

Ghana - Ghanaian Establishment Panel Study 2003-2014

Ghanaian Statistical Service

Report generated on: May 11, 2026

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Identification

SURVEY ID NUMBER

gha-gss-geps-2003-2014-v1

TITLE

Ghanaian Establishment Panel Study 2003-2014

ABBREVIATION OR ACRONYM

GEPS 2003-2014

COUNTRY

Name	Country code
Ghana	GHA

STUDY TYPE

Enterprise/Establishment Census

ABSTRACT

The data is created from two firm censuses, both conducted by the Ghana Statistical Service. These were the 2003 National Industrial Census (NIC) and the 2014 Integrated Business Establishment Survey (IBES). Identifying information on these firms such as firm name, firm locations, contact person, contact number etc were sourced from GSS for the Integrated Business Establishment Survey (IBES) 2014 and from Francis Teal for National Industrial Census (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.

KIND OF DATA

Census/enumeration data

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 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

DATA COLLECTION NOTES

This panel was created by matching firms in two establishment censuses conducted by the Ghana Statistical Service, the National Industrial Census (NIC) 2003 and the

Integrated Business Establishment Survey (IBES) 2014. IBES Questionnaires for phase 1 and 2 can be found on the DataFirst website under the IBES phase 2 study: <https://doi.org/10.25828/7er4-cz67>

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. DOI: <https://doi.org/10.25828/EC26-1849>

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

2026-05-11

DDI DOCUMENT VERSION

Version 2

Data Description

Data file	Cases	Variables
geps-2003-2014-v1.dta	0	30

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

Cases: 0

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: 0 Invalid: 0
 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: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1 Format: Numeric

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

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 6058 - 400199 Format: Numeric

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

Valid: 0 Invalid: 0
 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: 0 Invalid: 0
 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: 0 Invalid: 0
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 1 Format: Numeric

REGION_NIC: Region (NIC)Data file: **geps-2003-2014-v1.dta****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1. Western
2	2. Central
3	3. Greater Accra
4	4. Volta
5	5. Eastern
6	6. Ashanti
7	7. Brong Ahafo
8	8. Northern
9	9. Upper East
10	10. Upper West

REGION_IBES: Region (IBES)Data file: **geps-2003-2014-v1.dta****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1. Western
2	2. Central
3	3. Greater Accra
4	4. Volta
5	5. Eastern
6	6. Ashanti

7	7. Brong Ahafo
8	8. Northern
9	9. Upper East
10	10. Upper West

DISTRICT_NIC: District (Harmonized)(NIC)

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

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
101	101. JOMORO
102	102. NZEMA EAST
103	103. AHANTA WEST
104	104. SHAMA AHANTA EAST
105	105. MPOHOR-WASSA EAST
106	106. WASSA WEST
107	107. WASSA AMENFI
110	110. SEFWI WIAWSO
111	111. BIBIANI ANHWIASO BEKWAI
201	201. KEEA
202	202. CAPE COAST
203	203. ABURA-ASEBU-KWAMANKESE
204	204. MFANTSIMAN
205	205. GOMOA
206	206. AWUTU EFUTU SENYA
207	207. AGONA
208	208. ASIKUMA ODOBEN BRAKWA
209	209. AJUMAKO-ENYAN-ESIAM
210	210. ASSIN
211	211. LOWER DENKYIRA
212	212. UPPER DENKYIRA
301	301. ACCRA METROPOLITAN ASSEMBLY
302	302. GA

303	303. TEMA MUNICIPALITY
304	304. DANGME WEST
401	401. SOUTH TONGU
402	402. KETA
403	403. KETU
404	404. AKATSI
405	405. NORTH TONGU
406	406. HO
408	408. HOHOE
409	409. JASIKAN
410	410. KADJEBI
411	411. NKWANTA
501	501. BIRIM NORTH
502	502. BIRIM SOUTH
503	503. WEST AKIM
504	504. KWAEBIBIREM
505	505. SUHUM KRABOA COALTAR
506	506. EAST AKIM
508	508. NEW JUABEN
509	509. AKUAPIM SOUTH
510	510. AKUAPIM-NORTH
511	511. YILO KROBO
512	512. MANYA KROBO
513	513. ASUOGYAMAN
514	514. AFRAM PLAINS
515	515. KWAHU SOUTH
601	601. ATWIMA
603	603. AMANSIE EAST
604	604. ADANSI WEST
606	606. ASANTE AKIM SOUTH
607	607. ASANTE AKIM NORTH
608	608. EJISU JUABENG
609	609. BOSOMTWE ATWIMA KWANWOMA
610	610. KUMASI METROPOLIS
611	611. KWABRE
612	612. AFIGYA SEKYERE
613	613. SEKYERE EAST
614	614. SEKYERE WEST
615	615. EJURA-SEKYEDUMASE

616	616. OFFINSO
617	617. AHAFO ANO SOUTH
618	618. AHAFO ANO NORTH
701	701. ASUNAFO DISTRICT
702	702. ASUTIFI
703	703. TANO
704	704. SUNYANI
705	705. DORMAA
706	706. JAMAN
707	707. BEREKUM
708	708. WENCHI
709	709. TECHIMAN
710	710. NKORANZA
712	712. ATEBUBU
713	713. SENE
802	802. WEST GONJA
804	804. NANUMBA
807	807. YENDI
808	808. GUSHIEGU-KARAGA
809	809. SAVELUGU NANTON
810	810. TAMALE METROPOLITAN ASSEMBLY
811	811. TOLON-KUMBUNGU
901	901. BUILSA DISTRICT
902	902. KASSENA-NANKANA
904	904. BOLGATANGA
905	905. BAWKU WEST
906	906. BAWKU EAST
1001	1001. WA
1002	1002. NADOWLI
1003	1003. SISSALA
1004	1004. JIRAPA LAMBUSSIE
1005	1005. LAWRA

DISTRICT_IBES: District (Harmonized)(IBES)

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

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
101	101. JOMORO
102	102. NZEMA EAST
103	103. AHANTA WEST
104	104. SHAMA AHANTA EAST
105	105. MPOHOR-WASSA EAST
106	106. WASSA WEST
107	107. WASSA AMENFI
108	108. AOWIN SUAMAN
110	110. SEFWI WIAWSO
201	201. KEEA
202	202. CAPE COAST
203	203. ABURA-ASEBU-KWAMANKESE
204	204. MFANTSIMAN
205	205. GOMOA
206	206. AWUTU EFUTU SENYA
207	207. AGONA
208	208. ASIKUMA ODOBEN BRAKWA
209	209. AJUMAKO-ENYAN-ESIAM
210	210. ASSIN
211	211. LOWER DENKYIRA
212	212. UPPER DENKYIRA
301	301. ACCRA METROPOLITAN ASSEMBLY
302	302. GA
303	303. TEMA MUNICIPALITY
304	304. DANGME WEST
401	401. SOUTH TONGU
402	402. KETA
403	403. KETU
404	404. AKATSI
405	405. NORTH TONGU
406	406. HO
408	408. HOHOE
409	409. JASIKAN
410	410. KADJEBI
412	412. KRACHI

501	501. BIRIM NORTH
502	502. BIRIM SOUTH
503	503. WEST AKIM
504	504. KWAEBIBIREM
505	505. SUHUM KRABOA COALTAR
506	506. EAST AKIM
508	508. NEW JUABEN
509	509. AKUAPIM SOUTH
510	510. AKUAPIM-NORTH
511	511. YILO KROBO
512	512. MANYA KROBO
513	513. ASUOGYAMAN
514	514. AFRAM PLAINS
515	515. KWAHU SOUTH
601	601. ATWIMA
603	603. AMANSIE EAST
604	604. ADANSI WEST
607	607. ASANTE AKIM NORTH
608	608. EJISU JUABENG
609	609. BOSOMTWE ATWIMA KWANWOMA
610	610. KUMASI METROPOLIS
611	611. KWABRE
612	612. AFIGYA SEKYERE
613	613. SEKYERE EAST
614	614. SEKYERE WEST
615	615. EJURA-SEKYEDUMASE
616	616. OFFINSO
618	618. AHAFO ANO NORTH
701	701. ASUNAFO DISTRICT
702	702. ASUTIFI
703	703. TANO
704	704. SUNYANI
705	705. DORMAA
706	706. JAMAN
707	707. BEREKUM
708	708. WENCHI
709	709. TECHIMAN
710	710. NKORANZA
712	712. ATEBUBU

713	713. SENE
801	801. BOLE
802	802. WEST GONJA
804	804. NANUMBA
807	807. YENDI
809	809. SAVELUGU NANTON
810	810. TAMALE METROPOLITAN ASSEMBLY
901	901. BUILSA DISTRICT
902	902. KASSENA-NANKANA
904	904. BOLGATANGA
905	905. BAWKU WEST
906	906. BAWKU EAST
1001	1001. WA
1002	1002. NADOWLI
1004	1004. JIRAPA LAMBUSSIE
1005	1005. LAWRA

SIMIL_SUBS: Similarity Score between suburbs (Both)

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

Overview

Valid: 0 Invalid: 0

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: 0 Invalid: 0

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: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	1. Sole Proprietorship
2	2. Partnership
3	3. Private Limited Company by Gurantee
4	4. Public Limited Company
5	5. Statutory
6	6. Other Governmental Institutions(MDAs etc)
7	7. Quasi Government
8	8. Parastatal Government
9	9. Non Governmental Organization (NGO)

10	10. Cooperative
11	11. Association/Groups

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

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

Overview

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

Questions and instructions

CATEGORIES

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

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

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

Overview

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

ORGFORM_NIC: Organisational form (NIC)

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

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	1. Subsidiary
2	2. Single Establishment
3	3. Head office

ORGFORM_IBES: Organisational form (IBES)

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

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	1. Head Office (Owns and controls another estab)
2	2. Single Establishment (Neither controlled by another estab, many control sites)
3	3. Subsidiary (Owned and controlled by another estab)

SECONDACTIVITYCODE_NIC: Secondary Activity Code (Original Variable)(NIC)

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

Overview

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

SECONDACTIVITYCODE_IBES: Secondary Activity Code (Original Variable)(IBES)

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

Overview

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

Questions and instructions

CATEGORIES

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

322	322. Freshwater aquaculture
510	510. Mining of hard coal
520	520. Mining of lignite
610	610. Extraction of crude petroleum
620	620. Extraction of natural gas
710	710. Mining of iron ores
721	721. Mining of uranium and thorium ores
729	729. Mining of other non-ferrous metal ores
810	810. Quarrying of stone, sand and clay
891	891. Mining of chemical and fertilizer minerals
892	892. Extraction of peat
893	893. Extraction of salt
899	899. Other mining and quarrying n.e.c.
910	910. Support activities for petroleum and natural gas extraction
990	990. Support activities for other mining and quarrying
1010	1010. Processing and preserving of meat
1020	1020. Processing and preserving of fish, crustaceans and molluscs
1030	1030. Processing and preserving of fruit and vegetables
1040	1040. Manufacture of vegetable and animal oils and fats
1050	1050. Manufacture of dairy products
1061	1061. Manufacture of grain mill products
1062	1062. Manufacture of starches and starch products
1071	1071. Manufacture of bakery products
1072	1072. Manufacture of sugar
1073	1073. Manufacture of cocoa, chocolate and sugar confectionery
1074	1074. Manufacture of macaroni, noodles, couscous and similar farinaceous products
1075	1075. Manufacture of prepared meals and dishes
1079	1079. Manufacture of other food products n.e.c.
1080	1080. Manufacture of prepared animal feeds
1101	1101. Distilling, rectifying and blending of spirits
1102	1102. Manufacture of wines
1103	1103. Manufacture of malt liquors and malt
1104	1104. Manufacture of soft drinks; production of mineral waters and other bottled waters
1200	1200. Manufacture of tobacco products
1311	1311. Preparation and spinning of textile fibres
1312	1312. Weaving of textiles
1313	1313. Finishing of textiles
1391	1391. Manufacture of knitted and crocheted fabrics
1392	1392. Manufacture of made-up textile articles, except apparel

1393	1393. Manufacture of carpets and rugs
1394	1394. Manufacture of cordage, rope, twine and netting
1399	1399. Manufacture of other textiles n.e.c.
1410	1410. Manufacture of wearing apparel, except fur apparel
1420	1420. Manufacture of articles of fur
1430	1430. Manufacture of knitted and crocheted apparel
1511	1511. Tanning and dressing of leather; dressing and dyeing of fur
1512	1512. Manufacture of luggage, handbags and the like, saddlery and harness
1520	1520. Manufacture of footwear
1610	1610. Sawmilling and planing of wood
1621	1621. Manufacture of veneer sheets and wood-based panels
1622	1622. Manufacture of builders' carpentry and joinery
1623	1623. Manufacture of wooden containers
1629	1629. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
1701	1701. Manufacture of pulp, paper and paperboard
1702	1702. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1709	1709. Manufacture of other articles of paper and paperboard
1812	1812. Service activities related to printing
1820	1820. Reproduction of recorded media
1910	1910. Manufacture of coke oven products
1920	1920. Manufacture of refined petroleum products
2011	2011. Manufacture of basic chemicals
2012	2012. Manufacture of fertilizers and nitrogen compounds
2013	2013. Manufacture of plastics and synthetic rubber in primary forms
2021	2021. Manufacture of pesticides and other agrochemical products
2022	2022. Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2023	2023. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
2029	2029. Manufacture of other chemical products n.e.c.
2030	2030. Manufacture of man-made fibres
2100	2100. Manufacture of pharmaceuticals, medicinal chemical and botanical products
2211	2211. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
2219	2219. Manufacture of other rubber products
2220	2220. Manufacture of plastics products
2310	2310. Manufacture of glass and glass products
2391	2391. Manufacture of refractory products
2392	2392. Manufacture of clay building materials
2393	2393. Manufacture of other porcelain and ceramic products
2394	2394. Manufacture of cement, lime and plaster
2395	2395. Manufacture of articles of concrete, cement and plaster

2396	2396. Cutting, shaping and finishing of stone
2399	2399. Manufacture of other non-metallic mineral products n.e.c.
2410	2410. Manufacture of basic iron and steel
2420	2420. Manufacture of basic precious and other non-ferrous metals
2431	2431. Casting of iron and steel
2432	2432. Casting of non-ferrous metals
2511	2511. Manufacture of structural metal products
2512	2512. Manufacture of tanks, reservoirs and containers of metal
2513	2513. Manufacture of steam generators, except central heating hot water boilers
2520	2520. Manufacture of weapons and ammunition
2591	2591. Forging, pressing, stamping and roll-forming of metal; powder metallurgy
2592	2592. Treatment and coating of metals; machining
2593	2593. Manufacture of cutlery, hand tools and general hardware
2599	2599. Manufacture of other fabricated metal products n.e.c.
2610	2610. Manufacture of electronic components and boards
2620	2620. Manufacture of computers and peripheral equipment
2630	2630. Manufacture of communication equipment
2640	2640. Manufacture of consumer electronics
2651	2651. Manufacture of measuring, testing, navigating and control equipment
2652	2652. Manufacture of watches and clocks
2660	2660. Manufacture of irradiation, electromedical and electrotherapeutic equipment
2670	2670. Manufacture of optical instruments and photographic equipment
2680	2680. Manufacture of magnetic and optical media
2710	2710. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2720	2720. Manufacture of batteries and accumulators
2731	2731. Manufacture of fibre optic cables
2732	2732. Manufacture of other electronic and electric wires and cables
2733	2733. Manufacture of wiring devices
2740	2740. Manufacture of electric lighting equipment
2750	2750. Manufacture of domestic appliances
2790	2790. Manufacture of other electrical equipment
2811	2811. Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2812	2812. Manufacture of fluid power equipment
2813	2813. Manufacture of other pumps, compressors, taps and valves
2814	2814. Manufacture of bearings, gears, gearing and driving elements
2815	2815. Manufacture of ovens, furnaces and furnace burners
2816	2816. Manufacture of lifting and handling equipment
2817	2817. Manufacture of office machinery and equipment (except computers and peripheral equipment)
2818	2818. Manufacture of power-driven hand tools

2819	2819. Manufacture of other general-purpose machinery
2821	2821. Manufacture of agricultural and forestry machinery
2822	2822. Manufacture of metal-forming machinery and machine tools
2823	2823. Manufacture of machinery for metallurgy
2824	2824. Manufacture of machinery for mining, quarrying and construction
2825	2825. Manufacture of machinery for food, beverage and tobacco processing
2826	2826. Manufacture of machinery for textile, apparel and leather production
2829	2829. Manufacture of other special-purpose machinery
2910	2910. Manufacture of motor vehicles
2920	2920. Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
2930	2930. Manufacture of parts and accessories for motor vehicles
3011	3011. Building of ships and floating structures
3012	3012. Building of pleasure and sporting boats
3020	3020. Manufacture of railway locomotives and rolling stock
3030	3030. Manufacture of air and spacecraft and related machinery
3040	3040. Manufacture of military fighting vehicles
3091	3091. Manufacture of motorcycles
3092	3092. Manufacture of bicycles and invalid carriages
3099	3099. Manufacture of other transport equipment n.e.c.
3100	3100. Manufacture of furniture
3211	3211. Manufacture of jewellery and related articles
3212	3212. Manufacture of imitation jewellery and related articles
3220	3220. Manufacture of musical instruments
3230	3230. Manufacture of sports goods
3240	3240. Manufacture of games and toys
3250	3250. Manufacture of medical and dental instruments and supplies
3290	3290. Other manufacturing n.e.c.
3311	3311. Repair of fabricated metal products
3312	3312. Repair of machinery
3313	3313. Repair of electronic and optical equipment
3314	3314. Repair of electrical equipment
3315	3315. Repair of transport equipment, except motor vehicles
3319	3319. Repair of other equipment
3320	3320. Installation of industrial machinery and equipment
3510	3510. Electric power generation, transmission and distribution
3520	3520. Manufacture of gas; distribution of gaseous fuels through mains
3530	3530. Steam and air conditioning supply
3600	3600. Water collection, treatment and supply
3700	3700. Sewerage

3811	3811. Collection of non-hazardous waste
3812	3812. Collection of hazardous waste
3821	3821. Treatment and disposal of non-hazardous waste
3822	3822. Treatment and disposal of hazardous waste
3830	3830. Materials recovery
3900	3900. Remediation activities and other waste management services
4100	4100. Construction of buildings
4210	4210. Construction of roads and railways
4220	4220. Construction of utility projects
4290	4290. Construction of other civil engineering projects
4311	4311. Demolition
4312	4312. Site preparation
4321	4321. Electrical installation
4322	4322. Plumbing, heat and air-conditioning installation
4329	4329. Other construction installation
4330	4330. Building completion and finishing
4390	4390. Other specialized construction activities
4510	4510. Sale of motor vehicles
4520	4520. Maintenance and repair of motor vehicles
4530	4530. Sale of motor vehicle parts and accessories
4540	4540. Sale, maintenance and repair of motorcycles and related parts and accessories
4610	4610. Wholesale on a fee or contract basis
4620	4620. Wholesale of agricultural raw materials and live animals
4630	4630. Wholesale of food, beverages and tobacco
4641	4641. Wholesale of textiles, clothing and footwear
4649	4649. Wholesale of other household goods
4651	4651. Wholesale of computers, computer peripheral equipment and software
4652	4652. Wholesale of electronic and telecommunications equipment and parts
4653	4653. Wholesale of agricultural machinery, equipment and supplies
4659	4659. Wholesale of other machinery and equipment
4661	4661. Wholesale of solid, liquid and gaseous fuels and related products
4662	4662. Wholesale of metals and metal ores
4663	4663. Wholesale of construction materials, hardware, plumbing and heating equipment and supplies
4669	4669. Wholesale of waste and scrap and other products n.e.c.
4690	4690. Non-specialized wholesale trade
4711	4711. Retail sale in non-specialized stores with food, beverages or tobacco predominating
4719	4719. Other retail sale in non-specialized stores
4721	4721. Retail sale of food in specialized stores
4722	4722. Retail sale of beverages in specialized stores

4723	4723. Retail sale of tobacco products in specialized stores
4730	4730. Retail sale of automotive fuel in specialized stores
4741	4741. Retail sale of computers, peripheral units, software and telecommunications equipment in specialized stores
4742	4742. Retail sale of audio and video equipment in specialized stores
4751	4751. Retail sale of textiles in specialized stores
4752	4752. Retail sale of hardware, paints and glass in specialized stores
4753	4753. Retail sale of carpets, rugs, wall and floor coverings in specialized stores
4759	4759. Retail sale of electrical household appliances, furniture, lighting equipment and other household articles in specialized stores
4761	4761. Retail sale of books, newspapers and stationary in specialized stores
4762	4762. Retail sale of music and video recordings in specialized stores
4763	4763. Retail sale of sporting equipment in specialized stores
4764	4764. Retail sale of games and toys in specialized stores
4771	4771. Retail sale of clothing, footwear and leather articles in specialized stores
4772	4772. Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles in specialized stores
4773	4773. Other retail sale of new goods in specialized stores
4774	4774. Retail sale of second-hand goods
4781	4781. Retail sale via stalls and markets of food, beverages and tobacco products
4782	4782. Retail sale via stalls and markets of textiles, clothing and footwear
4789	4789. Retail sale via stalls and markets of other goods
4791	4791. Retail sale via mail order houses or via Internet
4799	4799. Other retail sale not in stores, stalls or markets
4911	4911. Passenger rail transport, interurban
4912	4912. Freight rail transport
4921	4921. Urban and suburban passenger land transport
4922	4922. Other passenger land transport
4923	4923. Freight transport by road
4930	4930. Transport via pipeline
5011	5011. Sea and coastal passenger water transport
5012	5012. Sea and coastal freight water transport
5021	5021. Inland passenger water transport
5022	5022. Inland freight water transport
5110	5110. Passenger air transport
5120	5120. Freight air transport
5210	5210. Warehousing and storage
5221	5221. Service activities incidental to land transportation
5222	5222. Service activities incidental to water transportation
5223	5223. Service activities incidental to air transportation
5224	5224. Cargo handling

5229	5229. Other transportation support activities
5310	5310. Postal activities
5320	5320. Courier activities
5510	5510. Short term accommodation activities
5520	5520. Camping grounds, recreational vehicle parks and trailer parks
5590	5590. Other accommodation
5610	5610. Restaurants and mobile food service activities
5621	5621. Event catering
5629	5629. Other food service activities
5630	5630. Beverage serving activities
5811	5811. Book publishing
5812	5812. Publishing of directories and mailing lists
5813	5813. Publishing of newspapers, journals and periodicals
5819	5819. Other publishing activities
5820	5820. Software publishing
5911	5911. Motion picture, video and television programme production activities
5912	5912. Motion picture, video and television programme post-production activities
5913	5913. Motion picture, video and television programme distribution activities
5914	5914. Motion picture projection activities
5920	5920. Sound recording and music publishing activities
6010	6010. Radio broadcasting
6020	6020. Television programming and broadcasting activities
6110	6110. Wired telecommunications activities
6120	6120. Wireless telecommunications activities
6130	6130. Satellite telecommunications activities
6190	6190. Other telecommunications activities
6201	6201. Computer programming activities
6202	6202. Computer consultancy and computer facilities management activities
6209	6209. Other information technology and computer service activities
6311	6311. Data processing, hosting and related activities
6312	6312. Web portals
6391	6391. News agency activities
6399	6399. Other information service activities n.e.c.
6411	6411. Central banking
6419	6419. Other monetary intermediation
6420	6420. Activities of holding companies
6430	6430. Trusts, funds and similar financial entities
6491	6491. Financial leasing
6492	6492. Other credit granting

6499	6499. Other financial service activities, except insurance and pension funding activities, n.e.c.
6511	6511. Life insurance
6512	6512. Non-life insurance
6520	6520. Reinsurance
6530	6530. Pension funding
6611	6611. Administration of financial markets
6612	6612. Security and commodity contracts brokerage
6619	6619. Other activities auxiliary to financial service activities
6621	6621. Risk and damage evaluation
6622	6622. Activities of insurance agents and brokers
6629	6629. Other activities auxiliary to insurance and pension funding
6630	6630. Fund management activities
6810	6810. Real estate activities with own or leased property
6820	6820. Real estate activities on a fee or contract basis
6910	6910. Legal activities
6920	6920. Accounting, bookkeeping and auditing activities; tax consultancy
7010	7010. Activities of head offices
7020	7020. Management consultancy activities
7110	7110. Architectural and engineering activities and related technical consultancy
7120	7120. Technical testing and analysis
7210	7210. Research and experimental development on natural sciences and engineering
7220	7220. Research and experimental development on social sciences and humanities
7310	7310. Advertising
7320	7320. Market research and public opinion polling
7410	7410. Specialized design activities
7420	7420. Photographic activities
7490	7490. Other professional, scientific and technical activities n.e.c.
7500	7500. Veterinary activities
7710	7710. Renting and leasing of motor vehicles
7721	7721. Renting and leasing of recreational and sports goods
7722	7722. Renting of video tapes and disks
7729	7729. Renting and leasing of other personal and household goods
7730	7730. Renting and leasing of other machinery, equipment and tangible goods
7740	7740. Leasing of intellectual property and similar products, except copyrighted works
7810	7810. Activities of employment placement agencies
7820	7820. Temporary employment agency activities
7830	7830. Other human resources provision
7911	7911. Travel agency activities
7912	7912. Tour operator activities

7990	7990. Other reservation service and related activities
8010	8010. Private security activities
8020	8020. Security systems service activities
8030	8030. Investigation activities
8110	8110. Combined facilities support activities
8121	8121. General cleaning of buildings
8129	8129. Other building and industrial cleaning activities
8130	8130. Landscape care and maintenance service activities
8211	8211. Combined office administrative service activities
8219	8219. Photocopying, document preparation and other specialized office support activities
8220	8220. Activities of call centres
8230	8230. Organization of conventions and trade shows
8291	8291. Activities of collection agencies and credit bureaus
8292	8292. Packaging activities
8299	8299. Other business support service activities n.e.c.
8411	8411. General public administration activities
8412	8412. Regulation of the activities of providing health care, education, cultural services and other social services, excluding social security
8413	8413. Regulation of and contribution to more efficient operation of businesses
8421	8421. Foreign affairs
8422	8422. Defence activities
8423	8423. Public order and safety activities
8430	8430. Compulsory social security activities
8510	8510. Pre-primary and primary education
8521	8521. General secondary education
8522	8522. Technical and vocational secondary education
8530	8530. Higher education
8541	8541. Sports and recreation education
8542	8542. Cultural education
8549	8549. Other education n.e.c.
8550	8550. Educational support activities
8610	8610. Hospital activities
8620	8620. Medical and dental practice activities
8690	8690. Other human health activities
8710	8710. Residential nursing care facilities
8720	8720. Residential care activities for mental retardation, mental health and substance abuse
8730	8730. Residential care activities for the elderly and disabled
8790	8790. Other residential care activities
8810	8810. Social work activities without accommodation for the elderly and disabled

8890	8890. Other social work activities without accommodation
9000	9000. Creative, arts and entertainment activities
9101	9101. Library and archives activities
9102	9102. Museums activities and operation of historical sites and buildings
9103	9103. Botanical and zoological gardens and nature reserves activities
9200	9200. Gambling and betting activities
9311	9311. Operation of sports facilities
9312	9312. Activities of sports clubs
9319	9319. Other sports activities
9321	9321. Activities of amusement parks and theme parks
9329	9329. Other amusement and recreation activities n.e.c.
9411	9411. Activities of business and employers membership organizations
9412	9412. Activities of professional membership organizations
9420	9420. Activities of trade unions
9491	9491. Activities of religious organizations
9492	9492. Activities of political organizations
9499	9499. Activities of other membership organizations n.e.c.
9511	9511. Repair of computers and peripheral equipment
9512	9512. Repair of communication equipment
9521	9521. Repair of consumer electronics
9522	9522. Repair of household appliances and home and garden equipment
9523	9523. Repair of footwear and leather goods
9524	9524. Repair of furniture and home furnishings
9529	9529. Repair of other personal and household goods
9601	9601. Washing and (dry-) cleaning of textile and fur products
9602	9602. Hairdressing and other beauty treatment
9603	9603. Funeral and related activities
9609	9609. Other personal service activities n.e.c.
9700	9700. Activities of households as employers of domestic personnel
9810	9810. Undifferentiated goods-producing activities of private households for own use
9820	9820. Undifferentiated service-producing activities of private households for own use
9900	9900. Activities of extraterritorial organizations and bodies

DISTRICT_ORIGINAL_IBES: Original districts from IBES based on 2012 system

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

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
101	101. Jomoro
102	102. Ellembelle
103	103. Nzema East
104	104. Ahanta West
105	105. Sekondi Takoradi Metropolis
106	106. Shama
107	107. Wassa East
108	108. Tarkwa Nsuaem Municipal
109	109. Prestea/Huni Valley
110	110. Wassa Amenfi East
111	111. Wassa Amenfi West
112	112. Aowin
113	113. Sefwi Akontombra
114	114. Sefwi Wiawso
115	115. Sefwi Bibiani-Ahwiaso Bekwai
116	116. Juabeso
117	117. Bia west
118	118. Mpohor
119	119. Wassa Amenfi Central
120	120. Suaman
121	121. Bodi
122	122. Bia East
201	201. Komenda-Edina-Eguafo-Abirem Municipal
202	202. Cape Coast Metropolis
203	203. Abura-Asebu-Kwamankese
204	204. Mfantsiman
205	205. Ajumako-Enyan-Essiam
206	206. Gomoa West
207	207. Effutu Municipal
208	208. Gomoa East
209	209. Awutu Senya
210	210. Agona East
211	211. Agona West Municipal
212	212. Asikuma-Odoben Brakwa
213	213. Assin South

214	214. Assin North Municipal
215	215. TwifoAti Morkwa
216	216. Upper Denkyira East Municipal
217	217. Upper Denkyira West
218	218. Twifo Heman Lower Denkyira
219	219. Ekumfi
220	220. Awutu Senya East Municipal
301	301. Ga South Municipal
302	302. Ga West Municipal
303	303. Ga East Municipal
304	304. Accra Metropolis
305	305. Adenta Municipal
306	306. Ledzokuku/Krowor Municipal
307	307. Ashaiman Municipal
308	308. Tema Metropolis
309	309. Shai Osudoku
310	310. Ada East
311	311. Ga Central Municipal
312	312. La Dade Kotopon Municipal
313	313. La Nkwantanang Madina Municipal
314	314. Kpone Katamanso
315	315. Ningo Prampram
316	316. Ada West
401	401. South Tongu
402	402. Keta Municipal
403	403. Ketu South
404	404. Ketu North
405	405. Akatsi South
406	406. Central Tongu
407	407. Adaklu
408	408. Ho Municipal
409	409. South Dayi
410	410. Kpando Municipal
411	411. Hohoe Municipal
412	412. Biakoye
413	413. Jasikan
414	414. Kadjebi
415	415. Krachi East
416	416. Krachi West

417	417. Nkwanta South
418	418. Nkwanta North
419	419. North Tongu
420	420. Akatsi North
421	421. Agotime Ziope
422	422. Ho West
423	423. Afadzato South
424	424. North Dayi
425	425. Krachi Nchumuru
501	501. Birim South
502	502. Birim Municipal
503	503. West Akim Municipal
504	504. Suhum Municipal
505	505. Nsawam Adoagyiri Municipal
506	506. Akwapem North
507	507. New Juaben Municipal
508	508. Yilo Krobo
509	509. Lower Manya
510	510. Asuogyaman
511	511. Upper Manya
512	512. Fanteakwa
513	513. East Akim Municipal
514	514. Kwaebibirem
515	515. Akyem Mansa
516	516. Birim North
517	517. Atiwa
518	518. Kwahu West Municipal
519	519. Kwahu South
520	520. Kwahu East
521	521. Kwahu Afram Plains North
522	522. Upper West Akyem
523	523. Akwapim South
524	524. Ayensuano
525	525. Denkyembuur
526	526. Kwahu Afram Plains South
601	601. Atwima Mponua
602	602. Amansie West
603	603. Amansie Central
604	604. Adansi South

605	605. Obuasi Municipal
606	606. Adansi North
607	607. Bekwai Municipal
608	608. Bosome Freho
609	609. Asante Akim South
610	610. Asante Akim Central Municipal
611	611. Ejisu Juaben Municipal
612	612. Bosumtwi
613	613. Atwima Kwanwoma
614	614. Kumasi Metropolis
615	615. Atwima Nwabiagya
616	616. Ahafo Ano South
617	617. Ahafo Ano North
618	618. Offinso Municipal
619	619. Afigya Kwabre
620	620. Kwabre East
621	621. Afigya Sekyere
622	622. Mampong Municipal
623	623. Sekyere East
624	624. Sekyere Afram Plains
625	625. Sekyere Central
626	626. Ejura Sekye Dumasi
627	627. Offinso North
628	628. Asokore Mampong Municipal
629	629. Asante Akim North
630	630. Sekyere Afram Plains North
701	701. Asunafo South
702	702. Asunafo North Municipal
703	703. Asutifi North
704	704. Dormaa Municipal
705	705. Dormaa Central Municipal
706	706. Tano South
707	707. Tano North
708	708. Sunyani Municipal
709	709. Sunyani West
710	710. Berekum Municipal
711	711. Jaman South
712	712. Jaman North
713	713. Tain

714	714. Wenchi Municipal
715	715. Techiman Municipal
716	716. Nkoranza South
717	717. Nkoranza North
718	718. Atebubu Amantin
719	719. Sene West
720	720. Pru
721	721. Kintampo South
722	722. Kintampo North Municipal
723	723. Asutifi South
724	724. Dormaa West
725	725. Techiman North
726	726. Banda
727	727. Sene East
801	801. Bole
802	802. Sawla-Tuna-Kalba
803	803. West Gonja
804	804. Gonja Central
805	805. East Gonja
806	806. Kpandai
807	807. Nanumba South
808	808. Nanumba North
809	809. Zabzugu
810	810. Yendi Municipal
811	811. Tamale Metropolis
812	812. Tolon
813	813. Savelugu Nanton
814	814. Karaga
815	815. Gushiegu
816	816. Saboba
817	817. Chereponi
818	818. Bunkpurugu Yonyo
819	819. Mamprusi East
820	820. Mamprusi West
821	821. North Gonja
822	822. Kumbungu
823	823. Sagnerigu Municipal
824	824. Mion
825	825. Tatale

826	826. Mamprugu Moagduri
901	901. Builsa North
902	902. Kasena Nankana West
903	903. Kasena Nankana East
904	904. Bolgatanga Municipal
905	905. Talensi
906	906. Bongo
907	907. Bawku West
908	908. Garu Tempene
909	909. Bawku Municipal
910	910. Builsa South
911	911. Nabdam
912	912. Binduri
913	913. Pusiga
1001	1001. Wa West
1002	1002. Wa Municipal
1003	1003. Wa East
1004	1004. Sissala East
1005	1005. Nadowli-Kaleo
1006	1006. Jirapa
1007	1007. Sissala West
1008	1008. Lambussie Karni
1009	1009. Lawra
1010	1010. Daffiama Bussie
1011	1011. Nandom

FIRMID_OLD_NIC: firmid original format (NIC)

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

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 6 Range: - Format: character

FIRMID_OLD_IBES: firmid original format (IBES)

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

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 14 Range: - Format: character

ISIC4_NIC: ISIC Revision 4 - 4 Digit Code (NIC)**Data file: geps-2003-2014-v1.dta****Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1010	1010. Processing and preserving of meat
1020	1020. Processing and preserving of fish, crustaceans and molluscs
1030	1030. Processing and preserving of fruit and vegetables
1040	1040. Manufacture of vegetable and animal oils and fats
1050	1050. Manufacture of dairy products
1061	1061. Manufacture of grain mill products
1062	1062. Manufacture of starches and starch products
1071	1071. Manufacture of bakery products
1072	1072. Manufacture of sugar
1073	1073. Manufacture of cocoa, chocolate and sugar confectionery
1074	1074. Manufacture of macaroni, noodles, couscous and similar farinaceous products
1079	1079. Manufacture of other food products n.e.c.
1080	1080. Manufacture of prepared animal feeds
1101	1101. Distilling, rectifying and blending of spirits
1102	1102. Manufacture of wines
1103	1103. Manufacture of malt liquors and malt
1104	1104. Manufacture of soft drinks; production of mineral waters and other bottled waters
1200	1200. Manufacture of tobacco products
1311	1311. Preparation and spinning of textile fibres**
1312	1312. Weaving of textiles**
1313	1313. Finishing of textiles
1391	1391. Manufacture of knitted and crocheted fabrics
1392	1392. Manufacture of made-up textile articles, except apparel
1393	1393. Manufacture of carpets and rugs
1394	1394. Manufacture of cordage, rope, twine and netting
1399	1399. Manufacture of other textiles n.e.c.
1410	1410. Manufacture of wearing apparel, except fur apparel
1420	1420. Manufacture of articles of fur

1511	1511. Tanning and dressing of leather; dressing and dyeing of fur
1512	1512. Manufacture of luggage, handbags and the like, saddlery and harness
1520	1520. Manufacture of footwear
1610	1610. Sawmilling and planing of wood
1621	1621. Manufacture of veneer sheets and wood-based panels
1622	1622. Manufacture of builders' carpentry and joinery
1623	1623. Manufacture of wooden containers
1629	1629. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
1701	1701. Manufacture of pulp, paper and paperboard
1702	1702. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1709	1709. Manufacture of other articles of paper and paperboard
1811	1811. Printing
1812	1812. Service activities related to printing
1820	1820. Reproduction of recorded media
1910	1910. Manufacture of coke oven products
1920	1920. Manufacture of refined petroleum products
2011	2011. Manufacture of basic chemicals
2012	2012. Manufacture of fertilizers and nitrogen compounds
2013	2013. Manufacture of plastics and synthetic rubber in primary forms
2021	2021. Manufacture of pesticides and other agrochemical products
2022	2022. Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2023	2023. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
2029	2029. Manufacture of other chemical products n.e.c.
2030	2030. Manufacture of man-made fibres
2100	2100. Manufacture of pharmaceuticals, medicinal chemical and botanical products
2211	2211. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres*
2219	2219. Manufacture of other rubber products*
2220	2220. Manufacture of plastics products
2310	2310. Manufacture of glass and glass products
2393	2393. Manufacture of other porcelain and ceramic products*
2394	2394. Manufacture of cement, lime and plaster
2395	2395. Manufacture of articles of concrete, cement and plaster
2396	2396. Cutting, shaping and finishing of stone
2399	2399. Manufacture of other non-metallic mineral products n.e.c.
2410	2410. Manufacture of basic iron and steel
2420	2420. Manufacture of basic precious and other non-ferrous metals
2431	2431. Casting of iron and steel
2432	2432. Casting of non-ferrous metals
2511	2511. Manufacture of structural metal products

2512	2512. Manufacture of tanks, reservoirs and containers of metal
2513	2513. Manufacture of steam generators, except central heating hot water boilers
2520	2520. Manufacture of weapons and ammunition
2591	2591. Forging, pressing, stamping and roll-forming of metal; powder metallurgy
2592	2592. Treatment and coating of metals; machining
2593	2593. Manufacture of cutlery, hand tools and general hardware
2599	2599. Manufacture of other fabricated metal products n.e.c.
2610	2610. Manufacture of electronic components and boards**
2620	2620. Manufacture of computers and peripheral equipment**
2630	2630. Manufacture of communication equipment**
2640	2640. Manufacture of consumer electronics**
2651	2651. Manufacture of measuring, testing, navigating and control equipment
2660	2660. Manufacture of irradiation, electromedical and electrotherapeutic equipment*
2670	2670. Manufacture of optical instruments and photographic equipment
2710	2710. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
2732	2732. Manufacture of other electronic and electric wires and cables*
2740	2740. Manufacture of electric lighting equipment
2750	2750. Manufacture of domestic appliances
2811	2811. Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2815	2815. Manufacture of ovens, furnaces and furnace burners
2816	2816. Manufacture of lifting and handling equipment
2821	2821. Manufacture of agricultural and forestry machinery
2822	2822. Manufacture of metal-forming machinery and machine tools*
2823	2823. Manufacture of machinery for metallurgy
2824	2824. Manufacture of machinery for mining, quarrying and construction
2825	2825. Manufacture of machinery for food, beverage and tobacco processing
2826	2826. Manufacture of machinery for textile, apparel and leather production
2829	2829. Manufacture of other special-purpose machinery
2910	2910. Manufacture of motor vehicles
2920	2920. Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
2930	2930. Manufacture of parts and accessories for motor vehicles
3011	3011. Building of ships and floating structures*
3092	3092. Manufacture of bicycles and invalid carriages
3099	3099. Manufacture of other transport equipment n.e.c.
3100	3100. Manufacture of furniture
3211	3211. Manufacture of jewellery and related articles
3220	3220. Manufacture of musical instruments
3230	3230. Manufacture of sports goods
3240	3240. Manufacture of games and toys

3290	3290. Other manufacturing n.e.c.
5811	5811. Book publishing*
5813	5813. Publishing of newspapers, journals and periodicals
5819	5819. Other publishing activities
5920	5920. Sound recording and music publishing activities

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

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

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

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

1392	1392. Manufacture of made-up textile articles, except apparel
1393	1393. Manufacture of carpets and rugs
1394	1394. Manufacture of cordage, rope, twine and netting
1399	1399. Manufacture of other textiles n.e.c.
1410	1410. Manufacture of wearing apparel, except fur apparel
1420	1420. Manufacture of articles of fur
1511	1511. Tanning and dressing of leather; dressing and dyeing of fur
1512	1512. Manufacture of luggage, handbags and the like, saddlery and harness
1520	1520. Manufacture of footwear
1610	1610. Sawmilling and planing of wood
1621	1621. Manufacture of veneer sheets and wood-based panels
1622	1622. Manufacture of builders' carpentry and joinery
1623	1623. Manufacture of wooden containers
1629	1629. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials
1701	1701. Manufacture of pulp, paper and paperboard
1702	1702. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard
1709	1709. Manufacture of other articles of paper and paperboard
1811	1811. Printing
1812	1812. Service activities related to printing
1820	1820. Reproduction of recorded media
1910	1910. Manufacture of coke oven products
1920	1920. Manufacture of refined petroleum products
2011	2011. Manufacture of basic chemicals
2012	2012. Manufacture of fertilizers and nitrogen compounds
2013	2013. Manufacture of plastics and synthetic rubber in primary forms
2021	2021. Manufacture of pesticides and other agrochemical products
2022	2022. Manufacture of paints, varnishes and similar coatings, printing ink and mastics
2023	2023. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
2029	2029. Manufacture of other chemical products n.e.c.
2030	2030. Manufacture of man-made fibres
2100	2100. Manufacture of pharmaceuticals, medicinal chemical and botanical products
2211	2211. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres*
2219	2219. Manufacture of other rubber products*
2220	2220. Manufacture of plastics products
2310	2310. Manufacture of glass and glass products
2393	2393. Manufacture of other porcelain and ceramic products*
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2399	2399. Manufacture of other non-metallic mineral products n.e.c.
2410	2410. Manufacture of basic iron and steel
2420	2420. Manufacture of basic precious and other non-ferrous metals
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2630	2630. Manufacture of communication equipment**
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2930	2930. Manufacture of parts and accessories for motor vehicles
3011	3011. Building of ships and floating structures*
3092	3092. Manufacture of bicycles and invalid carriages

3099	3099. Manufacture of other transport equipment n.e.c.
3100	3100. Manufacture of furniture
3211	3211. Manufacture of jewellery and related articles
3220	3220. Manufacture of musical instruments
3230	3230. Manufacture of sports goods
3240	3240. Manufacture of games and toys
3290	3290. Other manufacturing n.e.c.
5811	5811. Book publishing*
5813	5813. Publishing of newspapers, journals and periodicals
5819	5819. Other publishing activities
5920	5920. Sound recording and music publishing activities

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

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

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
10	10. Manufacture of food products
11	11. Manufacture of beverages
12	12. Manufacture of tobacco products
13	13. Manufacture of textiles
14	14. Manufacture of wearing apparel
15	15. Manufacture of leather and related products
16	16. Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
17	17. Manufacture of paper and paper products
18	18. Printing and reproduction of recorded media
19	19. Manufacture of coke and refined petroleum products
20	20. Manufacture of chemicals and chemical products
21	21. Manufacture of pharmaceuticals, medicinal chemical and botanical products
22	22. Manufacture of rubber and plastics products
23	23. Manufacture of other non-metallic mineral products
24	24. Manufacture of basic metals
25	25. Manufacture of fabricated metal products, except machinery and equipment

26	26. Manufacture of computer, electronic and optical products
27	27. Manufacture of electrical equipment
28	28. Manufacture of machinery and equipment n.e.c.
29	29. Manufacture of motor vehicles, trailers and semi-trailers
30	30. Manufacture of other transport equipment
31	31. Manufacture of furniture
32	32. Other manufacturing
58	58. Publishing activities
59	59. Motion picture, video and television programme production, sound recording and music publishing activities

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

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

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
10	10. Manufacture of food products
11	11. Manufacture of beverages
12	12. Manufacture of tobacco products
13	13. Manufacture of textiles
14	14. Manufacture of wearing apparel
15	15. Manufacture of leather and related products
16	16. Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
17	17. Manufacture of paper and paper products
18	18. Printing and reproduction of recorded media
19	19. Manufacture of coke and refined petroleum products
20	20. Manufacture of chemicals and chemical products
21	21. Manufacture of pharmaceuticals, medicinal chemical and botanical products
22	22. Manufacture of rubber and plastics products
23	23. Manufacture of other non-metallic mineral products
24	24. Manufacture of basic metals
25	25. Manufacture of fabricated metal products, except machinery and equipment
26	26. Manufacture of computer, electronic and optical products
27	27. Manufacture of electrical equipment

28	28. Manufacture of machinery and equipment n.e.c.
29	29. Manufacture of motor vehicles, trailers and semi-trailers
30	30. Manufacture of other transport equipment
31	31. Manufacture of furniture
32	32. Other manufacturing
58	58. Publishing activities
59	59. Motion picture, video and television programme production, sound recording and music publishing activities

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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
