HOUSEHOLDER DATA TECHNICAL SPECIFICATIONS

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INTRODUCTION

Householder Data provides users with the number of apartments, businesses, farms and houses served by Canada Post Corporation's various delivery modes, anywhere in Canada.

By using this data, mailers may determine their volume and distribution requirements for Unaddressed Admail mailings for Urban and Rural delivery installations.

GENERAL SPECIFICATIONS

Media

The Householder Data is provided in ASCII character set, with the volume image in ISO 9660 format (standard for CD-ROM).

The Householder Data can also be downloaded from the Canada Post FTP site (ASCII character set).

FILE DESCRIPTION

The Householder Data Product contains one file. This file provides Consumers' Choice counts and Total Points of Call counts for all urban and rural delivery installations in Canada.

FILE SPECIFICATIONS

Householder File

Logical record length:	176 characters
CD-ROM Record format:	Terminated with CRLF
CD-ROM File name:	HOUSE.TXT

TECHNICAL SPECIFICATIONS

Householder File
All fields are alpha-numeric, and the sort order and record types are displayed below.

Sort Order
Province Code
Postal Delivery Area Name
Delivery Installation Name
Record Type Code
Delivery Mode

Note: Only record types 2 and 4 contain Delivery Mode information. Record types 1 and 3 are delivery installation addresses for record types 2 and 4.

Record Types
Blank   -   Header Record (first record on file)
1   -   Urban Delivery Installation Address Record
2   -   Urban Delivery Mode Record
3   -   Rural Delivery Installation Address Record
4   -   Rural Delivery Mode Record

RECORDS DESCRIPTIONS

Header Record

This record contains the effective date and the expiry date for the information contained on the file.

Description	Starting Position	Length
Filler	1	100
Effective Date of Restructure Implementation	101	8
Expiry Date	109	8
Filler	117	60

Note: Refer to "Valid for Mailing Date Schedule" provided annually.

Delivery Installation Address Record

(Record types 1 and 3)

The following records contain the street addresses for all urban installations and any rural installations for which this information is relevant.

Description	Starting Position	Length
Province Code	1	2
Postal Delivery Area Name	3	30
Delivery Installation Area Name	33	30
Delivery Installation Type Description	63	5
Delivery Installation Qualifier Name	68	15
Record Type Code	83	1
Filler	84	21
Delivery Installation Postal Code	105	6
Street Address Number	111	6
Street Address Number Suffix Code	117	1
Street Name	118	30
Street Type Code	148	6
Street Direction Code	154	2
Suite Number	156	6
Delivery Installation Telephone Number	162	10
Filler	172	5

Delivery Mode Record (Record types 2 and 4)

The following records contain the number of houses, apartments, farms and businesses for both Consumers' Choice and Total Points of Call served by the delivery mode.

Description	Starting Position	Length
Province Code	1	2
Postal Delivery Area Name	3	30
Delivery Installation Area Name	33	30
Delivery Installation Type Description	63	5
Delivery Installation Qualifier Name	68	15
Record Type Code	83	1
Delivery Mode Type	84	2
Delivery Mode Identifier	86	4
Delivery Installation Abbreviated Name	90	15
Delivery Installation Postal Code	105	6
FSA Code	111	3
Apartment Consumers' Choice Count	114	7
Business Consumers' Choice Count	121	7
Farm Consumers' Choice Count	128	7
House Consumers' Choice Count	135	7
Split FSA Indicator	142	1
Split Delivery Mode Indicator	143	1
Apartment Total Points of Call Count	144	7
Business Total Points of Call Count	151	7
Farm Total Points of Call Count	158	7
House Total Points of Call Count	165	7
Demand Route Indicator	172	2
Filler	174	3

DATA DICTIONARY – ELEMENT DESCRIPTIONS

Following is a listing of all record elements for all record types within the Record Descriptions. Each element will include a brief definition and valid codes where applicable.

Elements

Apartment Consumers' Choice Count	The number of apartments served by a delivery mode where consumers wish to receive unaddressed admail.
Apartment Total Points of Call Count	The number of apartments served by a delivery mode.
Business Consumers' Choice Count	The number of business customers served by a delivery mode where consumers wish to receive unaddressed mail.
Business Total Points of Call Count	The number of business customers served by a delivery mode.
Delivery Installation Abbreviated Name	An abbreviated name of a postal facility that provides delivery services.
Delivery Installation Area Name	The name of a village, town, municipality, city or metropolitan area which forms part of a delivery installation name.
Delivery Installation Name	The name of a postal facility which provides delivery services, composed of: delivery installation area name, delivery installation type description, and delivery installation qualifier name.
Delivery Installation Postal Code	The Postal Code identifies a specific delivery installation.
Delivery Installation Qualifier Name	When more than one delivery installation serves an area described by the delivery installation area name, the qualifier name identifies the portion of the area served by the installation.
Delivery Installation Telephone Number	The area code and telephone number of the delivery installation.

Delivery Installation Type Description	The category of delivery installation. The valid values are: BDP = Bureau De Poste CC = Concession Commerciale CDO = Commercial Dealership Outlet CMC = Community Mail Center CPC = Centre Postal Communautaire CSP = Comptoir Service Postal LCD = Letter Carrier Depot PDF = Poste De Facteurs PO = Post Office RPO = Retail Postal Outlet STN = Station SUCC = Succursale
Delivery Mode	The urban or rural mode of delivery comprising a Delivery Mode Type and a Delivery Mode Identifier.
Delivery Mode Identifier	The second part of the delivery mode, uniquely identifying each occurrence of the Delivery Mode Type within the delivery installation.
Delivery Mode Type	The first part of the Delivery Mode, identifying the type of delivery service. CF = Call For DR = Direct GD = General Delivery LB = Lock Box LC = Letter Carrier MR = Mobile Route RR = Rural Route SS = Suburban Service
Demand Route Indicator	Indicates the demand classification of the route, i.e. whether the route is a high demand route. Valid values for this field are: null = Normal Route HD = High Demand Route
Effective Date of Restructure Implementation	The date, in YYYYMMDD format, on which the counts listed for delivery modes become effective.
Expiry Date	The date, in YYYYMMDD format, on which the counts listed for delivery modes become obsolete.
Farm Consumers' Choice Count	The number of farms served by a delivery mode where consumers wish to receive unaddressed mail.

Farm Total Points of Call Count	The number of farms served by a delivery mode.
FSA Code	The FSA comprises the first three characters of a Postal Code. This field is blank for rural postal codes.
House Consumers' Choice Count	The number of houses served by a delivery mode where consumers wish to receive unaddressed mail.
House Total Points of Call Count	The number of houses served by a delivery mode.
Postal Delivery Area Name	The name of a village, town, city or metropolitan area which is served by a postal delivery installation.
Province Code	An alphabetic code listing the province or territory's position geographically. The valid values are: NL = Newfoundland and Labrador NS = Nova Scotia PE = Prince Edward Island NB = New Brunswick QC = Quebec ON = Ontario MB = Manitoba SK = Saskatchewan AB = Alberta BC = British Columbia NT = Northwest Territories YT = Yukon NU = Nunavut
Record Type Code	A code distinguishing installation address records from delivery mode (count) records in both urban and rural situations. Blank = Header Record (first record on file) 1 = Urban delivery installation address record 2 = Urban delivery mode record 3 = Rural delivery installation address record 4 = Rural delivery mode record

Split Delivery Mode Indicator	An indication that counts for the delivery mode are not completely found on the current detail record. Possible values: Blank – the delivery mode occurs only in this FSA. * - the delivery mode occurs in another FSA Code.
Split FSA Indicator	An indication that counts for the FSA are not completely found on the current detail record. Possible values: Blank – the delivery mode occurs only in this FSA. * - the delivery mode occurs in another FSA Code.
Street Address Number *	The address number portion of a municipal street address of a delivery installation.
Street Address Number Suffix Code *	The address suffix associated with the street address number of a delivery installation address. Examples of street numbers with suffixes are 14½ and 22B. A numeric value denotes a fractional suffix. Fractional code valid values: 1 = ¼ 2 = ½ 3 = ¾ A through Z equals A through Z respectively.
Street Direction Code *	The street direction component of an official street name. The valid Street Direction Code values are: Space N = North/Nord S = South/Sud E = East/Est W = West O = Ouest NE = Northeast/Nord-est NW = Northwest NO = Nord-ouest SE = Southeast/Sud-est SW = Southwest SO = Sud-ouest
Street Name *	The official civic name or a roadway or artery.

Street Type Code *	The official description used to identify the type of artery or roadway. The valid values are space, or:	
	Abbey	ABBEY
	Acres	ACRES
	Allée	ALLÉE
	Alley	ALLEY
	Autoroute	AUT
	Avenue (English)	AVE
	Avenue (French)	AV
	Bay	BAY
	Beach	BEACH
	Bend	BEND
	Boulevard (English)	BLVD
	Boulevard (French)	BOUL
	By-Pass	BYPASS
	Byway	BYWAY
	Campus	CAMPUS
	Cape	CAPE
	Carré	CAR
	Carrefour	CARREF
	Centre (English)	CTR
	Centre (French)	C
	Cercle	CERCLE
	Chase	CHASE
	Chemin	CH
	Circle	CIR
	Circuit	CIRCT
	Close	CLOSE
	Common	COMMON
	Concession	CONC
	Corners	CRNRS
	Côte	CÔTE
	Cour	COUR
	Cours	COURS
	Court	CRT
	Cove	COVE
	Crescent	CRES
	Croissant	CROIS
	Crossing	CROSS
	Cul-de-sac	CDS
	Dale	DALE
	Dell	DELL
	Diversion	DIVERS
	Downs	DOWNS
	Drive	DR
	Échangeur	ÉCH
	End	END
	Esplanade	ESPL
	Estates	ESTATE

	Expressway	EXPY
	Extension	EXTEN
	Farm	FARM
	Field	FIELD
	Forest	FOREST
	Freeway	FWY
	Front	FRONT
	Gardens	GDNS
	Gate	GATE
	Glade	GLADE
	Glen	GLEN
	Green	GREEN
	Grounds	GRNDS
	Grove	GROVE
	Harbour	HARBR
	Heath	HEATH
	Heights	HTS
	Highlands	HGHLDS
	Highway	HWY
	Hill	HILL
	Hollow	HOLLOW
	Île	ÎLE
	Impasse	IMP
	Inlet	INLET
	Island	ISLAND
	Key	KEY
	Knoll	KNOLL
	Landing	LANDNG
	Lane	LANE
	Limits	LMTS
	Line	LINE
	Link	LINK
	Lookout	LKOUT
	Loop	LOOP
	Mall	MALL
	Manor	MANOR
	Maze	MAZE
	Meadow	MEADOW
	Mews	MEWS
	Montée	MONTÉE
	Moor	MOOR
	Mount	MOUNT
	Mountain	MTN
	Orchard	ORCH
	Parade	PARADE
	Parc	PARC
	Park	PK

	Parkway	PKY
	Passage	PASS
	Path	PATH
	Pathway	PTWAY
	Pines	PINES
	Place (English)	PL
	Place (French)	PLACE
	Plateau	PLAT
	Plaza	PLAZA
	Point	PT
	Pointe	POINTE
	Port	PORT
	Private	PVT
	Promenade	PROM
	Quai	QUAI
	Quay	QUAY
	Ramp	RAMP
	Rang	RANG
	Range	RG
	Ridge	RIDGE
	Rise	RISE
	Road	RD
	Rond point	RDPT
	Route	RTE
	Row	ROW
	Rue	RUE
	Ruelle	RLE
	Run	RUN
	Sentier	SENT
	Square	SQ
	Street	ST
	Subdivision	SUBDIV
	Terrace	TERR
	Terrasse	TSSE
	Thicket	THICK
	Towers	TOWERS
	Townline	TLINE
	Trail	TRAIL
	Turnabout	TRNABT
	Vale	VALE
	Via	VIA
	View	VIEW
	Village	VILLGE
	Villas	VILLAS
	Vista	VISTA
	Voie	VOIE
	Walk	WALK
	Way	WAY
	Wharf	WHARF
	Wood	WOOD

	Wynd	WYND
Suite Number *	The number or alphabetic code qualifier of a street number of a delivery installation address.	

Removing Demand Route Indicator

In order to return the file to its form prior to introduction of "Demand Route Indicator" the values within this field ("HD") must be replaced with two space characters. This can be accomplished via any basic text editor with support for replace.

* For more information on addressing, call 1 800 363-3459 to obtain
a free copy of the Canadian Addressing Guide or visit our web site at www.canadapost.ca