

Ghana - Ghanaian Establishment Panel Study 2003-2014

Ghanaian Statistical Service

Report generated on: October 2, 2022

Visit our data catalog at: <https://www.datafirst.uct.ac.za/dataportal/index.php>

Identification

SURVEY ID NUMBER

gha-gss-geps-2003-2014-v1

TITLE

Ghanaian Establishment Panel Study 2003-2014

COUNTRY

Name	Country code
Ghana	GHA

SERIES INFORMATION

Ghana Statistical Service and DataFirst. Ghanaian Establishment Panel Study 2003-2014 [dataset]. Version 1. Ghana: Ghana Statistical Service and DataFirst [producers], 2021. Cape Town: DataFirst [distributor], 2021.

ABSTRACT

The data is created from two firm censuses, both conducted by the Ghana Statistical Service. These were the 2003 NIC and the 2014 IBES. Identifying information on these firms such as firm name, firm locations, contact person, contact number etc were sourced from GSS for IBES 2014 and from Francis Teal for NIC 2003. This information was used to match firms over the 2 waves.

The creation of the panel was funded by the Project for Enterprise Development in Low Income Countries (PEDL) and was undertaken by Andrew Kerr and Bruce McDougall of DataFirst, University of Cape Town

UNIT OF ANALYSIS

Establishments

Version

VERSION DESCRIPTION

v1: Edited and anonymised for public use

VERSION DATE

2021-03-04

Scope

NOTES

The panel data file contains the firm IDs from IBES and NIC for firms that were found in both waves.

Coverage

GEOGRAPHIC COVERAGE

This panel is a handful of firms we found that were interviewed in both 2003 and 2014 - it is not geographically representative.

GEOGRAPHIC UNIT

The lowest geographic level in the GSS public release data is the district.

UNIVERSE

Establishments in Ghana.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Ghanaian Statistical Service	Government of Ghana

PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Panel Creation

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Netherlands Government	NL	IBES funder
United Kingdom Government	UK	IBES funder
World Bank	WB	IBES funder
Project for Enterprise Development in Low-Income Countries	PEDL	IBES phase 2 funder
Danish International Development Agency	DANIDA	NIC funder

Sampling

SAMPLING PROCEDURE

This dataset is a panel derived from matching firms that were included in two Ghanaian censuses, NIC 2003 and IBES 2014. Each of these censuses had two phases.

2014 IBES Phase 1 was a census of non-household establishments with a fixed site and any household-based business with a sign indicating its presence within a household. Phase 2 was a stratified roughly 5% sample of the phase 1 firms. NIC 2003 Phase 1 was a census of non-household establishments with a fixed site and any household-based business with a sign indicating its presence within a household. Phase 2 was a stratified sample. All establishments with 10 or more persons engaged were enumerated and 5% firms with less than 10 persons engaged were sampled for phase 2.

The phase 1 data was used to match firms across 2003 NIC and 2014 IBES and create the panel. This matching is likely to be non-random and a function of observable and unobservable characteristics. Thus the panel SHOULD NOT be considered a random sample of establishments alive in both 2003 and 2014.

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
2003	2003	NIC phase 1
2004	2004	NIC phase 2
2014	2014	IBES phase 1
2015	2016	IBES phase 2

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

This panel was created by matching firms in the NIC and IBES firm censuses. IBES Questionnaires for phase 1 and 2 can be found on the DataFirst website under the IBES phase 2 study:

<https://www.datafirst.uct.ac.za/dataportal/index.php/catalog/858>

NIC 2003 Questionnaires can be found on Francis Teal's website:
<https://www.empiricalde.com/ghana-firm-census-1987-and-2003>.

DATA COLLECTORS

Name	Abbreviation	Affiliation
Ghanaian Statistical Service	GSS	Government of Ghana

Data Processing

DATA EDITING

A detailed guide on how the NIC and IBES firms were matched using fuzzy algorithms has been uploaded for the users reference.

Data Appraisal

DATA APPRAISAL

The main data quality issue that users should be aware of is that these firms were matched using fuzzy logic - not all the matches are strong matches and some might be false matches.

Access policy

CONTACTS

Name	Affiliation	Email	URL
DataFirst Support	University of Cape Town	support@data1st.org	www.support.data1st.org

ACCESS CONDITIONS

Public use files, available to all

CITATION REQUIREMENTS

Ghana Statistical Service and DataFirst. Ghanaian Establishment Panel Study 2003-2014 [dataset]. Version 1. Ghana: Ghana Statistical Service and DataFirst [producers], 2021. Cape Town: DataFirst [distributor], 2021.

ACCESS AUTHORITY

Name	Affiliation	Email	URL
DataFirst	University of Cape Town	support@data1st.org	support.data1st.org

Metadata production

PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Metadata producer

DATE OF METADATA PRODUCTION

2021

DDI DOCUMENT VERSION

Version 1

Data Description

Data file	Cases	Variables
geps-2003-2014-v1.dta	751	30

Data file: geps-2003-2014-v1.dta

Cases: 751

Variables: 30

Variables

ID	Name	Label	Question
V1	rank	Rank (roughly ordinal) of the fuzzy match between NIC and IBES	
V2	refnum	firm ID (NIC)	
V3	BID	firm ID (IBES)	
V4	similscore	Similarity Score of cleaned firm names (BOTH)	
V5	simil_conperson	Similarity Score between name of contact person in NIC and firm name in IBES (BO	
V6	region_NIC	Region (NIC)	
V7	region_IBES	Region (IBES)	
V8	district_NIC	District (Harmonized)(NIC)	
V9	district_IBES	District (Harmonized)(IBES)	
V10	simil_towns	Similarity Score between town names (Both)	
V11	simil_subs	Similarity Score between suburbs (Both)	
V12	simil_pobox	Similarity Score between pobox numbers (Both)	
V13	startyear_NIC	Start year (NIC)	
V14	startyear_IBES	Start year (IBES)	
V15	persons_engaged_NIC	Persons Engaged (NIC)	
V16	persons_engaged_IBES	Persons Engaged (IBES)	
V17	legal_form_IBES	Type of Legal Ownership(Harmonized) (IBES)	
V18	legal_form_NIC	Type of Legal Ownership (Harmonized)(NIC)	
V19	any_call_match	Indicator that the last 5 digits of any number provided match (BOTH)	
V20	orgform_NIC	Organisational form (NIC)	
V21	orgform_IBES	Organisational form (IBES)	
V22	secondactivitycode_NIC	Secondary Activity Code (Original Variable)(NIC)	
V23	secondactivitycode_IBES	Secondary Activity Code (Original Variable)(IBES)	
V24	district_original_IBES	Original districts from IBES based on 2012 system	
V25	firmid_old_NIC	firmid original format (NIC)	
V26	firmid_old_IBES	firmid original format (IBES)	
V27	isic4_NIC	ISIC Revision 4 - 4 Digit Code (NIC)	
V28	isic4_IBES	ISIC Revision 4 - 4 Digit Code (IBES)	
V29	isic4_2digit_NIC	ISIC Revision 4 - 2 Digit Code (NIC)	
V30	isic4_2digit_IBES	ISIC Revision 4 - 2 Digit Code (IBES)	

Total: 30

RANK: Rank (roughly ordinal) of the fuzzy match between NIC and IBES**Data file:** `geps-2003-2014-v1.dta`**Overview**

Valid: 751 Invalid: 0 Minimum: 1 Maximum: 33 Mean: 20.654 Standard deviation: 8.777
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 33 Format: Numeric

SIMIL_TOWNS: Similarity Score between town names (Both)**Data file:** `geps-2003-2014-v1.dta`**Overview**

Valid: 751 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.421 Standard deviation: 0.46
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1 Format: Numeric

REFNUM: firm ID (NIC)**Data file:** `geps-2003-2014-v1.dta`**Overview**

Valid: 751 Invalid: 0 Minimum: 6058 Maximum: 400199 Mean: 191982.313 Standard deviation: 108407.171
 Type: Continuous Decimal: 0 Width: 10 Range: 6058 - 400199 Format: Numeric

BID: firm ID (IBES)**Data file:** `geps-2003-2014-v1.dta`**Overview**

Valid: 751 Invalid: 0 Minimum: 1010029168 Maximum: 10110004100 Mean: 4440300304.597 Standard deviation: 2149443584.444
 Type: Continuous Decimal: 0 Width: 10 Range: 1010029168 - 10110004100 Format: Numeric

SIMILSCORE: Similarity Score of cleaned firm names (BOTH)**Data file:** `geps-2003-2014-v1.dta`**Overview**

Valid: 751 Invalid: 0 Minimum: 0.6 Maximum: 1 Mean: 0.842 Standard deviation: 0.143
 Type: Continuous Decimal: 0 Width: 10 Range: 0.6 - 1 Format: Numeric

SIMIL_CONPERSON: Similarity Score between name of contact person in NIC and firm name in IBES (BO)**Data file:** `geps-2003-2014-v1.dta`

Overview

Valid: 751 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.275 Standard deviation: 0.324
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1 Format: Numeric

REGION_NIC: Region (NIC)

Data file: geeps-2003-2014-v1.dta

Overview

Valid: 751 Invalid: 0
 Type: Discrete Decimal: 0 Width: 16 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1. Western	70	9.3%
2	2. Central	50	6.7%
3	3. Greater Accra	243	32.4%
4	4. Volta	32	4.3%
5	5. Eastern	71	9.5%
6	6. Ashanti	174	23.2%
7	7. Brong Ahafo	63	8.4%
8	8. Northern	22	2.9%
9	9. Upper East	16	2.1%
10	10. Upper West	10	1.3%

REGION_IBES: Region (IBES)

Data file: geeps-2003-2014-v1.dta

Overview

Valid: 751 Invalid: 0
 Type: Discrete Decimal: 0 Width: 16 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1. Western	72	9.6%
2	2. Central	55	7.3%
3	3. Greater Accra	235	31.3%
4	4. Volta	32	4.3%

5	5. Eastern	78	10.4%
6	6. Ashanti	171	22.8%
7	7. Brong Ahafo	61	8.1%
8	8. Northern	22	2.9%
9	9. Upper East	16	2.1%
10	10. Upper West	9	1.2%

DISTRICT_NIC: District (Harmonized)(NIC)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 33 Range: 101 - 1005 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	101. JOMORO	1	0.1%
102	102. NZEMA EAST	2	0.3%
103	103. AHANTA WEST	8	1.1%
104	104. SHAMA AHANTA EAST	47	6.3%
105	105. MPOHOR-WASSA EAST	2	0.3%
106	106. WASSA WEST	4	0.5%
107	107. WASSA AMENFI	3	0.4%
110	110. SEFWI WIAWSO	2	0.3%
111	111. BIBIANI ANHWIASO BEKWAI	1	0.1%
201	201. KEEA	1	0.1%
202	202. CAPE COAST	11	1.5%
203	203. ABURA-ASEBU-KWAMANKESE	1	0.1%
204	204. MFANTSIMAN	4	0.5%
205	205. GOMOA	3	0.4%
206	206. AWUTU EFUTU SENYA	8	1.1%
207	207. AGONA	9	1.2%
208	208. ASIKUMA ODOBEN BRAKWA	6	0.8%
209	209. AJUMAKO-ENYAN-ESIAM	1	0.1%
210	210. ASSIN	3	0.4%
211	211. LOWER DENKYIRA	1	0.1%
212	212. UPPER DENKYIRA	2	0.3%

301	301. ACCRA METROPOLITAN ASSEMBLY	148	19.7%
302	302. GA	20	2.7%
303	303. TEMA MUNICIPALITY	74	9.9%
304	304. DANGME WEST	1	0.1%
401	401. SOUTH TONGU	2	0.3%
402	402. KETA	5	0.7%
403	403. KETU	5	0.7%
404	404. AKATSI	4	0.5%
405	405. NORTH TONGU	2	0.3%
406	406. HO	5	0.7%
408	408. HOHOE	3	0.4%
409	409. JASIKAN	1	0.1%
410	410. KADJEBI	4	0.5%
411	411. NKWANTA	1	0.1%
501	501. BIRIM NORTH	3	0.4%
502	502. BIRIM SOUTH	15	2%
503	503. WEST AKIM	3	0.4%
504	504. KWAEBIBIREM	3	0.4%
505	505. SUHUM KRABOA COALTAR	2	0.3%
506	506. EAST AKIM	1	0.1%
508	508. NEW JUABEN	19	2.5%
509	509. AKUAPIM SOUTH	1	0.1%
510	510. AKUAPIM-NORTH	2	0.3%
511	511. YILO KROBO	7	0.9%
512	512. MANYA KROBO	10	1.3%
513	513. ASUOGYAMAN	2	0.3%
514	514. AFRAM PLAINS	1	0.1%
515	515. KWAHU SOUTH	2	0.3%
601	601. ATWIMA	3	0.4%
603	603. AMANSIE EAST	1	0.1%
604	604. ADANSI WEST	11	1.5%
606	606. ASANTE AKIM SOUTH	1	0.1%
607	607. ASANTE AKIM NORTH	5	0.7%
608	608. EJISU JUABENG	4	0.5%
609	609. BOSOMTWE ATWIMA KWANWOMA	5	0.7%
610	610. KUMASI METROPOLIS	122	16.2%
611	611. KWABRE	4	0.5%
612	612. AFIGYA SEKYERE	2	0.3%
613	613. SEKYERE EAST	2	0.3%

614	614. SEKYERE WEST	7	0.9%
615	615. EJURA-SEKYEDUMASE	2	0.3%
616	616. OFFINSO	2	0.3%
617	617. AHAFO ANO SOUTH	1	0.1%
618	618. AHAFO ANO NORTH	2	0.3%
701	701. ASUNAFO DISTRICT	4	0.5%
702	702. ASUTIFI	3	0.4%
703	703. TANO	2	0.3%
704	704. SUNYANI	27	3.6%
705	705. DORMAA	3	0.4%
706	706. JAMAN	5	0.7%
707	707. BEREKUM	7	0.9%
708	708. WENCHI	1	0.1%
709	709. TECHIMAN	6	0.8%
710	710. NKORANZA	2	0.3%
712	712. ATEBUBU	1	0.1%
713	713. SENE	2	0.3%
802	802. WEST GONJA	2	0.3%
804	804. NANUMBA	1	0.1%
807	807. YENDI	1	0.1%
808	808. GUSHIEGU-KARAGA	1	0.1%
809	809. SAVELUGU NANTON	2	0.3%
810	810. TAMALE METROPOLITAN ASSEMBLY	14	1.9%
811	811. TOLON-KUMBUNGU	1	0.1%
901	901. BUILSA DISTRICT	1	0.1%
902	902. KASSENA-NANKANA	2	0.3%
904	904. BOLGATANGA	6	0.8%
905	905. BAWKU WEST	1	0.1%
906	906. BAWKU EAST	6	0.8%
1001	1001. WA	6	0.8%
1002	1002. NADOWLI	1	0.1%
1003	1003. SISSALA	1	0.1%
1004	1004. JIRAPA LAMBUSSIE	1	0.1%
1005	1005. LAWRA	1	0.1%

DISTRICT_IBES: District (Harmonized)(IBES)

Data file: geps-2003-2014-v1.dta

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 33 Range: 101 - 1005 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	101. JOMORO	1	0.1%
102	102. NZEMA EAST	3	0.4%
103	103. AHANTA WEST	9	1.2%
104	104. SHAMA AHANTA EAST	46	6.1%
105	105. MPOHOR-WASSA EAST	2	0.3%
106	106. WASSA WEST	4	0.5%
107	107. WASSA AMENFI	4	0.5%
108	108. AOWIN SUAMAN	1	0.1%
110	110. SEFWI WIAWSO	2	0.3%
201	201. KEEA	3	0.4%
202	202. CAPE COAST	10	1.3%
203	203. ABURA-ASEBU-KWAMANKESE	1	0.1%
204	204. MFANTSIMAN	4	0.5%
205	205. GOMOA	4	0.5%
206	206. AWUTU EFUTU SENYA	9	1.2%
207	207. AGONA	10	1.3%
208	208. ASIKUMA ODOBEN BRAKWA	8	1.1%
209	209. AJUMAKO-ENYAN-ESIAM	1	0.1%
210	210. ASSIN	2	0.3%
211	211. LOWER DENKYIRA	1	0.1%
212	212. UPPER DENKYIRA	2	0.3%
301	301. ACCRA METROPOLITAN ASSEMBLY	147	19.6%
302	302. GA	14	1.9%
303	303. TEMA MUNICIPALITY	72	9.6%
304	304. DANGME WEST	2	0.3%
401	401. SOUTH TONGU	2	0.3%
402	402. KETA	5	0.7%
403	403. KETU	5	0.7%
404	404. AKATSI	4	0.5%
405	405. NORTH TONGU	3	0.4%
406	406. HO	5	0.7%
408	408. HOHOE	2	0.3%

409	409. JASIKAN	1	0.1%
410	410. KADJEBI	4	0.5%
412	412. KRACHI	1	0.1%
501	501. BIRIM NORTH	5	0.7%
502	502. BIRIM SOUTH	13	1.7%
503	503. WEST AKIM	3	0.4%
504	504. KWAEBIBIREM	2	0.3%
505	505. SUHUM KRABOA COALTAR	4	0.5%
506	506. EAST AKIM	1	0.1%
508	508. NEW JUABEN	19	2.5%
509	509. AKUAPIM SOUTH	3	0.4%
510	510. AKUAPIM-NORTH	2	0.3%
511	511. YILO KROBO	7	0.9%
512	512. MANYA KROBO	11	1.5%
513	513. ASUOGYAMAN	3	0.4%
514	514. AFRAM PLAINS	1	0.1%
515	515. KWAHU SOUTH	4	0.5%
601	601. ATWIMA	2	0.3%
603	603. AMANSIE EAST	3	0.4%
604	604. ADANSI WEST	14	1.9%
607	607. ASANTE AKIM NORTH	5	0.7%
608	608. EJISU JUABENG	3	0.4%
609	609. BOSOMTWE ATWIMA KWANWOMA	4	0.5%
610	610. KUMASI METROPOLIS	123	16.4%
611	611. KWABRE	4	0.5%
612	612. AFIGYA SEKYERE	1	0.1%
613	613. SEKYERE EAST	1	0.1%
614	614. SEKYERE WEST	6	0.8%
615	615. EJURA-SEKYEDUMASE	2	0.3%
616	616. OFFINSO	1	0.1%
618	618. AHAFO ANO NORTH	2	0.3%
701	701. ASUNAFO DISTRICT	4	0.5%
702	702. ASUTIFI	1	0.1%
703	703. TANO	2	0.3%
704	704. SUNYANI	27	3.6%
705	705. DORMAA	1	0.1%
706	706. JAMAN	4	0.5%
707	707. BEREKUM	7	0.9%
708	708. WENCHI	3	0.4%

709	709. TECHIMAN	6	0.8%
710	710. NKORANZA	2	0.3%
712	712. ATEBUBU	1	0.1%
713	713. SENE	3	0.4%
801	801. BOLE	1	0.1%
802	802. WEST GONJA	1	0.1%
804	804. NANUMBA	1	0.1%
807	807. YENDI	1	0.1%
809	809. SVELUGU NANTON	3	0.4%
810	810. TAMALE METROPOLITAN ASSEMBLY	15	2%
901	901. BULSA DISTRICT	1	0.1%
902	902. KASSENA-NANKANA	3	0.4%
904	904. BOLGATANGA	5	0.7%
905	905. BAWKU WEST	2	0.3%
906	906. BAWKU EAST	5	0.7%
1001	1001. WA	5	0.7%
1002	1002. NADOWLI	2	0.3%
1004	1004. JIRAPA LAMBUSSIE	1	0.1%
1005	1005. LAWRA	1	0.1%

SIMIL_SUBS: Similarity Score between suburbs (Both)

Data file: geps-2003-2014-v1.dta

Overview

Valid: 751 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.287 Standard deviation: 0.386
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1 Format: Numeric

SIMIL_POBOX: Similarity Score between pobox numbers (Both)

Data file: geps-2003-2014-v1.dta

Overview

Valid: 751 Invalid: 0 Minimum: -0.1 Maximum: 1 Mean: 0.32 Standard deviation: 0.471
 Type: Continuous Decimal: 0 Width: 10 Range: -0.1 - 1 Format: Numeric

STARTYEAR_NIC: Start year (NIC)

Data file: geps-2003-2014-v1.dta

Overview

Valid: 746 Invalid: 5 Minimum: 1947 Maximum: 2003 Mean: 1994.221 Standard deviation: 9.215
 Type: Continuous Decimal: 0 Width: 8 Range: 1947 - 2003 Format: Numeric

STARTYEAR_IBES: Start year (IBES)**Data file:** geps-2003-2014-v1.dta**Overview**

Valid: 751 Invalid: 0 Minimum: 1898 Maximum: 2003 Mean: 1993.325 Standard deviation: 10.949
 Type: Continuous Decimal: 0 Width: 8 Range: 1898 - 2003 Format: Numeric

PERSONS_ENGAGED_NIC: Persons Engaged (NIC)**Data file:** geps-2003-2014-v1.dta**Overview**

Valid: 751 Invalid: 0 Minimum: 0 Maximum: 3782 Mean: 39.477 Standard deviation: 205.909
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 3782 Format: Numeric

PERSONS_ENGAGED_IBES: Persons Engaged (IBES)**Data file:** geps-2003-2014-v1.dta**Overview**

Valid: 751 Invalid: 0 Minimum: 1 Maximum: 4361 Mean: 37.119 Standard deviation: 223.876
 Type: Continuous Decimal: 0 Width: 12 Range: 1 - 4361 Format: Numeric

LEGAL_FORM_IBES: Type of Legal Ownership(Harmonized) (IBES)**Data file:** geps-2003-2014-v1.dta**Overview**

Valid: 751 Invalid: 0
 Type: Discrete Decimal: 0 Width: 44 Range: 1 - 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1. Sole Proprietorship	644	85.8%
2	2. Partnership	19	2.5%
3	3. Private Limited Company by Gurantee	82	10.9%
4	4. Public Limited Company	4	0.5%
5	5. Statutory	0	0%
6	6. Other Governmental Institutions(MDAs etc)	0	0%
7	7. Quasi Goverment	1	0.1%
8	8. Parastatal Government	1	0.1%

9	9. Non Governmental Organization (NGO)	0	0%
10	10. Cooperative	0	0%
11	11. Association/Groups	0	0%

LEGAL_FORM_NIC: Type of Legal Ownership (Harmonized)(NIC)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 44 Range: 1 - 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1. Sole Proprietorship	629	83.8%
2	2. Partnership	6	0.8%
3	3. Private Limited Company by Gurantee	106	14.1%
4	4. Public Limited Company	5	0.7%
5	5. Statutory	0	0%
6	6. Other Governmental Institutions(MDAs etc)	0	0%
7	7. Quasi Goverment	0	0%
8	8. Parastatal Government	0	0%
9	9. Non Governmental Organization (NGO)	0	0%
10	10. Cooperative	0	0%
11	11. Association/Groups	5	0.7%

ANY_CALL_MATCH: Indicator that the last 5 digits of any number provided match (BOTH)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 133 Invalid: 618

Type: Discrete Decimal: 0 Width: 9 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		133	17.7%
Sysmiss		618	

ORGFORM_NIC: Organisational form (NIC)**Data file:** gepps-2003-2014-v1.dta**Overview**

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 23 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1. Subsidiary	13	1.7%
2	2. Single Establishment	727	96.8%
3	3. Head office	11	1.5%

ORGFORM_IBES: Organisational form (IBES)**Data file:** gepps-2003-2014-v1.dta**Overview**

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 81 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1. Head Office (Owns and controls another estab)	91	12.1%
2	2. Single Establishment (Neither controlled by another estab, many control sites)	648	86.3%
3	3. Subsidiary (Owned and controlled by another estab)	12	1.6%

SECONDACTIVITYCODE_NIC: Secondary Activity Code (Original Variable)(NIC)**Data file:** gepps-2003-2014-v1.dta**Overview**

Valid: 67 Invalid: 684 Minimum: 1514 Maximum: 4520 Mean: 2478.896 Standard deviation: 776.417

Type: Continuous Decimal: 0 Width: 8 Range: 1514 - 4520 Format: Numeric

SECONDACTIVITYCODE_IBES: Secondary Activity Code (Original Variable)(IBES)**Data file:** gepps-2003-2014-v1.dta

Overview

Valid: 199 Invalid: 552

Type: Discrete Decimal: 0 Width: 142 Range: 111 - 9900 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
111	111. Growing of cereals (except rice), leguminous crops and oil seeds	0	0%
112	112. Growing of rice	0	0%
113	113. Growing of vegetables and melons, roots and tubers	0	0%
114	114. Growing of sugar cane	0	0%
115	115. Growing of tobacco	0	0%
116	116. Growing of fibre crops	0	0%
119	119. Growing of other non-perennial crops	0	0%
121	121. Growing of grapes	0	0%
122	122. Growing of tropical and subtropical fruits	0	0%
123	123. Growing of citrus fruits	0	0%
124	124. Growing of pome fruits and stone fruits	0	0%
125	125. Growing of other tree and bush fruits and nuts	0	0%
126	126. Growing of oleaginous fruits	0	0%
127	127. Growing of beverage crops	0	0%
128	128. Growing of spices, aromatic, drug and pharmaceutical crops	0	0%
129	129. Growing of other perennial crops	0	0%
130	130. Plant propagation	0	0%
141	141. Raising of cattle and buffaloes	0	0%
142	142. Raising of horses and other equines	0	0%
143	143. Raising of camels and camelids	0	0%
144	144. Raising of sheep and goats	0	0%
145	145. Raising of swine/pigs	0	0%
146	146. Raising of poultry	0	0%
149	149. Raising of other animals	0	0%
150	150. Mixed farming	0	0%
161	161. Support activities for crop production	0	0%
162	162. Support activities for animal production	0	0%
163	163. Post-harvest crop activities	0	0%
164	164. Seed processing for propagation	0	0%
170	170. Hunting, trapping and related service activities	0	0%
210	210. Silviculture and other forestry activities	1	0.1%
220	220. Logging	0	0%

230	230. Gathering of non-wood forest products	0	0%
239	239. Manufacture of non-metallic mineral products n.e.c.	0	0%
240	240. Support services to forestry	0	0%
311	311. Marine fishing	0	0%
312	312. Freshwater fishing	0	0%
321	321. Marine aquaculture	0	0%
322	322. Freshwater aquaculture	0	0%
510	510. Mining of hard coal	0	0%
520	520. Mining of lignite	0	0%
610	610. Extraction of crude petroleum	0	0%
620	620. Extraction of natural gas	0	0%
710	710. Mining of iron ores	0	0%
721	721. Mining of uranium and thorium ores	0	0%
729	729. Mining of other non-ferrous metal ores	0	0%
810	810. Quarrying of stone, sand and clay	0	0%
891	891. Mining of chemical and fertilizer minerals	0	0%
892	892. Extraction of peat	0	0%
893	893. Extraction of salt	0	0%
899	899. Other mining and quarrying n.e.c.	0	0%
910	910. Support activities for petroleum and natural gas extraction	0	0%
990	990. Support activities for other mining and quarrying	0	0%
1010	1010. Processing and preserving of meat	0	0%
1020	1020. Processing and preserving of fish, crustaceans and molluscs	0	0%
1030	1030. Processing and preserving of fruit and vegetables	0	0%
1040	1040. Manufacture of vegetable and animal oils and fats	0	0%
1050	1050. Manufacture of dairy products	0	0%
1061	1061. Manufacture of grain mill products	9	1.2%
1062	1062. Manufacture of starches and starch products	3	0.4%
1071	1071. Manufacture of bakery products	2	0.3%
1072	1072. Manufacture of sugar	0	0%
1073	1073. Manufacture of cocoa, chocolate and sugar confectionery	0	0%
1074	1074. Manufacture of macaroni, noodles, couscous and similar farinaceous products	0	0%
1075	1075. Manufacture of prepared meals and dishes	0	0%
1079	1079. Manufacture of other food products n.e.c.	0	0%
1080	1080. Manufacture of prepared animal feeds	0	0%
1101	1101. Distilling, rectifying and blending of spirits	0	0%
1102	1102. Manufacture of wines	0	0%
1103	1103. Manufacture of malt liquors and malt	0	0%
1104	1104. Manufacture of soft drinks; production of mineral waters and other bottled waters	1	0.1%

1200	1200. Manufacture of tobacco products	0	0%
1311	1311. Preparation and spinning of textile fibres	0	0%
1312	1312. Weaving of textiles	0	0%
1313	1313. Finishing of textiles	0	0%
1391	1391. Manufacture of knitted and crocheted fabrics	1	0.1%
1392	1392. Manufacture of made-up textile articles, except apparel	0	0%
1393	1393. Manufacture of carpets and rugs	0	0%
1394	1394. Manufacture of cordage, rope, twine and netting	0	0%
1399	1399. Manufacture of other textiles n.e.c.	0	0%
1410	1410. Manufacture of wearing apparel, except fur apparel	49	6.5%
1420	1420. Manufacture of articles of fur	0	0%
1430	1430. Manufacture of knitted and crocheted apparel	1	0.1%
1511	1511. Tanning and dressing of leather; dressing and dyeing of fur	0	0%
1512	1512. Manufacture of luggage, handbags and the like, saddlery and harness	0	0%
1520	1520. Manufacture of footwear	1	0.1%
1610	1610. Sawmilling and planing of wood	4	0.5%
1621	1621. Manufacture of veneer sheets and wood-based panels	1	0.1%
1622	1622. Manufacture of builders' carpentry and joinery	2	0.3%
1623	1623. Manufacture of wooden containers	0	0%
1629	1629. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	0	0%
1701	1701. Manufacture of pulp, paper and paperboard	1	0.1%
1702	1702. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	0	0%
1709	1709. Manufacture of other articles of paper and paperboard	0	0%
1812	1812. Service activities related to printing	6	0.8%
1820	1820. Reproduction of recorded media	0	0%
1910	1910. Manufacture of coke oven products	0	0%
1920	1920. Manufacture of refined petroleum products	0	0%
2011	2011. Manufacture of basic chemicals	0	0%
2012	2012. Manufacture of fertilizers and nitrogen compounds	0	0%
2013	2013. Manufacture of plastics and synthetic rubber in primary forms	0	0%
2021	2021. Manufacture of pesticides and other agrochemical products	1	0.1%
2022	2022. Manufacture of paints, varnishes and similar coatings, printing ink and mastics	0	0%
2023	2023. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	1	0.1%
2029	2029. Manufacture of other chemical products n.e.c.	0	0%
2030	2030. Manufacture of man-made fibres	0	0%
2100	2100. Manufacture of pharmaceuticals, medicinal chemical and botanical products	0	0%
2211	2211. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	0	0%

2219	2219. Manufacture of other rubber products	0	0%
2220	2220. Manufacture of plastics products	0	0%
2310	2310. Manufacture of glass and glass products	0	0%
2391	2391. Manufacture of refractory products	0	0%
2392	2392. Manufacture of clay building materials	0	0%
2393	2393. Manufacture of other porcelain and ceramic products	0	0%
2394	2394. Manufacture of cement, lime and plaster	0	0%
2395	2395. Manufacture of articles of concrete, cement and plaster	4	0.5%
2396	2396. Cutting, shaping and finishing of stone	0	0%
2399	2399. Manufacture of other non-metallic mineral products n.e.c.	0	0%
2410	2410. Manufacture of basic iron and steel	0	0%
2420	2420. Manufacture of basic precious and other non-ferrous metals	0	0%
2431	2431. Casting of iron and steel	0	0%
2432	2432. Casting of non-ferrous metals	0	0%
2511	2511. Manufacture of structural metal products	10	1.3%
2512	2512. Manufacture of tanks, reservoirs and containers of metal	3	0.4%
2513	2513. Manufacture of steam generators, except central heating hot water boilers	0	0%
2520	2520. Manufacture of weapons and ammunition	0	0%
2591	2591. Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0	0%
2592	2592. Treatment and coating of metals; machining	3	0.4%
2593	2593. Manufacture of cutlery, hand tools and general hardware	0	0%
2599	2599. Manufacture of other fabricated metal products n.e.c.	1	0.1%
2610	2610. Manufacture of electronic components and boards	0	0%
2620	2620. Manufacture of computers and peripheral equipment	0	0%
2630	2630. Manufacture of communication equipment	0	0%
2640	2640. Manufacture of consumer electronics	0	0%
2651	2651. Manufacture of measuring, testing, navigating and control equipment	0	0%
2652	2652. Manufacture of watches and clocks	0	0%
2660	2660. Manufacture of irradiation, electromedical and electrotherapeutic equipment	0	0%
2670	2670. Manufacture of optical instruments and photographic equipment	0	0%
2680	2680. Manufacture of magnetic and optical media	0	0%
2710	2710. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	0	0%
2720	2720. Manufacture of batteries and accumulators	0	0%
2731	2731. Manufacture of fibre optic cables	0	0%
2732	2732. Manufacture of other electronic and electric wires and cables	0	0%
2733	2733. Manufacture of wiring devices	0	0%
2740	2740. Manufacture of electric lighting equipment	0	0%
2750	2750. Manufacture of domestic appliances	0	0%

2790	2790. Manufacture of other electrical equipment	0	0%
2811	2811. Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	0	0%
2812	2812. Manufacture of fluid power equipment	0	0%
2813	2813. Manufacture of other pumps, compressors, taps and valves	0	0%
2814	2814. Manufacture of bearings, gears, gearing and driving elements	0	0%
2815	2815. Manufacture of ovens, furnaces and furnace burners	0	0%
2816	2816. Manufacture of lifting and handling equipment	0	0%
2817	2817. Manufacture of office machinery and equipment (except computers and peripheral equipment)	0	0%
2818	2818. Manufacture of power-driven hand tools	1	0.1%
2819	2819. Manufacture of other general-purpose machinery	0	0%
2821	2821. Manufacture of agricultural and forestry machinery	0	0%
2822	2822. Manufacture of metal-forming machinery and machine tools	0	0%
2823	2823. Manufacture of machinery for metallurgy	0	0%
2824	2824. Manufacture of machinery for mining, quarrying and construction	0	0%
2825	2825. Manufacture of machinery for food, beverage and tobacco processing	1	0.1%
2826	2826. Manufacture of machinery for textile, apparel and leather production	0	0%
2829	2829. Manufacture of other special-purpose machinery	0	0%
2910	2910. Manufacture of motor vehicles	0	0%
2920	2920. Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	0	0%
2930	2930. Manufacture of parts and accessories for motor vehicles	0	0%
3011	3011. Building of ships and floating structures	0	0%
3012	3012. Building of pleasure and sporting boats	0	0%
3020	3020. Manufacture of railway locomotives and rolling stock	0	0%
3030	3030. Manufacture of air and spacecraft and related machinery	0	0%
3040	3040. Manufacture of military fighting vehicles	0	0%
3091	3091. Manufacture of motorcycles	0	0%
3092	3092. Manufacture of bicycles and invalid carriages	0	0%
3099	3099. Manufacture of other transport equipment n.e.c.	0	0%
3100	3100. Manufacture of furniture	30	4%
3211	3211. Manufacture of jewellery and related articles	0	0%
3212	3212. Manufacture of imitation jewellery and related articles	0	0%
3220	3220. Manufacture of musical instruments	0	0%
3230	3230. Manufacture of sports goods	0	0%
3240	3240. Manufacture of games and toys	0	0%
3250	3250. Manufacture of medical and dental instruments and supplies	0	0%
3290	3290. Other manufacturing n.e.c.	2	0.3%
3311	3311. Repair of fabricated metal products	1	0.1%
3312	3312. Repair of machinery	0	0%

3313	3313. Repair of electronic and optical equipment	0	0%
3314	3314. Repair of electrical equipment	0	0%
3315	3315. Repair of transport equipment, except motor vehicles	0	0%
3319	3319. Repair of other equipment	0	0%
3320	3320. Installation of industrial machinery and equipment	0	0%
3510	3510. Electric power generation, transmission and distribution	0	0%
3520	3520. Manufacture of gas; distribution of gaseous fuels through mains	0	0%
3530	3530. Steam and air conditioning supply	0	0%
3600	3600. Water collection, treatment and supply	0	0%
3700	3700. Sewerage	0	0%
3811	3811. Collection of non-hazardous waste	0	0%
3812	3812. Collection of hazardous waste	0	0%
3821	3821. Treatment and disposal of non-hazardous waste	0	0%
3822	3822. Treatment and disposal of hazardous waste	0	0%
3830	3830. Materials recovery	0	0%
3900	3900. Remediation activities and other waste management services	0	0%
4100	4100. Construction of buildings	2	0.3%
4210	4210. Construction of roads and railways	0	0%
4220	4220. Construction of utility projects	0	0%
4290	4290. Construction of other civil engineering projects	0	0%
4311	4311. Demolition	0	0%
4312	4312. Site preparation	0	0%
4321	4321. Electrical installation	0	0%
4322	4322. Plumbing, heat and air-conditioning installation	0	0%
4329	4329. Other construction installation	0	0%
4330	4330. Building completion and finishing	0	0%
4390	4390. Other specialized construction activities	0	0%
4510	4510. Sale of motor vehicles	0	0%
4520	4520. Maintenance and repair of motor vehicles	0	0%
4530	4530. Sale of motor vehicle parts and accessories	0	0%
4540	4540. Sale, maintenance and repair of motorcycles and related parts and accessories	0	0%
4610	4610. Wholesale on a fee or contract basis	0	0%
4620	4620. Wholesale of agricultural raw materials and live animals	0	0%
4630	4630. Wholesale of food, beverages and tobacco	0	0%
4641	4641. Wholesale of textiles, clothing and footwear	0	0%
4649	4649. Wholesale of other household goods	1	0.1%
4651	4651. Wholesale of computers, computer peripheral equipment and software	0	0%
4652	4652. Wholesale of electronic and telecommunications equipment and parts	0	0%
4653	4653. Wholesale of agricultural machinery, equipment and supplies	0	0%

4659	4659. Wholesale of other machinery and equipment	0	0%
4661	4661. Wholesale of solid, liquid and gaseous fuels and related products	1	0.1%
4662	4662. Wholesale of metals and metal ores	0	0%
4663	4663. Wholesale of construction materials, hardware, plumbing and heating equipment and supplies	0	0%
4669	4669. Wholesale of waste and scrap and other products n.e.c.	1	0.1%
4690	4690. Non-specialized wholesale trade	0	0%
4711	4711. Retail sale in non-specialized stores with food, beverages or tobacco predominating	3	0.4%
4719	4719. Other retail sale in non-specialized stores	1	0.1%
4721	4721. Retail sale of food in specialized stores	0	0%
4722	4722. Retail sale of beverages in specialized stores	0	0%
4723	4723. Retail sale of tobacco products in specialized stores	0	0%
4730	4730. Retail sale of automotive fuel in specialized stores	1	0.1%
4741	4741. Retail sale of computers, peripheral units, software and telecommunications equipment in specialized stores	0	0%
4742	4742. Retail sale of audio and video equipment in specialized stores	0	0%
4751	4751. Retail sale of textiles in specialized stores	10	1.3%
4752	4752. Retail sale of hardware, paints and glass in specialized stores	5	0.7%
4753	4753. Retail sale of carpets, rugs, wall and floor coverings in specialized stores	0	0%
4759	4759. Retail sale of electrical household appliances, furniture, lighting equipment and other household articles in specialized stores	6	0.8%
4761	4761. Retail sale of books, newspapers and stationary in specialized stores	1	0.1%
4762	4762. Retail sale of music and video recordings in specialized stores	0	0%
4763	4763. Retail sale of sporting equipment in specialized stores	0	0%
4764	4764. Retail sale of games and toys in specialized stores	0	0%
4771	4771. Retail sale of clothing, footwear and leather articles in specialized stores	2	0.3%
4772	4772. Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles in specialized stores	1	0.1%
4773	4773. Other retail sale of new goods in specialized stores	1	0.1%
4774	4774. Retail sale of second-hand goods	0	0%
4781	4781. Retail sale via stalls and markets of food, beverages and tobacco products	1	0.1%
4782	4782. Retail sale via stalls and markets of textiles, clothing and footwear	2	0.3%
4789	4789. Retail sale via stalls and markets of other goods	0	0%
4791	4791. Retail sale via mail order houses or via Internet	0	0%
4799	4799. Other retail sale not in stores, stalls or markets	0	0%
4911	4911. Passenger rail transport, interurban	0	0%
4912	4912. Freight rail transport	0	0%
4921	4921. Urban and suburban passenger land transport	0	0%
4922	4922. Other passenger land transport	0	0%
4923	4923. Freight transport by road	0	0%
4930	4930. Transport via pipeline	0	0%

5011	5011. Sea and coastal passenger water transport	0	0%
5012	5012. Sea and coastal freight water transport	0	0%
5021	5021. Inland passenger water transport	0	0%
5022	5022. Inland freight water transport	0	0%
5110	5110. Passenger air transport	0	0%
5120	5120. Freight air transport	0	0%
5210	5210. Warehousing and storage	0	0%
5221	5221. Service activities incidental to land transportation	0	0%
5222	5222. Service activities incidental to water transportation	0	0%
5223	5223. Service activities incidental to air transportation	0	0%
5224	5224. Cargo handling	1	0.1%
5229	5229. Other transportation support activities	2	0.3%
5310	5310. Postal activities	0	0%
5320	5320. Courier activities	0	0%
5510	5510. Short term accommodation activities	0	0%
5520	5520. Camping grounds, recreational vehicle parks and trailer parks	0	0%
5590	5590. Other accommodation	0	0%
5610	5610. Restaurants and mobile food service activities	0	0%
5621	5621. Event catering	0	0%
5629	5629. Other food service activities	1	0.1%
5630	5630. Beverage serving activities	0	0%
5811	5811. Book publishing	0	0%
5812	5812. Publishing of directories and mailing lists	0	0%
5813	5813. Publishing of newspapers, journals and periodicals	0	0%
5819	5819. Other publishing activities	1	0.1%
5820	5820. Software publishing	0	0%
5911	5911. Motion picture, video and television programme production activities	0	0%
5912	5912. Motion picture, video and television programme post-production activities	0	0%
5913	5913. Motion picture, video and television programme distribution activities	0	0%
5914	5914. Motion picture projection activities	0	0%
5920	5920. Sound recording and music publishing activities	0	0%
6010	6010. Radio broadcasting	0	0%
6020	6020. Television programming and broadcasting activities	0	0%
6110	6110. Wired telecommunications activities	0	0%
6120	6120. Wireless telecommunications activities	0	0%
6130	6130. Satellite telecommunications activities	0	0%
6190	6190. Other telecommunications activities	0	0%
6201	6201. Computer programming activities	0	0%
6202	6202. Computer consultancy and computer facilities management activities	0	0%

6209	6209. Other information technology and computer service activities	0	0%
6311	6311. Data processing, hosting and related activities	0	0%
6312	6312. Web portals	0	0%
6391	6391. News agency activities	0	0%
6399	6399. Other information service activities n.e.c.	0	0%
6411	6411. Central banking	0	0%
6419	6419. Other monetary intermediation	0	0%
6420	6420. Activities of holding companies	0	0%
6430	6430. Trusts, funds and similar financial entities	0	0%
6491	6491. Financial leasing	0	0%
6492	6492. Other credit granting	0	0%
6499	6499. Other financial service activities, except insurance and pension funding activities, n.e.c.	0	0%
6511	6511. Life insurance	0	0%
6512	6512. Non-life insurance	0	0%
6520	6520. Reinsurance	0	0%
6530	6530. Pension funding	0	0%
6611	6611. Administration of financial markets	0	0%
6612	6612. Security and commodity contracts brokerage	0	0%
6619	6619. Other activities auxiliary to financial service activities	0	0%
6621	6621. Risk and damage evaluation	0	0%
6622	6622. Activities of insurance agents and brokers	0	0%
6629	6629. Other activities auxiliary to insurance and pension funding	0	0%
6630	6630. Fund management activities	0	0%
6810	6810. Real estate activities with own or leased property	0	0%
6820	6820. Real estate activities on a fee or contract basis	0	0%
6910	6910. Legal activities	0	0%
6920	6920. Accounting, bookkeeping and auditing activities; tax consultancy	0	0%
7010	7010. Activities of head offices	0	0%
7020	7020. Management consultancy activities	0	0%
7110	7110. Architectural and engineering activities and related technical consultancy	0	0%
7120	7120. Technical testing and analysis	0	0%
7210	7210. Research and experimental development on natural sciences and engineering	0	0%
7220	7220. Research and experimental development on social sciences and humanities	0	0%
7310	7310. Advertising	0	0%
7320	7320. Market research and public opinion polling	0	0%
7410	7410. Specialized design activities	2	0.3%
7420	7420. Photographic activities	0	0%
7490	7490. Other professional, scientific and technical activities n.e.c.	0	0%
7500	7500. Veterinary activities	0	0%

7710	7710. Renting and leasing of motor vehicles	0	0%
7721	7721. Renting and leasing of recreational and sports goods	0	0%
7722	7722. Renting of video tapes and disks	0	0%
7729	7729. Renting and leasing of other personal and household goods	0	0%
7730	7730. Renting and leasing of other machinery, equipment and tangible goods	0	0%
7740	7740. Leasing of intellectual property and similar products, except copyrighted works	0	0%
7810	7810. Activities of employment placement agencies	0	0%
7820	7820. Temporary employment agency activities	0	0%
7830	7830. Other human resources provision	0	0%
7911	7911. Travel agency activities	0	0%
7912	7912. Tour operator activities	0	0%
7990	7990. Other reservation service and related activities	0	0%
8010	8010. Private security activities	0	0%
8020	8020. Security systems service activities	0	0%
8030	8030. Investigation activities	0	0%
8110	8110. Combined facilities support activities	0	0%
8121	8121. General cleaning of buildings	0	0%
8129	8129. Other building and industrial cleaning activities	0	0%
8130	8130. Landscape care and maintenance service activities	0	0%
8211	8211. Combined office administrative service activities	0	0%
8219	8219. Photocopying, document preparation and other specialized office support activities	2	0.3%
8220	8220. Activities of call centres	0	0%
8230	8230. Organization of conventions and trade shows	0	0%
8291	8291. Activities of collection agencies and credit bureaus	0	0%
8292	8292. Packaging activities	0	0%
8299	8299. Other business support service activities n.e.c.	0	0%
8411	8411. General public administration activities	0	0%
8412	8412. Regulation of the activities of providing health care, education, cultural services and other social services, excluding social security	0	0%
8413	8413. Regulation of and contribution to more efficient operation of businesses	0	0%
8421	8421. Foreign affairs	0	0%
8422	8422. Defence activities	0	0%
8423	8423. Public order and safety activities	0	0%
8430	8430. Compulsory social security activities	0	0%
8510	8510. Pre-primary and primary education	0	0%
8521	8521. General secondary education	0	0%
8522	8522. Technical and vocational secondary education	0	0%
8530	8530. Higher education	0	0%
8541	8541. Sports and recreation education	0	0%

8542	8542. Cultural education	0	0%
8549	8549. Other education n.e.c.	0	0%
8550	8550. Educational support activities	0	0%
8610	8610. Hospital activities	0	0%
8620	8620. Medical and dental practice activities	0	0%
8690	8690. Other human health activities	0	0%
8710	8710. Residential nursing care facilities	0	0%
8720	8720. Residential care activities for mental retardation, mental health and substance abuse	0	0%
8730	8730. Residential care activities for the elderly and disabled	0	0%
8790	8790. Other residential care activities	0	0%
8810	8810. Social work activities without accommodation for the elderly and disabled	0	0%
8890	8890. Other social work activities without accommodation	0	0%
9000	9000. Creative, arts and entertainment activities	1	0.1%
9101	9101. Library and archives activities	0	0%
9102	9102. Museums activities and operation of historical sites and buildings	0	0%
9103	9103. Botanical and zoological gardens and nature reserves activities	0	0%
9200	9200. Gambling and betting activities	0	0%
9311	9311. Operation of sports facilities	0	0%
9312	9312. Activities of sports clubs	0	0%
9319	9319. Other sports activities	0	0%
9321	9321. Activities of amusement parks and theme parks	0	0%
9329	9329. Other amusement and recreation activities n.e.c.	0	0%
9411	9411. Activities of business and employers membership organizations	0	0%
9412	9412. Activities of professional membership organizations	0	0%
9420	9420. Activities of trade unions	0	0%
9491	9491. Activities of religious organizations	0	0%
9492	9492. Activities of political organizations	0	0%
9499	9499. Activities of other membership organizations n.e.c.	0	0%
9511	9511. Repair of computers and peripheral equipment	0	0%
9512	9512. Repair of communication equipment	0	0%
9521	9521. Repair of consumer electronics	0	0%
9522	9522. Repair of household appliances and home and garden equipment	0	0%
9523	9523. Repair of footwear and leather goods	2	0.3%
9524	9524. Repair of furniture and home furnishings	0	0%
9529	9529. Repair of other personal and household goods	6	0.8%
9601	9601. Washing and (dry-) cleaning of textile and fur products	0	0%
9602	9602. Hairdressing and other beauty treatment	0	0%
9603	9603. Funeral and related activities	2	0.3%
9609	9609. Other personal service activities n.e.c.	0	0%

9700	9700. Activities of households as employers of domestic personnel	0	0%
9810	9810. Undifferentiated goods-producing activities of private households for own use	0	0%
9820	9820. Undifferentiated service-producing activities of private households for own use	0	0%
9900	9900. Activities of extraterritorial organizations and bodies	0	0%
Sysmiss		552	

DISTRICT_ORIGINAL_IBES: Original districts from IBES based on 2012 system

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 50 Range: 101 - 1011 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
101	101. Jomoro	1	0.1%
102	102. Ellembelle	1	0.1%
103	103. Nzema East	2	0.3%
104	104. Ahanta West	9	1.2%
105	105. Sekondi Takoradi Metropolis	46	6.1%
106	106. Shama	0	0%
107	107. Wassa East	1	0.1%
108	108. Tarkwa Nsuaem Municipal	1	0.1%
109	109. Prestea/Huni Valley	3	0.4%
110	110. Wassa Amenfi East	1	0.1%
111	111. Wassa Amenfi West	1	0.1%
112	112. Aowin	1	0.1%
113	113. Sefwi Akontombra	0	0%
114	114. Sefwi Wiawso	2	0.3%
115	115. Sefwi Bibiani-Ahwiaso Bekwai	0	0%
116	116. Juabeso	0	0%
117	117. Bia west	0	0%
118	118. Mpohor	1	0.1%
119	119. Wassa Amenfi Central	2	0.3%
120	120. Suaman	0	0%
121	121. Bodi	0	0%
122	122. Bia East	0	0%

201	201. Komenda-Edina-Eguafo-Abirem Municipal	3	0.4%
202	202. Cape Coast Metropolis	10	1.3%
203	203. Abura-Asebu-Kwamankese	1	0.1%
204	204. Mfantiman	3	0.4%
205	205. Ajumako-Enyan-Essiam	1	0.1%
206	206. Gomoa West	1	0.1%
207	207. Effutu Municipal	5	0.7%
208	208. Gomoa East	3	0.4%
209	209. Awutu Senya	1	0.1%
210	210. Agona East	1	0.1%
211	211. Agona West Municipal	9	1.2%
212	212. Asikuma-Odoben Brakwa	8	1.1%
213	213. Assin South	0	0%
214	214. Assin North Municipal	2	0.3%
215	215. TwifoAti Morkwa	1	0.1%
216	216. Upper Denkyira East Municipal	2	0.3%
217	217. Upper Denkyira West	0	0%
218	218. Twifo Heman Lower Denkyira	0	0%
219	219. Ekumfi	1	0.1%
220	220. Awutu Senya East Municipal	3	0.4%
301	301. Ga South Municipal	4	0.5%
302	302. Ga West Municipal	1	0.1%
303	303. Ga East Municipal	5	0.7%
304	304. Accra Metropolis	127	16.9%
305	305. Adenta Municipal	3	0.4%
306	306. Ledzokuku/Krowor Municipal	11	1.5%
307	307. Ashaiman Municipal	14	1.9%
308	308. Tema Metropolis	52	6.9%
309	309. Shai Osudoku	0	0%
310	310. Ada East	0	0%
311	311. Ga Central Municipal	1	0.1%
312	312. La Dade Kotopon Municipal	9	1.2%
313	313. La Nkwantanang Madina Municipal	3	0.4%
314	314. Kpone Katamanso	3	0.4%
315	315. Ningo Prampram	2	0.3%
316	316. Ada West	0	0%
401	401. South Tongu	2	0.3%
402	402. Keta Municipal	5	0.7%
403	403. Ketu South	3	0.4%

404	404. Ketu North	2	0.3%
405	405. Akatsi South	3	0.4%
406	406. Central Tongu	1	0.1%
407	407. Adaklu	0	0%
408	408. Ho Municipal	5	0.7%
409	409. South Dayi	0	0%
410	410. Kpando Municipal	0	0%
411	411. Hohoe Municipal	2	0.3%
412	412. Biakoye	1	0.1%
413	413. Jasikan	0	0%
414	414. Kadjebi	4	0.5%
415	415. Krachi East	1	0.1%
416	416. Krachi West	0	0%
417	417. Nkwanta South	0	0%
418	418. Nkwanta North	0	0%
419	419. North Tongu	2	0.3%
420	420. Akatsi North	1	0.1%
421	421. Agotime Ziope	0	0%
422	422. Ho West	0	0%
423	423. Afadzato South	0	0%
424	424. North Dayi	0	0%
425	425. Krachi Nchumuru	0	0%
501	501. Birim South	0	0%
502	502. Birim Municipal	13	1.7%
503	503. West Akim Municipal	3	0.4%
504	504. Suhum Municipal	3	0.4%
505	505. Nsawam Adoagyiri Municipal	3	0.4%
506	506. Akwapem North	2	0.3%
507	507. New Juaben Municipal	19	2.5%
508	508. Yilo Krobo	7	0.9%
509	509. Lower Manya	9	1.2%
510	510. Asuogyaman	3	0.4%
511	511. Upper Manya	2	0.3%
512	512. Fanteakwa	0	0%
513	513. East Akim Municipal	1	0.1%
514	514. Kwaebibirem	2	0.3%
515	515. Akyem Mansa	3	0.4%
516	516. Birim North	2	0.3%
517	517. Atiwa	0	0%

518	518. Kwahu West Municipal	3	0.4%
519	519. Kwahu South	1	0.1%
520	520. Kwahu East	0	0%
521	521. Kwahu Afram Plains North	1	0.1%
522	522. Upper West Akyem	0	0%
523	523. Akwapim South	0	0%
524	524. Ayensuano	1	0.1%
525	525. Denkyembuor	0	0%
526	526. Kwahu Afram Plains South	0	0%
601	601. Atwima Mponua	1	0.1%
602	602. Amansie West	0	0%
603	603. Amansie Central	1	0.1%
604	604. Adansi South	0	0%
605	605. Obuasi Municipal	13	1.7%
606	606. Adansi North	1	0.1%
607	607. Bekwai Municipal	2	0.3%
608	608. Bosome Freho	0	0%
609	609. Asante Akim South	0	0%
610	610. Asante Akim Central Municipal	3	0.4%
611	611. Ejisu Juaben Municipal	3	0.4%
612	612. Bosumtwi	4	0.5%
613	613. Atwima Kwanwoma	0	0%
614	614. Kumasi Metropolis	114	15.2%
615	615. Atwima Nwabiagya	1	0.1%
616	616. Ahafo Ano South	0	0%
617	617. Ahafo Ano North	2	0.3%
618	618. Offinso Municipal	1	0.1%
619	619. Afigya Kwabre	4	0.5%
620	620. Kwabre East	0	0%
621	621. Afigya Sekyere	1	0.1%
622	622. Mampong Municipal	5	0.7%
623	623. Sekyere East	1	0.1%
624	624. Sekyere Afram Plains	0	0%
625	625. Sekyere Central	1	0.1%
626	626. Ejura Sekye Dumasi	2	0.3%
627	627. Offinso North	0	0%
628	628. Asokore Mampong Municipal	9	1.2%
629	629. Asante Akim North	2	0.3%
630	630. Sekyere Afram Plains North	0	0%

701	701. Asunafo South	0	0%
702	702. Asunafo North Municipal	4	0.5%
703	703. Asutifi North	1	0.1%
704	704. Dormaa Municipal	1	0.1%
705	705. Dormaa Central Municipal	0	0%
706	706. Tano South	0	0%
707	707. Tano North	2	0.3%
708	708. Sunyani Municipal	26	3.5%
709	709. Sunyani West	1	0.1%
710	710. Berekum Municipal	7	0.9%
711	711. Jaman South	2	0.3%
712	712. Jaman North	2	0.3%
713	713. Tain	0	0%
714	714. Wenchi Municipal	3	0.4%
715	715. Techiman Municipal	6	0.8%
716	716. Nkoranza South	2	0.3%
717	717. Nkoranza North	0	0%
718	718. Atebubu Amantin	1	0.1%
719	719. Sene West	1	0.1%
720	720. Pru	0	0%
721	721. Kintampo South	0	0%
722	722. Kintampo North Municipal	0	0%
723	723. Asutifi South	0	0%
724	724. Dormaa West	0	0%
725	725. Techiman North	0	0%
726	726. Banda	0	0%
727	727. Sene East	2	0.3%
801	801. Bole	0	0%
802	802. Sawla-Tuna-Kalba	1	0.1%
803	803. West Gonja	1	0.1%
804	804. Gonja Central	0	0%
805	805. East Gonja	0	0%
806	806. Kpandai	0	0%
807	807. Nanumba South	0	0%
808	808. Nanumba North	1	0.1%
809	809. Zabzugu	0	0%
810	810. Yendi Municipal	1	0.1%
811	811. Tamale Metropolis	12	1.6%
812	812. Tolon	0	0%

813	813. Savelugu Nanton	3	0.4%
814	814. Karaga	0	0%
815	815. Gushiegu	0	0%
816	816. Saboba	0	0%
817	817. Chereponi	0	0%
818	818. Bunkpurugu Yonyo	0	0%
819	819. Mamprusi East	0	0%
820	820. Mamprusi West	0	0%
821	821. North Gonja	0	0%
822	822. Kumbungu	0	0%
823	823. Sagnerigu Municipal	3	0.4%
824	824. Mion	0	0%
825	825. Tatale	0	0%
826	826. Mamprugu Moagduri	0	0%
901	901. Builsa North	1	0.1%
902	902. Kasena Nankana West	0	0%
903	903. Kasena Nankana East	3	0.4%
904	904. Bolgatanga Municipal	4	0.5%
905	905. Talensi	0	0%
906	906. Bongo	0	0%
907	907. Bawku West	2	0.3%
908	908. Garu Tempane	1	0.1%
909	909. Bawku Municipal	2	0.3%
910	910. Builsa South	0	0%
911	911. Nabdam	1	0.1%
912	912. Binduri	1	0.1%
913	913. Pusiga	1	0.1%
1001	1001. Wa West	0	0%
1002	1002. Wa Municipal	5	0.7%
1003	1003. Wa East	0	0%
1004	1004. Sissala East	0	0%
1005	1005. Nadowli-Kaleo	2	0.3%
1006	1006. Jirapa	1	0.1%
1007	1007. Sissala West	0	0%
1008	1008. Lambussie Karni	0	0%
1009	1009. Lawra	0	0%
1010	1010. Daffiama Bussie	0	0%
1011	1011. Nandom	1	0.1%

FIRMID_OLD_NIC: firmid original format (NIC)**Data file: geps-2003-2014-v1.dta****Overview**

Valid: 751 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
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10019		1	0.1%
10032		1	0.1%
10034		1	0.1%
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10057		1	0.1%
10075		1	0.1%
101036		1	0.1%
102004		1	0.1%
102040		1	0.1%
102057		1	0.1%
102092		1	0.1%
102118		1	0.1%
104020		1	0.1%
104064		1	0.1%
104082		1	0.1%
104125		1	0.1%
106033		1	0.1%
107010		1	0.1%
107021		1	0.1%
107040		1	0.1%
107045		1	0.1%
107048		1	0.1%
108010		1	0.1%
108014		1	0.1%
108018		1	0.1%
109023		1	0.1%

109029		1	0.1%
109038		1	0.1%
109046		1	0.1%
109066		1	0.1%
110034		1	0.1%
110039		1	0.1%
110044		1	0.1%
11008		1	0.1%
11010		1	0.1%
11024		1	0.1%
11029		1	0.1%
11050		1	0.1%
11071		1	0.1%
11080		1	0.1%
113018		1	0.1%
113041		1	0.1%
113052		1	0.1%
113060		1	0.1%
114090		1	0.1%
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114139		1	0.1%
114152		1	0.1%
114158		1	0.1%
114164		1	0.1%
115001		1	0.1%
115035		1	0.1%
115036		1	0.1%
115051		1	0.1%
115093		1	0.1%
115143		1	0.1%
118068		1	0.1%
118071		1	0.1%
119003		1	0.1%
119008		1	0.1%
120006		1	0.1%
121001		1	0.1%
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126095		1	0.1%
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129019		1	0.1%
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138144		1	0.1%
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143086		1	0.1%
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157016		1	0.1%
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158008		1	0.1%
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158084		1	0.1%
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160019		1	0.1%
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162009		1	0.1%
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163042		1	0.1%
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165080		1	0.1%
166010		1	0.1%

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166054		1	0.1%
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168008		1	0.1%
168015		1	0.1%
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168039		1	0.1%
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169007		1	0.1%
169008		1	0.1%
169014		1	0.1%
169016		1	0.1%
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170156		1	0.1%
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190016		1	0.1%
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FIRMID_OLD_IBES: firmid original format (IBES)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Width: 14 Range: - Format: character

Questions and instructions

CATEGORIES

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102/00/11/212		1	0.1%
103/00/01/092		1	0.1%
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303/00/02/243		1	0.1%
303/00/09/247		1	0.1%
303/00/13/068		1	0.1%
303/00/14/356		1	0.1%
303/00/15/104		1	0.1%
304/01/02/011		1	0.1%
304/01/07/016		1	0.1%
304/01/14/090		1	0.1%
304/01/18/002		1	0.1%
304/01/21/030		1	0.1%
304/01/26/004		1	0.1%
304/01/28/208		1	0.1%
304/01/33/113		1	0.1%
304/01/44/067		1	0.1%
304/01/48/085		1	0.1%
304/01/53/015		1	0.1%
304/01/57/067		1	0.1%
304/01/84/731		1	0.1%
304/02/12/142		1	0.1%
304/02/14/037		1	0.1%
304/02/16/001		1	0.1%

304/02/18/056		1	0.1%
304/02/22/132		1	0.1%
304/02/35/152		1	0.1%
304/02/39/108		1	0.1%
304/02/41/285		1	0.1%
304/02/43/204		1	0.1%
304/02/45/083		1	0.1%
304/02/46/059		1	0.1%
304/02/48/171		1	0.1%
304/02/53/082		1	0.1%
304/02/54/068		1	0.1%
304/02/58/134		1	0.1%
304/02/59/032		1	0.1%
304/02/60/167		1	0.1%
304/03/01/006		1	0.1%
304/03/01/111		1	0.1%
304/03/03/001		1	0.1%
304/03/03/051		1	0.1%
304/03/05/492		1	0.1%
304/03/05/588		1	0.1%
304/03/06/029		1	0.1%
304/03/12/021		1	0.1%
304/03/15/031		1	0.1%
304/03/15/048		1	0.1%
304/03/17/103		1	0.1%
304/03/18/620		1	0.1%
304/03/18/851		1	0.1%
304/03/19/065		1	0.1%
304/03/19/066		1	0.1%
304/03/20/084		1	0.1%
304/03/23/100		1	0.1%
304/03/29/362		1	0.1%
304/03/32/038		1	0.1%
304/03/32/197		1	0.1%
304/03/33/834		1	0.1%
304/03/33/882		1	0.1%
304/03/70/321		1	0.1%
304/03/71/777		1	0.1%
304/03/72/322		1	0.1%

304/03/72/895		1	0.1%
304/03/76/369		1	0.1%
304/03/77/086		1	0.1%
304/03/77/576		1	0.1%
304/03/77/891		1	0.1%
304/03/79/641		1	0.1%
304/03/80/087		1	0.1%
304/03/80/424		1	0.1%
304/03/80/558		1	0.1%
304/03/82/152		1	0.1%
304/04/14/009		1	0.1%
304/04/17/144		1	0.1%
304/04/26/060		1	0.1%
304/04/27/172		1	0.1%
304/06/01/038		1	0.1%
304/06/02/073		1	0.1%
304/06/06/055		1	0.1%
304/06/16/178		1	0.1%
304/06/22/063		1	0.1%
304/06/22/107		1	0.1%
304/06/34/153		1	0.1%
304/06/35/148		1	0.1%
304/07/07/077		1	0.1%
304/07/10/151		1	0.1%
304/07/12/055		1	0.1%
304/07/12/077		1	0.1%
304/07/21/110		1	0.1%
304/07/22/050		1	0.1%
304/07/22/054		1	0.1%
304/07/24/048		1	0.1%
304/07/25/074		1	0.1%
304/07/72/001		1	0.1%
304/08/01/024		1	0.1%
304/08/01/075		1	0.1%
304/08/01/080		1	0.1%
304/08/02/040		1	0.1%
304/08/02/069		1	0.1%
304/08/02/070		1	0.1%
304/08/02/074		1	0.1%

304/08/02/075		1	0.1%
304/08/02/081		1	0.1%
304/08/02/096		1	0.1%
304/08/03/100		1	0.1%
304/08/03/157		1	0.1%
304/08/03/571		1	0.1%
304/08/05/127		1	0.1%
304/08/08/101		1	0.1%
304/08/08/179		1	0.1%
304/08/14/134		1	0.1%
304/08/16/017		1	0.1%
304/08/17/082		1	0.1%
304/08/17/107		1	0.1%
304/08/17/154		1	0.1%
304/08/18/178		1	0.1%
304/08/18/344		1	0.1%
304/08/18/903		1	0.1%
304/08/18/917		1	0.1%
304/08/23/129		1	0.1%
304/09/01/076		1	0.1%
304/09/04/051		1	0.1%
304/09/07/006		1	0.1%
304/09/07/028		1	0.1%
304/09/10/116		1	0.1%
304/09/13/119		1	0.1%
304/09/32/110		1	0.1%
304/09/39/123		1	0.1%
304/10/04/065		1	0.1%
304/10/13/175		1	0.1%
304/10/28/030		1	0.1%
304/10/28/055		1	0.1%
304/99/73/630		1	0.1%
304/99/79/578		1	0.1%
305/00/11/174		1	0.1%
305/00/17/043		1	0.1%
305/00/26/184		1	0.1%
306/00/07/187		1	0.1%
306/00/10/098		1	0.1%
306/00/10/135		1	0.1%

306/00/16/010		1	0.1%
306/00/21/121		1	0.1%
306/00/26/103		1	0.1%
306/00/27/287		1	0.1%
306/00/28/297		1	0.1%
306/00/29/159		1	0.1%
306/00/29/227		1	0.1%
306/00/70/156		1	0.1%
307/00/01/422		1	0.1%
307/00/02/113		1	0.1%
307/00/04/131		1	0.1%
307/00/04/403		1	0.1%
307/00/05/070		1	0.1%
307/00/05/163		1	0.1%
307/00/06/131		1	0.1%
307/00/11/089		1	0.1%
307/00/14/106		1	0.1%
307/00/20/227		1	0.1%
307/00/20/334		1	0.1%
307/00/21/024		1	0.1%
307/00/22/226		1	0.1%
307/00/27/009		1	0.1%
308/01/04/097		1	0.1%
308/01/06/408		1	0.1%
308/01/07/030		1	0.1%
308/01/12/212		1	0.1%
308/01/12/229		1	0.1%
308/01/14/111		1	0.1%
308/01/15/171		1	0.1%
308/01/16/065		1	0.1%
308/01/21/093		1	0.1%
308/01/21/249		1	0.1%
308/01/38/049		1	0.1%
308/01/38/070		1	0.1%
308/01/70/176		1	0.1%
308/01/71/756		1	0.1%
308/01/72/674		1	0.1%
308/01/72/724		1	0.1%
308/01/73/060		1	0.1%

308/02/13/028		1	0.1%
308/02/15/014		1	0.1%
308/02/15/044		1	0.1%
308/02/15/057		1	0.1%
308/02/16/075		1	0.1%
308/02/16/105		1	0.1%
308/02/16/118		1	0.1%
308/02/16/207		1	0.1%
308/02/16/239		1	0.1%
308/02/16/376		1	0.1%
308/02/16/380		1	0.1%
308/02/16/387		1	0.1%
308/02/16/432		1	0.1%
308/02/21/469		1	0.1%
308/02/27/053		1	0.1%
308/02/27/087		1	0.1%
308/02/27/090		1	0.1%
308/02/29/078		1	0.1%
308/02/29/120		1	0.1%
308/02/34/020		1	0.1%
308/02/34/033		1	0.1%
308/02/34/055		1	0.1%
308/02/35/015		1	0.1%
308/02/36/167		1	0.1%
308/02/39/631		1	0.1%
308/02/39/731		1	0.1%
308/02/40/137		1	0.1%
308/02/40/174		1	0.1%
308/02/40/321		1	0.1%
308/02/40/324		1	0.1%
308/02/40/446		1	0.1%
308/02/69/009		1	0.1%
308/02/69/025		1	0.1%
308/02/69/086		1	0.1%
308/02/71/482		1	0.1%
311/00/12/296		1	0.1%
312/00/01/293		1	0.1%
312/00/03/101		1	0.1%
312/00/03/178		1	0.1%

312/00/03/248		1	0.1%
312/00/03/373		1	0.1%
312/00/04/095		1	0.1%
312/00/11/063		1	0.1%
312/00/11/116		1	0.1%
312/00/19/048		1	0.1%
313/00/04/118		1	0.1%
313/00/08/289		1	0.1%
313/00/12/131		1	0.1%
314/00/01/138		1	0.1%
314/00/01/191		1	0.1%
314/00/11/125		1	0.1%
315/00/01/012		1	0.1%
315/00/01/762		1	0.1%
401/00/11/121		1	0.1%
401/00/12/201		1	0.1%
402/00/05/082		1	0.1%
402/00/12/169		1	0.1%
402/00/12/183		1	0.1%
402/00/14/003		1	0.1%
402/00/15/062		1	0.1%
403/00/08/335		1	0.1%
403/00/17/056		1	0.1%
403/00/20/081		1	0.1%
404/00/01/170		1	0.1%
404/00/12/073		1	0.1%
405/00/06/104		1	0.1%
405/00/07/210		1	0.1%
405/00/08/073		1	0.1%
406/00/02/112		1	0.1%
408/00/17/034		1	0.1%
408/00/17/061		1	0.1%
408/00/21/117		1	0.1%
408/00/28/087		1	0.1%
408/00/34/052		1	0.1%
411/00/12/040		1	0.1%
411/00/18/052		1	0.1%
412/00/08/068		1	0.1%
414/00/01/053		1	0.1%

414/00/02/163		1	0.1%
414/00/02/167		1	0.1%
414/00/05/020		1	0.1%
415/00/19/045		1	0.1%
419/00/12/140		1	0.1%
419/00/13/090		1	0.1%
420/00/04/033		1	0.1%
502/00/02/140		1	0.1%
502/00/02/158		1	0.1%
502/00/02/298		1	0.1%
502/00/06/017		1	0.1%
502/00/13/166		1	0.1%
502/00/13/175		1	0.1%
502/00/14/165		1	0.1%
502/00/14/256		1	0.1%
502/00/14/446		1	0.1%
502/00/15/504		1	0.1%
502/00/16/071		1	0.1%
502/00/16/122		1	0.1%
502/00/70/236		1	0.1%
503/00/06/034		1	0.1%
503/00/07/057		1	0.1%
503/00/08/052		1	0.1%
504/00/03/085		1	0.1%
504/00/08/160		1	0.1%
504/00/10/226		1	0.1%
505/00/03/130		1	0.1%
505/00/06/027		1	0.1%
505/00/70/066		1	0.1%
506/00/04/096		1	0.1%
506/00/08/102		1	0.1%
507/00/05/011		1	0.1%
507/00/06/044		1	0.1%
507/00/07/070		1	0.1%
507/00/14/082		1	0.1%
507/00/17/171		1	0.1%
507/00/17/308		1	0.1%
507/00/17/367		1	0.1%
507/00/17/384		1	0.1%

507/00/18/078		1	0.1%
507/00/18/157		1	0.1%
507/00/18/216		1	0.1%
507/00/25/177		1	0.1%
507/00/29/417		1	0.1%
507/00/31/030		1	0.1%
507/00/34/009		1	0.1%
507/00/35/043		1	0.1%
507/00/36/046		1	0.1%
507/00/37/187		1	0.1%
507/00/70/020		1	0.1%
508/00/04/011		1	0.1%
508/00/04/216		1	0.1%
508/00/05/071		1	0.1%
508/00/05/095		1	0.1%
508/00/06/161		1	0.1%
508/00/13/091		1	0.1%
508/00/15/002		1	0.1%
509/00/02/030		1	0.1%
509/00/02/117		1	0.1%
509/00/03/160		1	0.1%
509/00/05/062		1	0.1%
509/00/05/072		1	0.1%
509/00/09/088		1	0.1%
509/00/09/263		1	0.1%
509/00/10/046		1	0.1%
509/00/12/063		1	0.1%
510/00/02/002		1	0.1%
510/00/02/299		1	0.1%
510/00/13/012		1	0.1%
511/00/10/116		1	0.1%
511/00/10/316		1	0.1%
513/00/19/142		1	0.1%
514/00/15/066		1	0.1%
514/00/15/148		1	0.1%
515/00/10/036		1	0.1%
515/00/14/002		1	0.1%
515/00/15/011		1	0.1%
516/00/06/038		1	0.1%

516/00/11/054		1	0.1%
518/00/04/213		1	0.1%
518/00/06/007		1	0.1%
518/00/08/032		1	0.1%
519/00/02/434		1	0.1%
521/00/11/173		1	0.1%
524/00/11/010		1	0.1%
601/00/70/026		1	0.1%
603/00/13/179		1	0.1%
605/00/03/382		1	0.1%
605/00/09/175		1	0.1%
605/00/09/176		1	0.1%
605/00/13/147		1	0.1%
605/00/15/053		1	0.1%
605/00/15/071		1	0.1%
605/00/15/178		1	0.1%
605/00/15/250		1	0.1%
605/00/17/173		1	0.1%
605/00/17/287		1	0.1%
605/00/18/036		1	0.1%
605/00/18/113		1	0.1%
605/00/70/231		1	0.1%
606/00/12/057		1	0.1%
607/00/17/462		1	0.1%
607/00/19/059		1	0.1%
610/00/05/013		1	0.1%
610/00/06/077		1	0.1%
610/00/06/377		1	0.1%
611/00/15/037		1	0.1%
611/00/15/056		1	0.1%
611/00/15/164		1	0.1%
612/00/08/127		1	0.1%
612/00/11/080		1	0.1%
612/00/13/079		1	0.1%
612/00/16/052		1	0.1%
614/01/02/054		1	0.1%
614/01/04/047		1	0.1%
614/01/07/136		1	0.1%
614/01/10/034		1	0.1%

614/01/16/255		1	0.1%
614/01/17/074		1	0.1%
614/01/18/054		1	0.1%
614/01/22/132		1	0.1%
614/01/26/118		1	0.1%
614/01/32/039		1	0.1%
614/01/34/128		1	0.1%
614/01/36/007		1	0.1%
614/01/40/064		1	0.1%
614/01/43/077		1	0.1%
614/01/43/092		1	0.1%
614/01/43/101		1	0.1%
614/01/46/087		1	0.1%
614/01/48/027		1	0.1%
614/02/04/091		1	0.1%
614/02/04/114		1	0.1%
614/02/06/018		1	0.1%
614/02/08/074		1	0.1%
614/02/13/145		1	0.1%
614/02/15/074		1	0.1%
614/02/20/021		1	0.1%
614/02/23/083		1	0.1%
614/02/23/161		1	0.1%
614/02/25/025		1	0.1%
614/02/26/080		1	0.1%
614/02/29/004		1	0.1%
614/02/32/141		1	0.1%
614/03/02/127		1	0.1%
614/03/11/035		1	0.1%
614/03/13/070		1	0.1%
614/03/19/053		1	0.1%
614/03/21/117		1	0.1%
614/03/23/011		1	0.1%
614/03/28/061		1	0.1%
614/03/31/018		1	0.1%
614/03/31/059		1	0.1%
614/03/31/096		1	0.1%
614/03/36/154		1	0.1%
614/03/46/033		1	0.1%

614/03/47/002		1	0.1%
614/03/47/006		1	0.1%
614/03/58/036		1	0.1%
614/03/68/082		1	0.1%
614/03/68/379		1	0.1%
614/03/68/583		1	0.1%
614/03/69/007		1	0.1%
614/03/70/900		1	0.1%
614/03/71/708		1	0.1%
614/03/72/054		1	0.1%
614/04/09/005		1	0.1%
614/04/09/015		1	0.1%
614/04/09/029		1	0.1%
614/04/09/082		1	0.1%
614/04/13/019		1	0.1%
614/04/13/135		1	0.1%
614/04/18/117		1	0.1%
614/04/20/034		1	0.1%
614/04/22/024		1	0.1%
614/04/22/036		1	0.1%
614/04/22/056		1	0.1%
614/04/23/041		1	0.1%
614/04/24/030		1	0.1%
614/04/28/176		1	0.1%
614/04/31/056		1	0.1%
614/04/31/063		1	0.1%
614/05/14/012		1	0.1%
614/05/14/155		1	0.1%
614/05/19/011		1	0.1%
614/05/30/122		1	0.1%
614/05/36/025		1	0.1%
614/05/41/149		1	0.1%
614/05/41/194		1	0.1%
614/05/43/050		1	0.1%
614/05/45/053		1	0.1%
614/05/46/049		1	0.1%
614/06/06/082		1	0.1%
614/06/16/019		1	0.1%
614/06/22/061		1	0.1%

614/06/36/027		1	0.1%
614/06/40/025		1	0.1%
614/06/41/048		1	0.1%
614/06/46/042		1	0.1%
614/07/01/103		1	0.1%
614/07/26/005		1	0.1%
614/07/38/085		1	0.1%
614/07/38/108		1	0.1%
614/08/20/009		1	0.1%
614/08/45/282		1	0.1%
614/09/01/008		1	0.1%
614/09/02/058		1	0.1%
614/09/03/024		1	0.1%
614/09/03/026		1	0.1%
614/09/03/090		1	0.1%
614/09/04/104		1	0.1%
614/09/04/133		1	0.1%
614/09/06/081		1	0.1%
614/09/09/059		1	0.1%
614/09/10/049		1	0.1%
614/09/10/304		1	0.1%
614/09/10/371		1	0.1%
614/09/13/107		1	0.1%
614/09/13/144		1	0.1%
614/09/14/015		1	0.1%
614/09/23/111		1	0.1%
614/09/25/095		1	0.1%
614/09/27/039		1	0.1%
614/09/32/115		1	0.1%
614/09/40/175		1	0.1%
614/99/71/715		1	0.1%
614/99/72/610		1	0.1%
615/00/02/104		1	0.1%
617/00/10/274		1	0.1%
617/00/10/438		1	0.1%
618/00/04/054		1	0.1%
619/00/05/007		1	0.1%
619/00/11/140		1	0.1%
619/00/20/009		1	0.1%

619/00/20/049		1	0.1%
621/00/70/012		1	0.1%
622/00/03/144		1	0.1%
622/00/07/175		1	0.1%
622/00/07/196		1	0.1%
622/00/08/157		1	0.1%
622/00/08/252		1	0.1%
623/00/05/140		1	0.1%
625/00/04/025		1	0.1%
626/00/01/045		1	0.1%
626/00/09/050		1	0.1%
628/00/07/010		1	0.1%
628/00/07/015		1	0.1%
628/00/21/106		1	0.1%
628/00/23/087		1	0.1%
628/00/27/005		1	0.1%
628/00/43/036		1	0.1%
628/00/43/096		1	0.1%
628/00/44/008		1	0.1%
628/00/52/197		1	0.1%
629/00/02/011		1	0.1%
629/00/02/055		1	0.1%
702/00/15/008		1	0.1%
702/00/16/117		1	0.1%
702/00/17/300		1	0.1%
702/00/18/049		1	0.1%
703/00/05/109		1	0.1%
704/00/12/172		1	0.1%
707/00/03/021		1	0.1%
707/00/08/059		1	0.1%
708/00/01/008		1	0.1%
708/00/04/018		1	0.1%
708/00/05/213		1	0.1%
708/00/06/209		1	0.1%
708/00/06/229		1	0.1%
708/00/07/085		1	0.1%
708/00/08/015		1	0.1%
708/00/08/051		1	0.1%
708/00/08/138		1	0.1%

708/00/09/061		1	0.1%
708/00/09/112		1	0.1%
708/00/09/208		1	0.1%
708/00/10/046		1	0.1%
708/00/10/098		1	0.1%
708/00/10/279		1	0.1%
708/00/11/269		1	0.1%
708/00/12/514		1	0.1%
708/00/13/287		1	0.1%
708/00/13/302		1	0.1%
708/00/16/032		1	0.1%
708/00/16/047		1	0.1%
708/00/19/216		1	0.1%
708/00/22/041		1	0.1%
708/00/25/027		1	0.1%
708/00/25/214		1	0.1%
708/00/25/256		1	0.1%
709/00/10/026		1	0.1%
710/00/02/276		1	0.1%
710/00/06/520		1	0.1%
710/00/06/635		1	0.1%
710/00/07/104		1	0.1%
710/00/07/290		1	0.1%
710/00/08/044		1	0.1%
710/00/08/216		1	0.1%
711/00/04/178		1	0.1%
711/00/06/115		1	0.1%
712/00/09/119		1	0.1%
712/00/10/026		1	0.1%
714/00/08/122		1	0.1%
714/00/08/334		1	0.1%
714/00/09/041		1	0.1%
715/00/12/016		1	0.1%
715/00/12/155		1	0.1%
715/00/23/022		1	0.1%
715/00/24/014		1	0.1%
715/00/24/118		1	0.1%
715/00/70/101		1	0.1%
716/00/13/230		1	0.1%

716/00/13/291		1	0.1%
718/00/09/012		1	0.1%
719/00/04/200		1	0.1%
727/00/08/074		1	0.1%
727/00/09/035		1	0.1%
802/00/07/022		1	0.1%
803/00/02/009		1	0.1%
808/00/06/012		1	0.1%
810/00/07/201		1	0.1%
811/01/03/021		1	0.1%
811/01/05/083		1	0.1%
811/02/02/093		1	0.1%
811/02/06/349		1	0.1%
811/02/06/875		1	0.1%
811/02/20/034		1	0.1%
811/02/26/066		1	0.1%
811/02/26/172		1	0.1%
811/02/33/132		1	0.1%
811/02/38/084		1	0.1%
811/02/38/103		1	0.1%
811/02/39/087		1	0.1%
813/00/09/091		1	0.1%
813/00/11/071		1	0.1%
813/00/11/140		1	0.1%
823/00/03/047		1	0.1%
823/00/05/030		1	0.1%
823/00/11/020		1	0.1%
901/00/04/079		1	0.1%
903/00/02/015		1	0.1%
903/00/08/153		1	0.1%
903/00/08/376		1	0.1%
904/00/08/056		1	0.1%
904/00/20/002		1	0.1%
904/00/21/093		1	0.1%
904/00/30/027		1	0.1%
907/00/07/137		1	0.1%
907/00/70/068		1	0.1%
908/00/02/055		1	0.1%
909/00/07/156		1	0.1%

909/00/10/042		1	0.1%
911/00/04/013		1	0.1%
912/00/04/011		1	0.1%
913/00/03/086		1	0.1%

ISIC4_NIC: ISIC Revision 4 - 4 Digit Code (NIC)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 113 Range: 1010 - 5920 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1010	1010. Processing and preserving of meat	0	0%
1020	1020. Processing and preserving of fish, crustaceans and molluscs	2	0.3%
1030	1030. Processing and preserving of fruit and vegetables	0	0%
1040	1040. Manufacture of vegetable and animal oils and fats	4	0.5%
1050	1050. Manufacture of dairy products	1	0.1%
1061	1061. Manufacture of grain mill products	29	3.9%
1062	1062. Manufacture of starches and starch products	2	0.3%
1071	1071. Manufacture of bakery products	12	1.6%
1072	1072. Manufacture of sugar	0	0%
1073	1073. Manufacture of cocoa, chocolate and sugar confectionery	4	0.5%
1074	1074. Manufacture of macaroni, noodles, couscous and similar farinaceous products	0	0%
1079	1079. Manufacture of other food products n.e.c.	0	0%
1080	1080. Manufacture of prepared animal feeds	2	0.3%
1101	1101. Distilling, rectifying and blending of spirits	3	0.4%
1102	1102. Manufacture of wines	0	0%
1103	1103. Manufacture of malt liquors and malt	0	0%
1104	1104. Manufacture of soft drinks; production of mineral waters and other bottled waters	4	0.5%
1200	1200. Manufacture of tobacco products	0	0%
1311	1311. Preparation and spinning of textile fibres**	0	0%
1312	1312. Weaving of textiles**	1	0.1%
1313	1313. Finishing of textiles	0	0%
1391	1391. Manufacture of knitted and crocheted fabrics	0	0%
1392	1392. Manufacture of made-up textile articles, except apparel	0	0%

1393	1393. Manufacture of carpets and rugs	0	0%
1394	1394. Manufacture of cordage, rope, twine and netting	0	0%
1399	1399. Manufacture of other textiles n.e.c.	0	0%
1410	1410. Manufacture of wearing apparel, except fur apparel	352	46.9%
1420	1420. Manufacture of articles of fur	0	0%
1511	1511. Tanning and dressing of leather; dressing and dyeing of fur	0	0%
1512	1512. Manufacture of luggage, handbags and the like, saddlery and harness	0	0%
1520	1520. Manufacture of footwear	9	1.2%
1610	1610. Sawmilling and planing of wood	24	3.2%
1621	1621. Manufacture of veneer sheets and wood-based panels	5	0.7%
1622	1622. Manufacture of builders' carpentry and joinery	2	0.3%
1623	1623. Manufacture of wooden containers	0	0%
1629	1629. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	1	0.1%
1701	1701. Manufacture of pulp, paper and paperboard	0	0%
1702	1702. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	0	0%
1709	1709. Manufacture of other articles of paper and paperboard	1	0.1%
1811	1811. Printing	34	4.5%
1812	1812. Service activities related to printing	1	0.1%
1820	1820. Reproduction of recorded media	0	0%
1910	1910. Manufacture of coke oven products	0	0%
1920	1920. Manufacture of refined petroleum products	1	0.1%
2011	2011. Manufacture of basic chemicals	0	0%
2012	2012. Manufacture of fertilizers and nitrogen compounds	0	0%
2013	2013. Manufacture of plastics and synthetic rubber in primary forms	1	0.1%
2021	2021. Manufacture of pesticides and other agrochemical products	0	0%
2022	2022. Manufacture of paints, varnishes and similar coatings, printing ink and mastics	3	0.4%
2023	2023. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	4	0.5%
2029	2029. Manufacture of other chemical products n.e.c.	0	0%
2030	2030. Manufacture of man-made fibres	0	0%
2100	2100. Manufacture of pharmaceuticals, medicinal chemical and botanical products	11	1.5%
2211	2211. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres*	1	0.1%
2219	2219. Manufacture of other rubber products*	2	0.3%
2220	2220. Manufacture of plastics products	10	1.3%
2310	2310. Manufacture of glass and glass products	0	0%
2393	2393. Manufacture of other porcelain and ceramic products*	5	0.7%
2394	2394. Manufacture of cement, lime and plaster	1	0.1%
2395	2395. Manufacture of articles of concrete, cement and plaster	12	1.6%

2396	2396. Cutting, shaping and finishing of stone	0	0%
2399	2399. Manufacture of other non-metallic mineral products n.e.c.	0	0%
2410	2410. Manufacture of basic iron and steel	1	0.1%
2420	2420. Manufacture of basic precious and other non-ferrous metals	3	0.4%
2431	2431. Casting of iron and steel	0	0%
2432	2432. Casting of non-ferrous metals	0	0%
2511	2511. Manufacture of structural metal products	38	5.1%
2512	2512. Manufacture of tanks, reservoirs and containers of metal	4	0.5%
2513	2513. Manufacture of steam generators, except central heating hot water boilers	0	0%
2520	2520. Manufacture of weapons and ammunition	0	0%
2591	2591. Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0	0%
2592	2592. Treatment and coating of metals; machining	1	0.1%
2593	2593. Manufacture of cutlery, hand tools and general hardware	2	0.3%
2599	2599. Manufacture of other fabricated metal products n.e.c.	10	1.3%
2610	2610. Manufacture of electronic components and boards**	0	0%
2620	2620. Manufacture of computers and peripheral equipment**	0	0%
2630	2630. Manufacture of communication equipment**	0	0%
2640	2640. Manufacture of consumer electronics**	0	0%
2651	2651. Manufacture of measuring, testing, navigating and control equipment	0	0%
2660	2660. Manufacture of irradiation, electromedical and electrotherapeutic equipment*	0	0%
2670	2670. Manufacture of optical instruments and photographic equipment	0	0%
2710	2710. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	0	0%
2732	2732. Manufacture of other electronic and electric wires and cables*	0	0%
2740	2740. Manufacture of electric lighting equipment	0	0%
2750	2750. Manufacture of domestic appliances	0	0%
2811	2811. Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	1	0.1%
2815	2815. Manufacture of ovens, furnaces and furnace burners	0	0%
2816	2816. Manufacture of lifting and handling equipment	0	0%
2821	2821. Manufacture of agricultural and forestry machinery	2	0.3%
2822	2822. Manufacture of metal-forming machinery and machine tools*	0	0%
2823	2823. Manufacture of machinery for metallurgy	1	0.1%
2824	2824. Manufacture of machinery for mining, quarrying and construction	0	0%
2825	2825. Manufacture of machinery for food, beverage and tobacco processing	2	0.3%
2826	2826. Manufacture of machinery for textile, apparel and leather production	0	0%
2829	2829. Manufacture of other special-purpose machinery	0	0%
2910	2910. Manufacture of motor vehicles	0	0%
2920	2920. Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	0	0%
2930	2930. Manufacture of parts and accessories for motor vehicles	1	0.1%

3011	3011. Building of ships and floating structures*	0	0%
3092	3092. Manufacture of bicycles and invalid carriages	0	0%
3099	3099. Manufacture of other transport equipment n.e.c.	0	0%
3100	3100. Manufacture of furniture	129	17.2%
3211	3211. Manufacture of jewellery and related articles	5	0.7%
3220	3220. Manufacture of musical instruments	0	0%
3230	3230. Manufacture of sports goods	0	0%
3240	3240. Manufacture of games and toys	0	0%
3290	3290. Other manufacturing n.e.c.	7	0.9%
5811	5811. Book publishing*	0	0%
5813	5813. Publishing of newspapers, journals and periodicals	0	0%
5819	5819. Other publishing activities	0	0%
5920	5920. Sound recording and music publishing activities	0	0%

ISIC4_IBES: ISIC Revision 4 - 4 Digit Code (IBES)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 142 Range: 1010 - 5920 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1010	1010. Processing and preserving of meat	0	0%
1020	1020. Processing and preserving of fish, crustaceans and molluscs	1	0.1%
1030	1030. Processing and preserving of fruit and vegetables	0	0%
1040	1040. Manufacture of vegetable and animal oils and fats	2	0.3%
1050	1050. Manufacture of dairy products	0	0%
1061	1061. Manufacture of grain mill products	29	3.9%
1062	1062. Manufacture of starches and starch products	4	0.5%
1071	1071. Manufacture of bakery products	13	1.7%
1072	1072. Manufacture of sugar	0	0%
1073	1073. Manufacture of cocoa, chocolate and sugar confectionery	5	0.7%
1074	1074. Manufacture of macaroni, noodles, couscous and similar farinaceous products	0	0%
1079	1079. Manufacture of other food products n.e.c.	1	0.1%
1080	1080. Manufacture of prepared animal feeds	1	0.1%
1101	1101. Distilling, rectifying and blending of spirits	3	0.4%

1102	1102. Manufacture of wines	0	0%
1103	1103. Manufacture of malt liquors and malt	0	0%
1104	1104. Manufacture of soft drinks; production of mineral waters and other bottled waters	5	0.7%
1200	1200. Manufacture of tobacco products	0	0%
1311	1311. Preparation and spinning of textile fibres**	0	0%
1312	1312. Weaving of textiles**	1	0.1%
1313	1313. Finishing of textiles	0	0%
1391	1391. Manufacture of knitted and crocheted fabrics	0	0%
1392	1392. Manufacture of made-up textile articles, except apparel	0	0%
1393	1393. Manufacture of carpets and rugs	0	0%
1394	1394. Manufacture of cordage, rope, twine and netting	0	0%
1399	1399. Manufacture of other textiles n.e.c.	0	0%
1410	1410. Manufacture of wearing apparel, except fur apparel	350	46.6%
1420	1420. Manufacture of articles of fur	1	0.1%
1430		1	0.1%
1511	1511. Tanning and dressing of leather; dressing and dyeing of fur	0	0%
1512	1512. Manufacture of luggage, handbags and the like, saddlery and harness	0	0%
1520	1520. Manufacture of footwear	9	1.2%
1610	1610. Sawmilling and planing of wood	27	3.6%
1621	1621. Manufacture of veneer sheets and wood-based panels	2	0.3%
1622	1622. Manufacture of builders' carpentry and joinery	4	0.5%
1623	1623. Manufacture of wooden containers	0	0%
1629	1629. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	1	0.1%
1701	1701. Manufacture of pulp, paper and paperboard	0	0%
1702	1702. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	0	0%
1709	1709. Manufacture of other articles of paper and paperboard	1	0.1%
1811	1811. Printing	0	0%
1812	1812. Service activities related to printing	34	4.5%
1820	1820. Reproduction of recorded media	1	0.1%
1910	1910. Manufacture of coke oven products	0	0%
1920	1920. Manufacture of refined petroleum products	1	0.1%
2011	2011. Manufacture of basic chemicals	1	0.1%
2012	2012. Manufacture of fertilizers and nitrogen compounds	0	0%
2013	2013. Manufacture of plastics and synthetic rubber in primary forms	1	0.1%
2021	2021. Manufacture of pesticides and other agrochemical products	0	0%
2022	2022. Manufacture of paints, varnishes and similar coatings, printing ink and mastics	2	0.3%
2023	2023. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	4	0.5%

2029	2029. Manufacture of other chemical products n.e.c.	1	0.1%
2030	2030. Manufacture of man-made fibres	0	0%
2100	2100. Manufacture of pharmaceuticals, medicinal chemical and botanical products	11	1.5%
2211	2211. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres*	1	0.1%
2219	2219. Manufacture of other rubber products*	3	0.4%
2220	2220. Manufacture of plastics products	8	1.1%
2310	2310. Manufacture of glass and glass products	0	0%
2392		2	0.3%
2393	2393. Manufacture of other porcelain and ceramic products*	1	0.1%
2394	2394. Manufacture of cement, lime and plaster	1	0.1%
2395	2395. Manufacture of articles of concrete, cement and plaster	14	1.9%
2396	2396. Cutting, shaping and finishing of stone	0	0%
2399	2399. Manufacture of other non-metallic mineral products n.e.c.	0	0%
2410	2410. Manufacture of basic iron and steel	1	0.1%
2420	2420. Manufacture of basic precious and other non-ferrous metals	1	0.1%
2431	2431. Casting of iron and steel	1	0.1%
2432	2432. Casting of non-ferrous metals	0	0%
2511	2511. Manufacture of structural metal products	31	4.1%
2512	2512. Manufacture of tanks, reservoirs and containers of metal	3	0.4%
2513	2513. Manufacture of steam generators, except central heating hot water boilers	0	0%
2520	2520. Manufacture of weapons and ammunition	0	0%
2591	2591. Forging, pressing, stamping and roll-forming of metal; powder metallurgy	2	0.3%
2592	2592. Treatment and coating of metals; machining	10	1.3%
2593	2593. Manufacture of cutlery, hand tools and general hardware	2	0.3%
2599	2599. Manufacture of other fabricated metal products n.e.c.	8	1.1%
2610	2610. Manufacture of electronic components and boards**	0	0%
2620	2620. Manufacture of computers and peripheral equipment**	0	0%
2630	2630. Manufacture of communication equipment**	0	0%
2640	2640. Manufacture of consumer electronics**	0	0%
2651	2651. Manufacture of measuring, testing, navigating and control equipment	0	0%
2660	2660. Manufacture of irradiation, electromedical and electrotherapeutic equipment*	0	0%
2670	2670. Manufacture of optical instruments and photographic equipment	0	0%
2710	2710. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	0	0%
2732	2732. Manufacture of other electronic and electric wires and cables*	0	0%
2740	2740. Manufacture of electric lighting equipment	0	0%
2750	2750. Manufacture of domestic appliances	0	0%
2811	2811. Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	1	0.1%
2815	2815. Manufacture of ovens, furnaces and furnace burners	0	0%

2816	2816. Manufacture of lifting and handling equipment	0	0%
2818		1	0.1%
2821	2821. Manufacture of agricultural and forestry machinery	0	0%
2822	2822. Manufacture of metal-forming machinery and machine tools*	0	0%
2823	2823. Manufacture of machinery for metallurgy	0	0%
2824	2824. Manufacture of machinery for mining, quarrying and construction	0	0%
2825	2825. Manufacture of machinery for food, beverage and tobacco processing	3	0.4%
2826	2826. Manufacture of machinery for textile, apparel and leather production	0	0%
2829	2829. Manufacture of other special-purpose machinery	0	0%
2910	2910. Manufacture of motor vehicles	0	0%
2920	2920. Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	0	0%
2930	2930. Manufacture of parts and accessories for motor vehicles	1	0.1%
3011	3011. Building of ships and floating structures*	0	0%
3092	3092. Manufacture of bicycles and invalid carriages	0	0%
3099	3099. Manufacture of other transport equipment n.e.c.	0	0%
3100	3100. Manufacture of furniture	127	16.9%
3211	3211. Manufacture of jewellery and related articles	2	0.3%
3212		3	0.4%
3220	3220. Manufacture of musical instruments	0	0%
3230	3230. Manufacture of sports goods	0	0%
3240	3240. Manufacture of games and toys	0	0%
3290	3290. Other manufacturing n.e.c.	7	0.9%
5811	5811. Book publishing*	0	0%
5813	5813. Publishing of newspapers, journals and periodicals	0	0%
5819	5819. Other publishing activities	0	0%
5920	5920. Sound recording and music publishing activities	0	0%

ISIC4_2DIGIT_NIC: ISIC Revision 4 - 2 Digit Code (NIC)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 131 Range: 10 - 59 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10	10. Manufacture of food products	56	7.5%

11	11. Manufacture of beverages	7	0.9%
12	12. Manufacture of tobacco products	0	0%
13	13. Manufacture of textiles	1	0.1%
14	14. Manufacture of wearing apparel	352	46.9%
15	15. Manufacture of leather and related products	9	1.2%
16	16. Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	32	4.3%
17	17. Manufacture of paper and paper products	1	0.1%
18	18. Printing and reproduction of recorded media	35	4.7%
19	19. Manufacture of coke and refined petroleum products	1	0.1%
20	20. Manufacture of chemicals and chemical products	8	1.1%
21	21. Manufacture of pharmaceuticals, medicinal chemical and botanical products	11	1.5%
22	22. Manufacture of rubber and plastics products	13	1.7%
23	23. Manufacture of other non-metallic mineral products	18	2.4%
24	24. Manufacture of basic metals	4	0.5%
25	25. Manufacture of fabricated metal products, except machinery and equipment	55	7.3%
26	26. Manufacture of computer, electronic and optical products	0	0%
27	27. Manufacture of electrical equipment	0	0%
28	28. Manufacture of machinery and equipment n.e.c.	6	0.8%
29	29. Manufacture of motor vehicles, trailers and semi-trailers	1	0.1%
30	30. Manufacture of other transport equipment	0	0%
31	31. Manufacture of furniture	129	17.2%
32	32. Other manufacturing	12	1.6%
58	58. Publishing activities	0	0%
59	59. Motion picture, video and television programme production, sound recording and music publishing activities	0	0%

ISIC4_2DIGIT_IBES: ISIC Revision 4 - 2 Digit Code (IBES)

Data file: **geps-2003-2014-v1.dta**

Overview

Valid: 751 Invalid: 0

Type: Discrete Decimal: 0 Width: 131 Range: 10 - 59 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10	10. Manufacture of food products	56	7.5%
11	11. Manufacture of beverages	8	1.1%

12	12. Manufacture of tobacco products	0	0%
13	13. Manufacture of textiles	1	0.1%
14	14. Manufacture of wearing apparel	352	46.9%
15	15. Manufacture of leather and related products	9	1.2%
16	16. Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	34	4.5%
17	17. Manufacture of paper and paper products	1	0.1%
18	18. Printing and reproduction of recorded media	35	4.7%
19	19. Manufacture of coke and refined petroleum products	1	0.1%
20	20. Manufacture of chemicals and chemical products	9	1.2%
21	21. Manufacture of pharmaceuticals, medicinal chemical and botanical products	11	1.5%
22	22. Manufacture of rubber and plastics products	12	1.6%
23	23. Manufacture of other non-metallic mineral products	18	2.4%
24	24. Manufacture of basic metals	3	0.4%
25	25. Manufacture of fabricated metal products, except machinery and equipment	56	7.5%
26	26. Manufacture of computer, electronic and optical products	0	0%
27	27. Manufacture of electrical equipment	0	0%
28	28. Manufacture of machinery and equipment n.e.c.	5	0.7%
29	29. Manufacture of motor vehicles, trailers and semi-trailers	1	0.1%
30	30. Manufacture of other transport equipment	0	0%
31	31. Manufacture of furniture	127	16.9%
32	32. Other manufacturing	12	1.6%
58	58. Publishing activities	0	0%
59	59. Motion picture, video and television programme production, sound recording and music publishing activities	0	0%

Download related resources

Technical documents

A Guide to the Ghanaian Establishment Panel Study

Title	A Guide to the Ghanaian Establishment Panel Study
Author(s)	DataFirst
Date	2021-03-05
Description	This a user guide for the panel
Filename	geps-2003-2014-guide.pdf
