTHDAY is created with the following SAS statements:

```
libname dlib 'Your-SAS-data-library';
data dlib.birthday;
    input empid birthdat date7.
           lastname $18.
           firstnam $15.
           phone $4.;
    datalines;
459287 05JAN39 RODRIGUES      JUAN      5879
127845 25DEC48 MEDER         VLADIMIR 6231
254896 06APR54 TAYLOR-HUNYADI ITO       0231
;
```

The following PRINT procedure lists the data shown in Output A1.1 on page 244:

```
proc print data=dlib.birthday;
  format birthdat date9.;
  title 'DLIB.BIRTHDAY Data File';
run;
```

Output A1.1 Data in SAS Data File DLIB.BIRTHDAY

DLIB.BIRTHDAY Data File					
OBS	EMPID	BIRTHDAT	LASTNAME	FIRSTNAM	PHONE
1	459287	05JAN1939	RODRIGUES	JUAN	5879
2	127815	25DEC1948	MEDER	VLADIMIR	6231
3	254196	06APR1954	TAYLOR-HUNYADI	ITO	0231

DLIB.OUTOFSTK SAS Data File

The SAS data file DLIB.OUTOFSTK is created with the following SAS statements:

```
libname dlib 'Your-SAS-data-library';
data dlib.outofstk;
  input fibernam $8. fibernum;
  datalines;
olefin 3478
gold 8934
dacron 4789
;
```

The following PRINT procedure lists the data shown in Output A1.2 on page 244:

```
proc print data=dlib.outofstk;
  title 'SAS Data File DLIB.OUTOFSTK';
run;
```

Output A1.2 Data in SAS Data File DLIB.OUTOFSTK

SAS Data File DLIB.OUTOFSTK			
OBS	FIBERNAM	FIBERNUM	
1	olefin	3478	
2	gold	8934	
3	dacron	4789	

DLIB.TEMPEMPS SAS Data File

The SAS data file DLIB.TEMPEMPS is created with the following PROC SQL statements:

```
libname dlib 'Your-SAS-data-library';
proc sql;
```

```

create table dlib.tempemps
  (label='Student interns',
   empid num, hiredate date format=date7.,
   dept char(6), gender char(1),
   lastname char(18), firstnam char(15),
   middlena char(15), familyid num);

insert into dlib.tempemps
  values(765111,'04MAY98'd,'CSR011','M',
         'NISHIMATSU-LYNCH','RICHARD',
         'ITO',677890)
  values(765112,'04MAY98'd,'CSR010','M',
         'SMITH','ROBERT','MICHAEL',234967)
  values(219776,'15APR98'd,'ACC024','F',
         'PASTORELLI','ZORA',null,.)
  values(245233,'10APR98'd,'ACC013','',
         ','ALI','SADIQ','H.',.)
  values(245234,'10APR98'd,'ACC024','F',
         'MEHAILESCU','NADIA','P.',.)
  values(326721,'01MAY98'd,'SHP002','M',
         'CALHOUN','WILLIS','BEAUREGARD',.);

quit;

```

The following PRINT procedure lists the data shown in Output A1.3 on page 245:

```

options ls=120;
proc print data=dlib.tempemps;
  title 'DLIB.TEMPEMPS Data File';
run;

```

Output A1.3 Data in DLIB.TEMPEMPS

DLIB.TEMPEMPS Data File								
OBS	EMPID	HIREDATE	DEPT	GENDER	LASTNAME	FIRSTNAM	MIDDLENA	FAMILYID
1	765111	04MAY98	CSR011	M	NISHIMATSU-LYNCH	RICHARD	ITO	677890
2	765112	04MAY98	CSR010	M	SMITH	ROBERT	MICHAEL	234967
3	219776	15APR98	ACC024	F	PASTORELLI	ZORA		.
4	245233	10APR98	ACC013		ALI	SADIQ	H.	.
5	245234	10APR98	ACC024	F	MEHAILESCU	NADIA	P.	.
6	326721	01MAY98	SHP002	M	CALHOUN	WILLIS	BEAUREGARD	.

DLIB.RATEOFEX SAS Data File

The SAS data file DLIB.RATEOFEX is created with the following SAS statements:

```

libname dlib 'Your-SAS-data-library';
data dlib.rateofex;
  input updated date7.
        currency & $15.
        fgnindol : 8.
        dolinfgn : 11.

```

```

        country & $20.;
format updated date9.
        currency $15.
        fgnindol 8.6
        dolinfgn 11.6
        country $20.;
datalines;
28JUL93 peso      1.01 0.99 Argentina
28JUL93 dollar    0.7457 1.3410 Australia
more data lines
;
```

The following PRINT procedure lists the data shown in Output A1.4 on page 246:

```

proc print data=dlib.rateofex;
    title 'Data in SAS Data File DLIB.RATEOFEX';
run;
```

Output A1.4 Data in SAS Data File DLIB.RATEOFEX

Data in SAS Data File DLIB.RATEOFEX					
OBS	UPDATED	CURRENCY	FGNINDOL	DOLINFGN	COUNTRY
1	28JUL98	4 peso	1.010000	0.990000	Argentina
2	28JUL98	4 dollar	0.745700	1.341000	Australia
3	28JUL98	4 schilling	0.095940	10.420000	Austria
4	28JUL98	4 dinar	2.652200	0.377100	Bahrain
5	28JUL98	4 franc	0.032780	30.510000	Belgium
6	28JUL98	4 cruzeiro	0.000260	3872.000000	Brazil
7	28JUL98	4 pound	1.919500	0.521000	Britain
8	28JUL98	4 dollar	0.841400	1.188500	Canada
9	28JUL98	4 peso	0.002835	352.750000	Chile
10	28JUL98	4 renminbi	0.182815	5.470000	China
11	28JUL98	4 peso	0.001722	580.640000	Columbia
12	28JUL98	4 krone	0.175400	5.700500	Denmark
13	28JUL98	4 sucre	0.000693	1443.000000	Ecuador
14	28JUL98	4 markka	0.246490	4.057000	Finland
15	28JUL98	4 franc	0.199980	5.000500	France
16	28JUL98	4 mark	0.675400	1.480500	Germany
17	28JUL98	4 drachma	0.005491	182.100000	Greece
18	28JUL98	4 dollar	0.129190	7.740500	Hong Kong
19	28JUL98	4 forint	0.013139	76.110000	Hungary
20	28JUL98	4 rupee	0.035650	28.050000	India
21	28JUL98	4 rupiah	0.000493	2029.510000	Indonesia
22	28JUL98	4 punt	1.802600	0.554800	Ireland
23	28JUL98	4 shekel	0.406500	2.460000	Israel
24	28JUL98	4 lira	0.000892	1120.500000	Italy
25	28JUL98	4 yen	0.007843	127.500000	Japan
26	28JUL98	4 dinar	1.527700	0.654600	Jordan
27	28JUL98	4 dinar	3.420600	0.292400	Kuwait
28	28JUL98	4 pound	0.000503	1990.000000	Lebanon
29	28JUL98	4 ringgit	0.400000	2.500300	Malaysia
30	28JUL98	4 lira	3.344500	0.299000	Malta
31	28JUL98	4 peso	0.000321	3114.510000	Mexico
32	28JUL98	4 guilder	0.598900	1.669800	Netherlands
33	28JUL98	4 dollar	0.546100	1.831200	New Zealand
34	28JUL98	4 krone	0.171800	5.819500	Norway
35	28JUL98	4 rupee	0.040000	25.000000	Pakistan
36	28JUL98	4 new sol	0.839000	1.190000	Peru
37	28JUL98	4 peso	0.040900	24.450000	Philippines
38	28JUL98	4 zloty	0.000077	12959.01000	Poland
39	28JUL98	4 escudo	0.007949	125.800000	Portugal
40	28JUL98	4 riyal	0.267380	3.740000	Saudi Arabia
41	28JUL98	4 dollar	0.619000	1.615500	Singapore
42	28JUL98	4 rand	0.362300	2.759800	South Africa
43	28JUL98	4 won	0.001270	787.400000	South Korea
44	28JUL98	4 peseta	0.010612	94.230000	Spain
45	28JUL98	4 krona	0.186000	5.376000	Sweden
46	28JUL98	4 franc	0.763400	1.310000	Switzerland
47	28JUL98	4 dollar	0.039714	25.180000	Taiwan
48	28JUL98	4 baht	0.039450	25.350000	Thailand
49	28JUL98	4 lira	0.000144	6938.000000	Turkey
50	28JUL98	4 dirham	0.272300	3.672500	United Arab
51	28JUL98	4 new peso	0.000321	3120.010000	Uruguay
52	28JUL98	4 bolivar	0.015130	66.090000	Venezuela

Note: If you want to run the examples in this book, access your online HELP system, or contact your SAS Software Representative for information about how to access the sample library files. Δ

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