

Electronic Data Interchange
Transaction Set Companion Guide

834 - Health Care Benefit Enrollment and Maintenance

5010
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General Information

Delta Dental of Idaho (DDI) encourages transmission of enrollment information in a HIPAA compliant 834 format. The 834 file should contain a complete enrollment (including terminations).

This companion guide references Washington Publishing Group's "Benefit Enrollment and Maintenance ASC X12N 834 005010X220".

There should be no line breaks in the 834 file (although DDI can accept 834 files with line breaks if necessary).

Delimiters

The following table shows the delimiters DDI is expecting in an 834 file.

Delimiter	Character	ASCII Value in Dec
End of Segment	~	126
Element Separator	*	42
Component Element Separator	:	58

834 Benefit Enrollment and Maintenance

Seg ID	Name	Usage	Repeat	Loop Repeat
ISA	Interchange Control Header	R	0	
GS	Function Group Header	R	0	

Table 1 - Header

Seg ID	Name	Usage	Repeat	Loop Repeat
ST	Transaction Set Number	R	1	
BGN	Beginning Segment	R	1	
LOOP ID - 1000A SPONSOR NAME				1
N1	Sponsor Name	R	1	
LOOP ID - 1000B PAYER NAME				1
N1	Payer Name	R	1	
LOOP ID - 1000C TPA/BROKER NAME				2
N1	TPA/Broker Name	S	1	

Table 2 - Detail

Seg ID	Name	Usage	Repeat	Loop Repeat
LOOP ID - 2000 MEMBER LEVEL DETAIL				> 1
INS	Member Level Detail	R	1	
REF	Subscriber Number	R	1	
REF	Member Group Number	S	1	
REF	Employer ID	S	1	
DTP	Employment Date	R	1	
LOOP ID - 2100A MEMBER NAME DETAIL				1
NM1	Member Name	R	1	
PER	Member Contact Information	S	1	
N3	Member Street Address	R	1	
N4	Member City, State, ZIP Code	R	1	
DMG	Member Demographic Information	R	1	
LOOP ID - 2300 HEALTH COVERAGE				1
HD	Health Coverage	R	1	
DTP	Benefit Begin	R	1	
DTP	Benefit End	S	1	
REF	Benefit Group Number	S	1	
SE	Transaction Set Trailer	R	1	
GE	Function Group Trailer	R	1	
IEA	Interchange Control Trailer	R	1	

R - Required
S - Situational

ISA – Interchange Control Header

Usage : Mandatory
 Segment Max Use
 Within Loop : 1
 Loop Repeat : NONE
 Loop ID : NONE

Example:

ISA*00*bbbbbbbb*00*bbbbbbbb*20*123456789bbbb*01*820299431bbbb*101231*1452*^*00501*
 00000001*O*P*:-

Note b = blank

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
ISA01	R	Authorization Information Qualifier	"00"	No Authorization information present	2/2
ISA02	R	Authorization Information		Field should consist of 10 spaces	10/10
ISA03	R	Security Info Qualifier	"00"	No Security info present.	2/2
ISA04	R	Security Information		Field should consist of 10 spaces	10/10
ISA05	R	Sender Interchange ID Qualifier	"01" "ZZ" "20"	Duns (Dun & Bradstreet) Mutually Defined Health Industry Number	2/2
ISA06	R	Interchange Sender ID		Field must be space filled to the right To a length of 15	15/15
ISA07	R	Receiver Interchange ID Qualifier	"01" "ZZ"	Duns (Dun & Bradstreet) Mutually Defined	2/2.
ISA08	R	Interchange receiver ID	"820299431"		15/15
ISA09	R	Interchange Date		YYMMDD	6/6
ISA10	R	Interchange Time		HHMM	4/4
ISA11	R	Repetition Separator	"^"		1/1
ISA12	R	Interchange control Version	"00501"		5/5
ISA13	R	Interchange control number		9 digit control number must match the control number of the IEAO2 element	9/9
ISA14	R	Acknowledgment Requested	"0"	No Acknowledgment Requested	1/1
ISA15	R	Usage Indicator	"P" "T"	Production Test	1/1
ISA16	R	Component element separator	": "		1/1

GS – Functional Group Header

Usage : Mandatory
 Segment Max Use :
 Within Loop : 1
 Loop Repeat : NONE
 Loop ID : NONE

Example:

GS*BE*123456789*076334622*20101231*1452*00000001*X*005010X220-

Segment	Usage	Name	Values	Description	Min/Max Length
GS01	R	Functional Identifier Code	"BE"	Benefit Enrollment and Maintenance	2/2
GS02	R	Application Senders Code		Senders ID	2/15
GS03	R	Application Receiver's Code	"820299431"		2/15
GS04	R	Date		CCYYMMDD	8/8
GS05	R	Time		HHMM	4/4
GS06	R	Group Control Number		Must match the control number of the GE02 element	1/9
GS07	R	Responsibility Agency Code	"X"	Accredited Standards Committee X12	1/2
GS08	R	Version/Release/Industry Identifier Code		"005010X220"	1/12

ST – Transaction Set Header

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : NONE
Loop ID : NONE

Example:

ST*834*0001*005010X220-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
ST01	R	Transaction Set Identifier Code	“834”	Eligibility coverage or benefit inquiry	3/3
ST02	R	Transaction Set Control Number		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	4/9
ST03	R	Implementation Convention Reference	“005010X220”		1/35

COMMENT: The transaction set control numbers in **ST02** and **SE02** must be identical. This unique number also aids in error resolution research. Start with the number, for example “**0001**”, and increment from there. This number must be unique within the specific group and interchanges, but can repeat in other groups and interchanges.

BGN – Beginning Segment

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : NONE
Loop ID : NONE

Example of a change file:

BGN*00*54321*20101231*1452****2~

Example of a full file:

BGN*00*54321*20101231*1452****4~

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
BGN01	R	Purpose Code	“00”	Original Transmission	2/2
BGN02	R	Reference Number		Transaction set reference number	1/50
BGN03	R	Date		CCYYMMDD	8/8
BGN04	R	Time		HHMMSSUU/ HHMMSS/ HHMM	4/8
BGN05				NOT USED	
BGN06				NOT USED	
BGN07				NOT USED	
BGN08	R	Action Code	“4”	Full	1/2

COMMENT: Use a value of 2 when sending a change file. Delta Dental of Idaho prefers full files.

N1 – Name (Sponsor)

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 1000A

Example:

N1*P5*ABC CORPORATION*FI*919191919~

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
N101	R	Entity Identifier Code	"P5"	Plan Sponsor	2/3
N102	R	Name		Plan Name	01/60
N103	R	Identification Code Qualifier	"FI" "ZZ"	Fed Tax ID Mutually Defined	2/2
N104	R	Identification Code		Organizational Id	2/80

N1 – Name (Payer)

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 1000B

Example:

N1*IN*Delta Dental of Idaho*FI*820299431-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
N101	R	Entity Identifier Code	"IN"	Insurer	2/2
N102	R	Name	"Delta Dental of Idaho"		21/21
N103	R	Identification Code Qualifier	"FI"	Fed Tax ID	2/2
N104	R	Identification Code	"820299431"		2/80

N1 – Name (TPA/Broker Name)

Usage : Situational
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 1000C

Example:

N1*TV*XYZ Processing*FI*378478384-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
N101	M	Entity Identifier Code	"BO"	Broker/ Sales Office "TV" Third Party Administrator(TPA)	2/2
N102	M	Name		TPA Broker Name	1/60
N103	M	Identification Code Qualifier	"94" "FI" "XV"	Organization Code Fed Tax ID HFCA Plan ID	2/2
N104	M	Identification Code		Organizational ID	2/80

INS – Insured Benefit (Subscriber or Dependent)

Usage : Mandatory
 Segment Max Use
 Within Loop : 1
 Loop Repeat : > 1
 Loop ID : 2000

Example:

INS*Y*18*001*A~
 INS*N*19*021*A****F~
 INS*N*19*001*AI*A****Y~

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
INS01	R	Yes/No Condition	"Y" "N"	Subscriber Dependent	1/1
INS02	R	Individual Relationship Code	"01" "09" "18" "19" "25"	Spouse Adopted Child Self Child Ex-Spouse	2/2
INS03	R	Maintenance Type Code	"001" "021" "024" "025"	Change Addition Termination Reinstatement	3/3
INS04	S	Maintenance Reason Code	"03" "04" "11" "AI"	Death Retirement Surviving Spouse No Reason Given	2/2
INS05	R	Benefit Status Code	"A" "C"	Active COBRA	1/1
INS06			NOT USED		
INS07			NOT USED		
INS08			NOT USED		
INS09	S	Student Status Code	"F" "N" "P"	Full-time Not a Student Part-time	1/1
INS10	S	Handicap Status Indicator	"Y" "N"	Yes, handicapped No, not handicapped	1/1
INS11			NOT USED		
INS12			NOT USED		
INS13			NOT USED		
INS14			NOT USED		

REF – Reference Identification (Subscriber Number)

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 2000

Example:
REF*OF*999887777-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
REF01	R	Reference ID Qualifier	“OF”	Subscriber Number Qualifier	2/2
REF02	R	Reference Identification		Subscriber Social Security Number	9/9

COMMENT: The social security must be 9 numeric digits. Alpha characters are not expected within the social security number REF02 field.

REF – Reference Identification (Subscriber Group Number)

Usage : Situational (This segment is required if the REF*1L segment is not sent in the HD loop)
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 2000

Example:
REF*1L*10030001-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
REF01	R	Reference ID Qualifier	"1L"	Group Number	2/2
REF02	R	Reference Identification		Group Number	1/50

COMMENT: The Group Number might be an alpha-numeric string assigned by the Employer, or it might be a DDI assigned group number (e.g., 10010011).

REF – Reference Identification (Alternate ID)

Usage : Situational (Provide this information if available)

Segment Max Use

Within Loop : 1

Loop Repeat : 1

Loop ID : 2000

Example:

REF*ZZ*994120000-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
REF01	R	Reference ID Qualifier	“ZZ”	Mutually Defined	2/2
REF02	R	Reference Identification		Alternate ID	9/9

COMMENT: The Alternate ID (assigned by DDI) must be 9 numeric digits. Alpha characters are not expected within the Alternate ID REF02 field.

DTP – Member Level Dates (Employment Date/Hire Date)

Usage : Conditional (see comment)

Segment Max Use

Within Loop : 1

Loop Repeat : 1

Loop ID : 2000

Example:

DTP*336*D8*19980301-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
DTP01	R	Date/Time Qualifier	“336”	Employment Begin	3/3
DTP02	R	Date Time Period Format Qualifier	“D8”	Date expressed in Format CCYYMMDD	2/2
DTP03	R	Date Time Period		Expression of Date as CCYYMMDD	8/8

COMMENT: Segment is required if **INS02 = “018”**, the segment is not sent for non-subscriber INS loops.

NM1 – Member Name (Subscriber or Dependent Name and SSN)

Usage : Mandatory
 Segment Max Use : 1
 Within Loop : 1
 Loop Repeat : 1
 Loop ID : 2100A

Example:

NM1*IL*1*DOE*JOHN*MAYNARD***34*111223333-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
NM101	R	Entity Identifier Code	"IL"	Subscriber / Dependent	2/2
NM102	R	Entity Type Qualifier	"1"	Person (signifies this is a person)	1/1
NM103	R	Last Name			1/60
NM104	R	First Name			1/35
NM105	S	Middle Name			1/25
NM106		NOT USED			
NM107		NOT USED			
NM108	S	Identification Code Qualifier	"34"	SSN Qualifier	2/2
NM109	S	Identification Code		Subscriber / Dependent SSN	9/9

COMMENT: NM108 and NM109 should be populated if the subscriber SSN was not supplied in the earlier REF*0F segment. If the SSN is available for dependents, the SSN should be supplied.

COMMENT: The social security must be 9 numeric digits. Alpha characters are not expected within the social security number REF02 field.

PER – Personal Contact Information

Usage : Optional
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 2100A

Example:

PER*IP**EM*JERRY.CUSTOMER@EXAMPLE.COM*TE*2081749334

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
PER01	S	Person Type	"IP"	Insured Party	2/2
PER02	S	Not Used			0/0
PER03	S	Contact Info Type	"TE" "EM"	Telephone Number Email Address	2/2 2/2
PER04	S	Contact Information		Either a telephone number or an email address, as per the PER03 element	0/100
PER05	S	Contact Info Type	"TE" "EM"	Telephone Number Email Address	2/2 2/2
PER06	S	Contact Information		Either a telephone number or an email address, as per the PER05 element	0/100

COMMENT: Phone numbers should be digits-only; no dashes, parentheses, or any other punctuation. While the field may be up to 100 characters long for email addresses, only the first 20 digits of a phone number will be saved.

N3 – Address Information (Subscriber Address)

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 2100A

Example:
N3*123 ANY STREET*APT A-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
N301	R	Address Information		Address Line 1	1/55
N302	S	Address Information		Address Line 2	1/55

COMMENT: The segment is required for subscribers and optional for dependents.

N4 – Geographic Location (Subscriber City, State, Zip)

Usage : Mandatory
 Segment Max Use
 Within Loop : 1
 Loop Repeat : 1
 Loop ID : 2100A

Example:
 N4*NAMPA*ID*837061234-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
N401	R	City Name		Free Form Text of City	2/30
N402	R	State or Province Code		Code (Standard State/Province) as defined by appropriate government agency. See Appendix A .	2/2
N403	R	Postal Code		Zip Code	5/15
N404	S	Country Code	NOT USED		3/3
COMMENT: The segment is mandatory for subscribers and optional for dependents.					
N405	S		NOT USED		2/2
N406	S		NOT USED		1/30
N407	S		NOT USED		1/3

DMG – Demographic Information (Subscriber or Dependent)

Usage : Mandatory
 Segment Max Use : 1
 Within Loop : 1
 Loop Repeat : 1
 Loop ID : 2100A

Example:
 DMG*D8*19750520*F-
 DMG*D8*20041206*M-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
DMG01	R	Date Time Period Format Qualifier	"D8"		2/2
DMG02	R	Date Time Period		Birth Date expressed as CCYYMMDD	8/8
DMG03	R	Gender Code	"F" "M" "O"	Female Male Other	1/1

COMMENT: The segment is mandatory for subscribers and dependents.

DMG04			NOT USED		
DMG05			NOT USED		
DMG06			NOT USED		
DMG07			NOT USED		
DMG08			NOT USED		
DMG09			NOT USED		
DMG10			NOT USED		
DMG11			NOT USED		

HD – Health Coverage

Usage : Mandatory
 Segment Max Use :
 Within Loop : 1
 Loop Repeat : 1
 Loop ID : 2300

Example:
 HD*001**DEN-
 HD*021**DEN*30-
 HD*024**DEN*30-
 HD*030**DEN-

Element	Usage	Name	Values	Description	Min/Max Length
HD01	R	Maintenance Type Code	"001" Change "021" Addition "024" Termination "030" Audit/Compare		3/3
HD02		NOT USED			
HD03	R	Insurance Line Code	"DEN" Dental		3/3
HD04	S	Plan Coverage Description		Plan Coverage Description	1/50

COMMENT: Use this element when additional information is needed by the insurer to describe the exact type of coverage being provided. If required by an insurer, this information must be included. The insurer establishes the content of this element in the trading partner agreement.

HD05			NOT USED		
HD06			NOT USED		
HD07			NOT USED		
HD08			NOT USED		
HD09			NOT USED		

DTP – Member Level Dates (Benefit Begin)

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 2000

Example:
DTP*348*D8*20000815-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
DTP01	R	Date/Time Qualifier	“348”	Benefit Begin	3/3
DTP02	R	Date Time Period Format Qualifier	“D8”	Date expressed in Format CCYYMMDD	2/2
DTP03	R	Date Time Format		Expression of Date as CCYYMMDD	8/8

DTP – Member Level Dates (Benefit End)

Usage : Situational
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : 2000

Example:
DTP*349*D8*20100515-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
DTP01	R	Date/Time Qualifier	“349”	Benefit End	3/3
DTP02	R	Date Time Period Format Qualifier	“D8”	Date expressed in Format CCYYMMDD	2/2
DTP03	R	Date Time Format		Expression of Date as CCYYMMDD	8/8

REF – Health Coverage Policy (Subscriber Group Number)

Usage : Situational (This Element is required if the REF*1L Element is not sent in the INS loop)
 Segment Max Use : 1
 Within Loop : 1
 Loop Repeat : 1
 Loop ID : 2300

Example:
 REF*1L*10030001-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
REF01	R	Reference ID Qualifier	"1L"	Group Number	2/2
REF02	R	Reference Identification		Group Number	1/50

COMMENT: The Group Number might be an alpha-numeric string assigned by the Employer, or it might be a DDI assigned group number (e.g., 10010011).

REF03			NOT USED		
REF04			NOT USED		

SE – Transaction Set Trailer

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : NONE
Loop ID : NONE

Example:
SE*19*12345-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
SE01	R	Number of Elements Included		Total number of Elements included in a transaction set including ST and SE	1/10
SE02	R	Transaction Set Control Number		4 to 9 digit control number. Must match Transaction Set Control Number in ST02 .	4/9

GE – Functional Group Trailer

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : NONE

Example:

GE*1*000000001-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
GE01	R	Number of Transaction		Total number of transaction sets included in the functional group.	1/10
GE02	R	Transaction Set Control Number		1 to 9 digit control number. Must match Functional Group Control Number in GSO6 .	1/9

IEA – Interchange Control Trailer

Usage : Mandatory
Segment Max Use
Within Loop : 1
Loop Repeat : 1
Loop ID : NONE

Example:

IEA*1*000000001*-

<u>Element</u>	<u>Usage</u>	<u>Name</u>	<u>Values</u>	<u>Description</u>	<u>Min/Max Length</u>
IEA01	R	Number of Included Functional Groups		Total number of functional groups included in the Interchange.	1/10
IEA02	R	Interchange Control Number		9 digit control number. Must match Interchange Control Number in ISA13 .	9/9

834 Transaction Example

Scenario #1

Company 1 is sending a change for a covered subscriber and dependents. For purposes of this example, company 1 has 1 employee with a spouse. They are changing their address.

Shown in the example is the following:

Subscriber John Paul Doe, DOB June 10 1940, SSN = 111223333, Alternate ID = 994011234, Hired on July 18, 2009, Benefit begin Date for Eligibility is August 1 2009 belongs to DDI group 10010001. Spouse is Jane M Doe, DOB July 15 1945, SSN=111224444, Benefit begin Date for Eligibility is March 1 2010.

NOTE: This example is shown with line breaks for readability. DDI prefers 834 documents without line breaks.

```
ISA*00*AUTH-NONE1*00*AUTH-NONE1*20*820483742    *ZZ*DDID
*O91201*1449*U*00501*000000254*1*P*:-
GS*HC*820483742*DDID*20090801*1449*254*X*005010X220-
ST*834*0001*005010X220-
BGN*00*111222*20091201*1449*MT***4-
N1*P5*COMPANY NAME*ZZ*820345678-
N1*IN*DELTA DENTAL*FI*DDID-
INS*Y*18*030*XN*A-
REF*OF*991132310-
REF*1L*1025360001-
DTP*336*D8*20040801-
NM1*IL*1*LASTNAME1*FIRSTNAME1****ZZ*991132310-
N3*1234 SOME AVE-
N4*CITY*ID*83607-
DMG*D8*19690824*F-
HD*030**DEN*DELTA DENTAL-
DTP*348*D8*20090401-
INS*Y*18*030*XN*A-
REF*OF*991132313-
REF*1L*1025360001-
DTP*336*D8*20070808-
NM1*IL*1*LASTNAME2*FIRSTNAME2****ZZ*991132313-
N3*456 NORTH SOME PLACE-
N4*CITY*ID*83737-
DMG*D8*19850213*F-
HD*030**DEN*DELTA DENTAL-
DTP*348*D8*20090401-
INS*Y*18*030*XN*A-
REF*OF*991139440-
REF*1L*1025360001-
DTP*336*D8*20090716-
NM1*IL*1*LASTNAME3*FIRSTNAME3****ZZ*991139440-
N3*23456 ANOTHER STREET-
N4*ANOTHER CITY*ID*83685-
DMG*D8*19600512*F-
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DTP*348*D8*20091101-
SE*49*0001-
GE*1*254-
IEA*1*000000254-
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APPENDIX A

US STATE/TERRITORY CODES

AK - ALASKA
AL - ALABAMA
AR - ARKANSAS
AS - AMERICAN SAMOA
AZ - ARIZONA
CA - CALIFORNIA
CO - COLORADO
CT - CONNECTICUT
DC - DISTRICT OF COLUMBIA
DE - DELAWARE
FL - FLORIDA
FM - MICRONESIA
GA - GEORGIA
GU - GUAM
HI - HAWAII
IA - IOWA
ID - IDAHO
IL - ILLINOIS
IN - INDIANA
KS - KANSAS
KY - KENTUCKY
LA - LOUISIANA
MA - MASSACHUSETTS
MD - MARYLAND
ME - MAINE
MH - MARSHALL ISLANDS
MI - MICHIGAN
MN - MINNESOTA
MO - MISSOURI
MP - NORTHERN MARIANA ISLANDS
MS - MISSISSIPPI
MT - MONTANA
NC - NORTH CAROLINA
ND - NORTH DAKOTA
NE - NEBRASKA
NH - NEW HAMPSHIRE
NJ - NEW JERSEY
NM - NEW MEXICO
NV - NEVADA
NY - NEW YORK
OH - OHIO
OK - OKLAHOMA
OR - OREGON
PA - PENNSYLVANIA
PR - PUERTO RICO
PW - PALAU
RI - RHODE ISLAND
SC - SOUTH CAROLINA
SD - SOUTH DAKOTA
TN - TENNESSEE
TX - TEXAS
UT - UTAH
VA - VIRGINIA
VI - VIRGIN ISLANDS
VT - VERMONT
WA - WASHINGTON
WI - WISCONSIN
WV - WEST VIRGINIA
WY - WYOMING

APPENDIX A (continued)

CANADIAN PROVINCE CODES

AB - ALBERTA
BC - BRITISH COLUMBIA
LB - LABRADOR
MB - MANITOBA
NB - BRUNSWICK
NF - NEWFOUNDLAND
NS - NOVA SCOTIA
NT - NORTHWEST TERRITORIES
ON - ONTARIO
PE - PRINCE EDWARD ISLAND
QC - QUEBEC
SK - SASKATCHEWAN
YT - YUKON TERRITORY