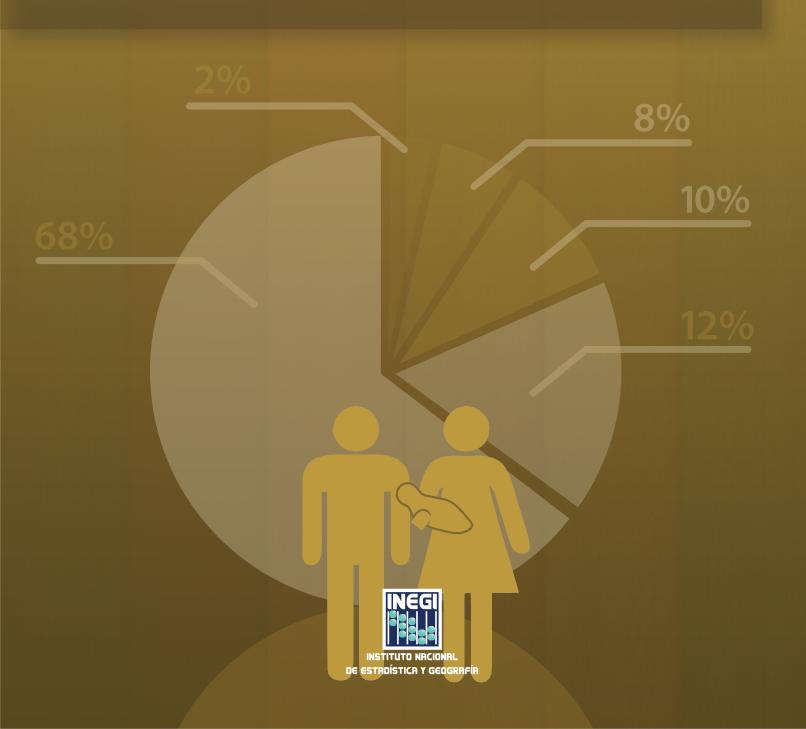
Birth statistics Description of the database



INEGI. Statistics on births. Description of the database. 2013.

Presentation

The National Institute of Statistics and Geography (INEGI) makes available the document Statistics of births Description of the database statistical year 2009, which provides a guide containing the names of fields, types of data and range of values, as well as the catalog that relates to the geographic variables.

It also provides users with useful information for the analysis of microdata and constitutes a basic element that allows us to understand the dynamics and demographic characteristics of the resident population in Mexico.

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Introduction

This guide has been prepared as a reference and support document that describes how the birth statistics database is put together.

The content is organized in two chapters, which are described below.

The first provides a general overview of the characteristics of the database, its objective, background, conformation, followed by all those conceptual elements that allow a better understanding of it.

The second presents the descriptions of the tables that make up the database, the attributes of the variables contained in them and the catalog required for their interpretation.

1. Characteristics of the database

1.1 Target

Birth statistics are a basic element for analyzing the demographic situation of a country, which contributes to social development planning. **INEGI** presents information from the exploitation of administrative records collected by the **Civil Registry.**

The database of this vital fact aims to offer useful and accessible microdata to students, researchers, authorities and the general public, to meet the needs of demographic information from administrative records. It includes the variables that are captured in this statistic.

The information is presented by state and municipality and refers to three geographical areas:

- Place of registration
- Place of occurrence
- Mother's usual place of residence

1.2 Background

Births have been part of the vital statistics since 1893, which also include statistics related to marriages, divorces, general deaths and fetal deaths generated from the administrative records of various public institutions.

Birth statistics provide important elements that contribute to the knowledge of the fertility of a population, for which this information must be of sufficient quantity and quality to be able to quantify the phenomenon and know its behavior in order to explain it. In the case of our country, we have databases for this statistic since 1985. For this reason, it is necessary that all births are registered in a timely manner and that the information on live births declared by their parents is accurate, so that after an adequate processing of the information, it can be presented to users in a timely and accessible manner. For previous years, the **Institute has** information available in various printed media.

The input to generate the statistics are the birth certificates issued by the Civil Registry in the national territory, including those issued by the consular representations of the Mexican Foreign Service.

Therefore, it considers the records of the facts that come from the entire population residing in the country and of Mexican nationality residing or in transit abroad.

For the purposes of international comparison, in addition to the Institute's own normative, conceptual and procedural documents, the document Principles and Recommendations for a UN System of Vital Statistics is used.

The time reference of the statistics is by year of registration, therefore it includes births that occurred in previous years and were registered in the year referred to, as well as those that occurred and were registered in the year of reference.

1.3 Obtaining information

Three moments are required to be covered:

- 1. The informant sources deliver monthly to the Institute's state coordinating offices the information on the birth statistics registered the previous month.
- 2. The state coordinating offices, after reviewing the integrity of the information, begin its manual treatment (registration, lotification, critical-coding and foliation) and send it to the Institute's regional directorates to apply the electronic treatment (capture, processing and issuance of preliminary results) of the information.
- 3. The regional directorates send the state files of birth statistics to the Institute's central office for national integration and dissemination of results.

1.4 C onformation of the database

It consists of a data table with standardized **.dbf** format in which the information obtained from the birth certificate required by the Civil Registry is distributed. It can be visualized by any database management system .

1.4.1 Table (data file)

The **NACIM09.dbf** table contains the microdata concerning the vital event of births, as well as 41 variables included, of which 40 are obtained from the birth certificate and one is calculated.

1.4.2 Units of analysis

For this statistic, the following are considered:

- State where the vital event occurs
- State where the vital event occurs
- State of mother's habitual residence

2. Database content

This chapter provides a general description of the table and the meaning of each code present in the microdata.

2.1 List of variables

It details the variables included: the number it occupies in the table, its mnemonic, its description as well as the type of data (N = numeric) and its length.

Table NACIM09.dbf

# and	# Variable DescriptionTyp		
1	Ent_regis	Entity of record	N (2)
2	Mun_regis	Municipality of registration	N (3)
3	Tloc_regis	Size of registration location	N (2)
4	Ent_resid	Entity of residence	N (2)
5	Mun_resid	Municipality of residence	N (3)
6	Tloc_resid	Size of town of residence	N (2)
7	Ent_ocurr	Entity of occurrence	N (2)
8	Mun_ocurr	Municipality of occurrence	N (3)
9	Tloc_ocurr	Size of locality of occurrence	N (2)
10	Sex	Sex of registrant	N (1)
11	Age_reg	Age of registrant	N (2)
12	Age_madn	Mother's age at birth	N (2)
13	Age_padn	Father's age at birth	N (2)
14	Dia_nac	Day of birth	N (2)
15	Mes_nac	Month of birth	N (2)
16	Ano_nac	Year of birth	N (4)
17	Dia_reg	Registration day	N (2)
18	Mes_reg	Month of registration	N (2)
19	Ano_reg	Year of registration	N (4)
20	Age_mom	Mother's age at registration	N (2)
21	Parent_age	Father's age at registration	N (2)
22	Type_nac	Type of birth	N (1)
23	Order_part	Order of delivery	N (2)
24	Place_part	Place of delivery	N (1)
25	Q_attendance	Who attended	N (1)
26	Live_children	Living children	N (2)
27	Sons_sober	Surviving children	N (2)
28	Edociv_mad	Mother's marital status	N (1)
29	Escol_mad	Mother's schooling	N (1)
30	School_pad	Father's schooling	N (1)
31	Act_mad	Mother's activity status	N (1)
32	Act_pad	Father's activity status	N (1)

# and leng	# Variable DescriptionType and length		
33	Pos_mad	Mother's job position	N (1)
34	Pos_pad	Father's job position	N (1)
35	Sitlab_mad	Mother's employment status	N (1)
36	Sitlab_pad	Father's employment status	N (1)
37	It_was_prese	Survival condition	N (1)
38	Time_nac	Time of birth	N (2)
39	Minute_nac	Minute of birth	N (2)
40	Compare	Appeared	N (1)
41	Dis_re_oax	Oaxaca Registration District	N (3)

2.2 Description of variables

It presents each variable in the form of a card and considers: the number it occupies in the table; its mnemonic; the type of data (N = numeric) and its length; the range of values it takes; its description; the origin, since they are variables from the birth certificate or may be a calculated variable; the list of values it takes in each case, as well as some precisions for the management of the information.

Table NACIM09.dbf

#1 Ent_regis		
Type and length	N (2)	
Range	{1 32}	
Description	Entity where the birth of the registrant was registered.	
Origin	Birth certificate	
To know the value a	To know the value and the label relate to ENTMUN.dbf catalog Relationship	
condition : Ent_regis with Cve_ent		
Note: the geographic data of the NACIM 09.dbf table are numeric type and the data of the ENTMUN.dbf table are character type, missing positions are filled with zeros.		

# 2 Mun_regis		
Type and length	N (3)	
Range	{1 570}	
Description	Municipality where the birth of the person being registered was registered.	
Origin	Birth certificate	
To know the value a	To know the value and the label relate to ENTMUN.dbf catalog Relationship	
condition : Ent_regis + Mun_regis with Cve_ent + Cve_mun		
Note: the geographic data of the NACIM 09.dbf table are numeric type and the data of the ENTMUN.dbf table are character type, missing positions are filled with zeros.		

# 3 Tloc_regis	
Type and length	N (2)
Range	{1 17, 99}
Description	It groups localities that have the same range of inhabitants where the birth of the person who registered was registered.
Origin	Birth certificate
Value	Label
2 F F S S S S S S S S S S S S S S S S S	From 1 to 999 From 1,000 to 1,999 From 2,500 to 2,499 From 5,000 to 9,999 From 15,000 to 19,999 From 15,000 to 19,999 From 30,000 to 39,999 From 30,000 to 39,999 From 50,000 to 74,999 From 50,000 to 74,999 From 75,000 to 99,999 From 100,000 to 249,999 250,000 to 499,999 From 100,000 to 249,999 From 1'000,000 to 1'499,999 From 1'000,000 to 1'499,999 I'500,000 and over Not specified

# 4 E nt_resid		
Type and length	Type and length N (2)	
Range	{1 35, 99}	
Description	Description Entity where the mother is domiciled at the time of issuance of the birth certificate of the child she registered.	
Origin	Birth certificate	

To know the value and the label relate to ENTMUN.dbf catalog Relationship

condition : Ent_resid with Cve _ent

Note: the geographic data of the **NACIM 09.dbf** table are numeric type and the data of the **ENTMUN.dbf** table are character type, missing positions are filled with zeros.

# 5 Mun_resid		
Type and length	Type and length N (3)	
Range	{1 570, 999}	
Description	Description Municipality where the mother is domiciled at the time of issuing the birth certificate of the child she registered.	
Origin	Birth certificate	

To know the value and the label relate to ENTMUN.dbf catalog Relationship

condition : Ent_resid + Mun_resid with Cve_ent + Cve_mun

Note: the geographic data of the **NACIM 09.dbf** table are numeric type and the data of the **ENTMUN.dbf** table are character type, missing positions are filled with zeros.

# 6 Tloc_resid			
Type and length	N (2)		
Range	{1 17, 99}		
Description	Groups localities that have the same range of inhabitants where the mother has her domicile at the moment of issuing the birth certificate of the child she registered.		
Origin	Birth certificate		
Value	Label		
1	From 1 to 999		
2	From 1,000 to 1,999		
3	From 2,000 to 2,499		
4	From 2,500 to 4,999		
5	From 5,000 to 9,999		
6	From 10,000 to 14,999		
7	From 15,000 to 19,999		
8	20,000 to 29,999		
9	From 30,000 to 39,999 inhabitants		
10	40,000 to 49,999		
11	From 50,000 to 74,999		
12	From 75,000 to 99,999		
13	From 100,000 to 249,999		
14	250,000 to 499,999		
15	500,000 to 999,999		
16	From 1'000,000 to 1'499,999		
17	1'500,000 and over		
99	Not specified		

#7 E nt_ocurr	
Type and length	N (2)
Range	{1 35, 99}
Description	Federal state where the person who registered was born. Includes those born abroad with Mexican nationality. Therefore, it corresponds to the moment of birth.
Origin	Birth certificate

To know the value and the label relate to ENTMUN.dbf catalog Relationship

condition : Ent_ocurr with Cve _ent

Note: the geographic data of the **NACIM 09.dbf** table are numeric type and the data of the **ENTMUN.dbf** table are character type, missing positions are filled with zeros.

# 8 Mun_ocurr		
Type and length	Type and length N (3)	
Range	{1 570, 999}	
Description	Municipality where the registrant was born. Includes those born abroad with Mexican nationality. Therefore, it corresponds to the moment of birth.	
Origin	Birth certificate	

To know the value and the label relate to ENTMUN.dbf catalog Relationship

condition : Ent_ occur + Mun_ocurr with Cve _ent + Cve_mun

Note: the geographic data of the **NACIM 09.dbf** table are numeric type and the data of the **ENTMUN.dbf** table are character type, missing positions are filled with zeros.

#9Tloc_ocurr		
Type and length	N (2)	
Range	{1 17, 99}	
Description	Groups localities that have the same range of inhabitants where the person who registered was born. Includes those born abroad with Mexican nationality. Therefore, it corresponds to the moment of birth.	
Origin	Birth certificate	
Value	Label	
1	From 1 to 999	
2	From 1,000 to 1,999	
3	From 2,000 to 2,499	
4	From 2,500 to 4,999	
5	From 5,000 to 9,999	
6	From 10,000 to 14,999	
7	From 15,000 to 19,999	
8	20,000 to 29,999	
9	From 30,000 to 39,999 inhabitants	
10	40,000 to 49,999	
11	From 50,000 to 74,999	
12	From 75,000 to 99,999	
13	From 100,000 to 249,999	
14	250,000 to 499,999	
15	500,000 to 999,999	
16	From 1'000,000 to 1'499,999	
17	1'500,000 and over	
99	Not specified	

# 10 S exo	
Type and length	N (1)
Range	{1, 2, 9}
Description	Biological condition that distinguishes people into men and women.
Origin	Birth certificate
Value	Label
1	Man
2	Woman
	9Not specified

# 11 E dad_reg		
Type and length	N (2)	
Range	{1 99}	
Description	Age of the registrant at the time the birth certificate is issued.	
Origin	Calculated variable	
	Date of registration minus date of birth	
Value	Label	
1		
	years	
97	J	
98	Less than one year old	
99	Not specified	

# 12 E dad_madn	
Type and length	N (2)
Range	{10 50, 99}
Description	Mother's age attained on the date of birth of the child being registered.
Origin	Birth certificate
Value	Label
10	7
	years
50 <u> </u>	99Not specified

#13 E dad_padn		
Type and length	N (2)	
Range	{12 75, 99}	
Description	Father's full age at the date of birth of the child being registered.	
Origin	Birth certificate	
Value	Label	
12	<u> </u>	
	years	
75		
	99Not specified	

# 14 Dia_nac	# 14 Dia_nac	
Type and length	N (2)	
Range	{1 31, 99}	
Description	Day on which the vital event occurred.	
Origin	Birth certificate	
Value	Label	
1	<u> </u>	
calendar	day	
31 -		
9	99Not specified	

# 15 Mes_nac		
Type and length	N (2)	
Range	{1 12, 99}	
Description	Month in which the vital event occurred.	
Origin	Birth certificate	
Value	Label	
1	January	
2	February	
3	March	
4	April	
5	May	
6	June	
7	July	
8	August	
9	September	
10	October	
11	November	
12	December	
	99Not specified	

# 16 A no_nac	
Type and length	N (4)
Range	{1901 2009, 9999}
Description	Year in which the vital event occurred.
Origin	Birth certificate
1901)
	year
2009	J
9999Not specified	

# 17 Dia_reg	
Type and length	N (2)
Range	{1 31, 99}
Description	Day on which the birth certificate of the person being registered was issued.
Origin	Birth certificate
Value	Label
1 calendar 31	day OONlet provided
	99Not specified

# 18 Mes_reg		
Type and lengt	h	N (2)
Range		{1 12}
Description		Month in which the birth certificate of the person being registered was issued.
Origin		Birth certificate
Value		Label
1 2		nuary Druary
3	Ma	
4 5	April May	
6 7	June July	
8	August	
9	September	
10	October	
11	No	vember
12	12 December	

# 19 Ano_reg	
Type and length	N (4)
Range	{2009}
Description	Year in which the birth certificate of the person being registered was issued.
Origin	Birth certificate

# 20 E dad_madr	
Type and length	N (2)
Range	{10 99}
Description	Mother's age attained on the date the birth certificate of the child being registered was issued.
Origin	Birth certificate
Value	Label
10	<u></u>
	years
98	
	99Not specified

# 21 E dad_padr	
Type and length	N (2)
Range	{12 99}
Description	Father's age attained on the date the birth certificate of the child being registered was issued.
Origin	Birth certificate
Value	Label
12	7
 98	years
	99Not specified

# 22 Type_nac	
Type and length	N (1)
Range	{1, 2, 3, 9}
Description	Indicates whether the registrant was born from a single or multiple birth. The data refers to the time of birth.
Origin	Birth certificate
Value	Label
1	Simple
2	Double
3	Triple or more
	9Not specified

# 23 O rden_par t	
Type and length	N (2)
Range	{1 10, 99}
Description	Order of birth that the registered person occupies in relation to the total number of children had by the mother, regardless of whether they were born alive or dead. The data refers to the moment of birth.
Origin	Birth certificate
Value	Label
	order of delivery 010th delivery and more 9Not specified

# 24 L ugar_par t	
Type and length	N (1)
Range	{1 4, 9}
Description	Physical space where the birth of the person being registered took place. It therefore corresponds to the moment of birth.
Origin	Birth certificate
Value	Label
2 3 4	Official hospital or clinic Hospital or private clinic At your home Other 9Not specified

# 25 Q_attendance	
Type and length	N (1)
Range	{1 4, 9}
Description	Individual who assisted the mother during the birth at which the registered person was born. It therefore corresponds to the moment of birth.
Origin	Birth certificate
Value	Label
1 P	hysician
2 N	urse
3 N	lidwife
4 A	nother
9	Not specified

# 26 H ijos_vivo	
Type and length	N (2)
Range	{1 25, 99}
Description	Children born alive that the mother has had during her lifetime, regardless of whether they are alive or dead, whether they have been registered or not, and whether they live with the mother or not. In the case of multiple births, all children born alive from the same pregnancy are considered.
Origin	Birth certificate
Value	Label
1	1
	children
25 -	
(99Not specified

# 27 Hijos_sobr	
Type and length	N (2)
Range	{0 25, 99}
Description	Children the mother has had during her lifetime and who are still alive, regardless of whether they are registered and whether or not they live with the mother. In case of multiple births, all children born alive from the same pregnancy are considered.
Origin	Birth certificate
Value	Label
0	
	children
25 <u> </u>	9Not specified

# 28 E dociv_mad	
Type and length	N (1)
Range	{1 6, 8, 9}
Description	Marital status of the mother at the time of issuance of the birth certificate of the child she registered.
Origin	Birth certificate
Value	Label
1	Single
2	Married
3	Free union
4	Separated
5	Divorced
6	Widow
8	Another
9	Not specified

# 29 E scol_mad	
Type and length	N (1)
Range	{1 9}
Description	Indicates the last grade of studies passed by the mother at the time of issuing the birth certificate of the child she registered.
Origin	Birth certificate
Value	Label
1	No schooling
2	From 1 to 3 years of elementary school
3	From 4 to 5 years of elementary school
4	Completed elementary school
5	High school or equivalent
6	High school or equivalent
7	Professional
8	Another
9	Not specified

# 30 E scol_pad	# 30 E scol_pad	
Type and length	N (1)	
Range	{1 9}	
Description	Indicates the last grade of studies passed by the father at the time of issuing the birth certificate of the child he registered.	
Origin	Birth certificate	
Value	Label	
1	No schooling	
2	From 1 to 3 years of elementary school	
3	From 4 to 5 years of elementary school	
4	Completed elementary school	
5	High school or equivalent	
6	High school or equivalent	
7	Professional	
8	Another	
9	Not specified	

# 31 Act_mad	
Type and length	N (1)
Range	{1, 2, 9}
Description	Indicates whether or not the mother is working at the time of birth registration.
Origin	Birth certificate
Value	Label
1	Work
2	Does not work
	9Not specified

# 32 Act_pad	
Type and length	N (1)
Range	{1, 2, 9}
Description	Indicates whether or not the father is working at the time of birth registration.
Origin	Birth certificate
Value	Label
1 V	Vork
2 C	loes not work
9	Not specified

# 33 P os_mad	
Type and length	N (1)
Range	{1 6, 9}
Description	Relationship that the working mother has with the means of production and with the ownership of the goods and services generated, at the time of issuing the birth certificate of the child she registered.
Origin	Birth certificate
Value	Label
1	Worker
2	Employee
3	Laborer or day laborer
4	Self-employed
5	Employer or entrepreneur
6	Unpaid family worker
	9Not specified

# 34 P os_pad	# 34 P os_pad	
Type and length	N (1)	
Range	{1 6, 9}	
Description	Relationship that the working parent has with the means of production and with the ownership of the goods and services generated, at the time of issuing the birth certificate of the child he/she registered.	
Origin	Birth certificate	
Value	Label	
1	Worker	
2	Employee	
3	Laborer or day laborer	
4	Self-employed	
5	Employer or entrepreneur	
6	Unpaid family worker	
	9Not specified	

# 35 S itlab _mad		
Type and length	h N (1)	
Range	{1 6, 9}	
Description	It highlights mothers who, at the time of issuing the birth certificate of the child they registered, do not have a job and orders them according to their activity or reason for their withdrawal from the work environment.	
Origin	Birth certificate	
Value	Label	
1 Y	1 You have a job or are looking for a job	
2 5	Student	
3 [Dedicated to household chores	
	Retired or pensioned	
5 F	Permanently unable to work	
6 A	Another	
9	9Not specified	

# 36 S itlab_pad	# 36 S itlab_pad	
Type and length	N (1)	
Range	{1 6, 9}	
Description	It highlights the parents who, at the time of issuing the birth certificate of the child they registered, do not have a job and orders them according to their activity or reason for their withdrawal from the work environment.	
Origin	Birth certificate	
Value	Label	
1 `	1 You have a job or are looking for a job	
2 9	, ,	
3 [Dedicated to household chores	
4 I	Retired or pensioned	
5 I	Permanently unable to work	
6 /	Another	
(9Not specified	

# 37 F ue_prese	# 37 F ue_prese	
Type and length	N (1)	
Range	{1, 2, 9}	
Description	Indicates whether or not the registrant is alive at the time the birth certificate is issued.	
Origin	Birth certificate	
Value	Label	
1 \	/ivo	
2 I	Dead	
9	Not specified	

# 38 Hora_nac	
Type and length	N (2)
Range	{0 23, 99}
Description	Specifies the time (in hours) when the birth occurred.
Origin	Birth certificate
Value	Label
0)
	hours
23 _	J
9	9Not specified

# 39 Minuto_nac	
Type and length	N (2)
Range	{0 59, 99}
Description	Specifies the time (in minutes) when the birth occurred.
Origin	Birth certificate
Value	Label
0	
	minutes
59	
	99Not specified

# 40 C omparecio	
Type and length	N (1)
Range	{1 5, 9}
Description	A person who requests the registration of a birth at the Civil Registry Office and in turn provides the information contained in the respective record.
Origin	Birth certificate
Value	Label
1	Father
2	Mother
3	Both
4	Registered
5	Another
	9Not specified

# 41 Dis _re_oax		
Type and length	Type and length N (3)	
Range	Range {901 930, 999}	
Description	The state of Oaxaca is made up of thirty districts from 901 to 930 and each district is made up of several municipalities.	
Origin	Origin Birth certificate	

To know the value and the label relate to <code>ENTMUN.dbf</code> catalog <code>Relationship</code>

condition : Ent_ regis + Dis_re_oax with Cve_ent + Cve_mun

Note: the geographic data of the **NACIM 09.dbf** table are numeric type and the data of the **ENTMUN.dbf** table are character type, missing positions are filled with zeros.

2.3 Geographic catalog

Finally, the geographic catalog (table **ENTMUN.dbf**) is included, which contains the federal entity and municipality codes of the database and is made up of 3 variables.

2.3.1 List of variables

List the variables under consideration: the number it occupies in the table, its mnemonic, the description, the type of data (C

= character) and its length.

Table ENTMUN.dbf

#	Variable	Description	Туре
1	Cve_ent	Code of the federative entity	C (2)
2	Cve_mun	Municipality code	C (3)
3	Name	Name of the state or municipality	C (70)

2.3.2 Description of variables

Displays each variable in tab form and considers: the number it occupies in the table and its mnemonic; the type (C = character) and its length; the range of values it takes; its description and origin.

Table ENTMUN.dbf

#1C ve_ent		
Type and length	Type and length C (2)	
Range	{01 35, 99}	
Description	Code of the federal entity.	
Origin	Geostatistical catalog	

# 2 C ve_mun	# 2 C ve_mun	
Type and length	Type and length C (3)	
Range	{001 570, 901 930, 999}	
Description	Description Code of municipality and district of Oaxaca.	
Origin	Origin Geostatistical catalog	

# 3 Name	# 3 Name	
Type and length	Type and length C (70)	
Range	Not applicable	
Description	Description Name of the state, municipality and/or district of Oaxaca.	
Origin	Geostatistical catalog	