

## Ghana

### Basic statistics

Current diversification (number of products)	4,498	Potential new products more complex (percentage)	82
Potential new products	3,661	Export opportunity in more complex products (percentage)	62
Potential new products more complex than the country's average	2,991	Import replacement opportunity in more complex products (percentage)	61

### Potential new sectors for diversification (All products)

Sectors with higher export opportunities (percentage of export opportunities)

Product	Percent
Machinery & mech appliance etc	12
Pharmaceutical products	8
Organic chemicals	8
Vehicles other than railway, tramway	6
Electrical, electronic equipment	6
Iron and steel	6
Optical, photo, technical, medical, etc apparatus	5
Plastics and articles thereof	5
Inorganic chemicals, precious metal compound, isotopes	3
Meat and edible meat offal	2
Sum of others with smaller share	38

Top markets for potential new products (percentage of export opportunities)

By countries

Country	Percent
USA	11
China	9
Germany	7
France	5
United Kingdom	4
Italy	4
Thailand	4
Rep. of Korea	3
India	3
Canada	3
Japan	3
Netherlands	3
Belgium	3
Others	27

By regions

Region	Percent
Asia	36
Western Europe	21
Northern America	14
Southern Europe	8
Eastern Europe	7
Northern Europe	7
South America	3

Potential new sectors for diversification (Agri-business products)

Sectors with higher export opportunities (percentage of export opportunities in agri-business)

Product	Percent
Meat and edible meat offal	22

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Cereals	12
Dairy products, eggs, honey, edible animal products	11
Edible fruit, nuts, peel of citrus fruit, melons	10
Residues, wastes of food industry, animal fodder	9
Beverages, spirits and vinegar	6
Animal, vegetable fats and oils, cleavage products, etc	5
Oil seed, oleagic fruits, grain, seed, fruit, etc, nes	4
Tobacco and manufactured tobacco substitutes	4
Cereal, flour, starch, milk preparations and products	4
Vegetable, fruit, nut, etc food preparations	3
Meat, fish and seafood food preparations nes	3
Fish, crustaceans, molluscs, aquatic invertebrates nes	3
Edible vegetables and certain roots and tubers	2
Sum of others with smaller share	5

### Top markets for potential new agri-business products (percentage of export opportunities)

By countries

Country	Percent
China	21
USA	12
Germany	7

By regions

Region	Percent
Asia	46
Western Europe	14
Northern America	13

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United Kingdom	4	Northern Europe	9
Rep. of Korea	4	Southern Europe	5
France	3	Eastern Europe	5
Viet Nam	3	South America	3
China, Hong Kong SAR	3	Oceania	3
Australia	3		
Japan	3		
Others	23		

### Potential new products for diversification

Potential new products with higher export opportunity and top 3 growing markets

Product category	(HS code) Product description, unit price range	Top growing markets (USD million)			Export opportunity (USD million)
		#1	#2	#3	
Meat and edible meat offal	(020329) Swine cuts, frozen nes, \$2-3	CN 2807.3	AU 158.6	CL 142.5	3594.4
	(020319) Swine cuts, fresh or chilled, nes, \$2-4	AT 213.7	JP 129.5	RO 110.1	1216.6
	(020230) Bovine cuts boneless, frozen, \$0-3	AE 321	ID 238.5	GB 161.8	930.1
	(020329) Swine cuts, frozen nes, \$3-6	JP 323.1	SG 75.6	IE 12.7	435.3
	(020220) Bovine cuts bone in, frozen, \$3-9	CN 225.5	KR 153.3	AE 6.1	411.8

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Inorganic chemicals, precious metal compound, isotopes	(281820) Aluminium oxide, except artificial corundum, \$0-0	AE 668.9	CN 358.7	FR 254.2	1559.4
	(282590) Metal bases, oxides, hydroxides, peroxides, nes, \$1-25	KR 1123.4	JP 108.4	CA 41.3	1353.7
	(284190) Salts of oxymetallic or peroxometallic acids nes, \$3-27	KR 828.6	JP 303.3	US 19.6	1179.2
	(280429) Rare gases other than argon, \$0-12	CN 158	JP 115.3	FR 103.4	687.1
	(284290) Metallic salts of inorganic acids nes, except azides, \$22-52	CN 588.8	HK 17.7	KR 2.5	610.7
Organic chemicals	(293390) Heterocyclic compounds with N-hetero-atom(s) only, ne, \$1018-6469	SG 1116.6	CH 393.3	IT 379.9	2026.2
	(293339) Heterocyclic compounds with unfused pyridine ring, nes, \$25-354	US 671.9	ES 265	DE 106.8	1408.6
	(290121) Ethylene, \$0-6	BE 646.9	NL 163.6	DE 59.9	969.3
	(293390) Heterocyclic compounds with N-hetero-atom(s) only, ne, \$23-278	AE 102	US 100.8	NL 86.8	811.0
	(293490) Heterocyclic compounds, nes, \$326-777	DE 165.8	RU 152.6	CA 117.7	711.5
Pharmaceutical products	(300290) Blood, toxins, cultures, medical use, nes, \$719-1702	DE 4992.3	IT 2612	CN 2233.9	16667.9
	(300220) Vaccines, human use, \$154-845	BE 2807	GB 261.6	VN 136.5	3846.7
	(300420) Antibiotics nes, in dosage, \$466-1644	US 781	CH 482.5	FR 91.6	1590.4

## Catalogue of Diversification Opportunities 2022

	(300432) Adrenal cortical hormones, in dosage, \$55-219	US 345	RU 81.3	VN 40.9	789.0
	(300420) Antibiotics nes, in dosage, \$143-316	BE 188.6	DK 85.4	FR 84.8	578.7
Plastics and articles thereof	(390720) Polyethers nes, in primary forms, \$1-4	DE 249.3	BR 157.9	IN 103	1100.1
	(390810) Polyamide-6, -11, -12, -6,6, -6,9, -6,10 or -6,12, \$2-6	US 111.7	NL 87	ES 68.7	636.4
	(390740) Polycarbonates, in primary forms, \$2-5	CZ 130.6	JP 122.4	US 62	597.8
	(390410) Polyvinyl chloride in primary forms, \$0-0	PL 106.4	KH 47.2	IT 35.3	511.1
	(390390) Polymers of styrene except SAN or ABS in primary form, \$0-1	CN 324.1	TR 39.3	FR 37.3	497.8
Iron and steel	(720842) Hot rolled iron or non-alloy steel, flat,width >600mm, t >10mm, nes, \$0-1	KR 571.3	NL 248.9	IN 128.4	1397.4
	(720824) Hot rolled iron or non-alloy steel, coil,width >600mm, t <3mm thick, ne, \$0-0	VN 655.6	JP 268	PH 69.7	1370.0
	(722590) Flat rolled alloy-steel, width >600mm, nes, \$0-2	TH 391.9	GB 141.3	NL 128.1	1181.5
	(720923) Cold rolled iron or non-alloy steel, coil, width >600mm, t 0.5-1mm, nes, \$0-0	TH 347.6	JP 205.1	BE 133.5	1065.9
	(720823) Hot rolled iron or non-alloy steel, coil,width >600mm, t 3-4.75mm, nes, \$0-0	CN 591.4	IT 216.4	MK 32.1	985.9
Machinery & mech appliance etc	(840734) Engines, spark-ignition reciprocating, over 1000 cc, \$2464-5288	CA 3149.7	DE 1818.5	HU 350.2	6099.7

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	(841191) Parts of turbo-jet or turbo-propeller engines, \$1950-4416	ES 335.1	NL 231.7	FR 142.9	1287.3
	(840733) Engines, spark-ignition reciprocating, 250-1000 cc, \$374-1939	ES 609.7	FR 214.3	TR 105.1	1260.9
	(847989) Machines and mechanical appliances, \$2729-6609	JP 178.9	AE 171.9	IT 148.4	1135.4
	(842810) Lifts and skip hoists, \$10135-20661	RU 278.1	SG 55.5	FR 43.4	848.3
Electrical, electronic equipment	(854290) Parts of electronic integrated circuits etc, \$415-947	TH 2040.7	MY 301.3	HK 75.9	2481.0
	(854290) Parts of electronic integrated circuits etc, \$1258-3160	IN 923.9	HK 172.1	FR 16.5	1148.8
	(854511) Carbon and graphite furnace electrodes, \$0-5	RU 155.3	IT 64.9	IN 61.5	712.3
	(851671) Electric coffee or tea makers, domestic, \$31-240	NL 156.5	US 126.2	PL 98	666.8
	(850910) Domestic vacuum cleaners, \$0-65	DE 139.4	NL 110.9	ES 66	568.4
Vehicles other than railway, tramway	(870120) Road tractors for semi-trailers (truck tractors), \$17940-76646	PL 1140.1	IT 683.2	DE 528.7	5164.4
	(870331) Automobiles, diesel engine of <1500 cc, \$16275-32659	IT 1372.2	BE 715.6	PT 419.8	3740.6
	(870423) Diesel powered trucks weighing > 20 tonnes, \$33584-86409	RU 957.4	ES 249	FR 137.8	2148.8
	(870210) Diesel powered buses, \$16515-95900	PH 634.8	TH 199.9	EG 145.9	1549.8

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	(870422) Diesel powered trucks weighing 5-20 tonnes, \$52514-103973	GB 577.9	CA 173.6	IE 145.2	1180.6
Optical, photo, technical, medical, etc apparatus	(901390) Parts and accessories of optical appliances nes, \$683-1534	CN 1211.5	KR 44	GB 17.3	1325.9
	(902111) Artificial joints, \$346-1061	US 311.2	CH 261.6	NL 213.6	1206.8
	(901819) Electro-diagnostic apparatus, nes, \$0-65	CN 803.6	BR 131.9	EG 64.2	1051.3
	(902130) Artificial body parts, aids and appliances, etc, \$1093-2367	DE 668.3	JP 115.7	KR 88.2	1011.2
	(902211) Medical X-ray apparatus, \$4661-51451	US 233.5	FR 123.5	DE 101.9	996.0

Potential new agri-business products with higher export opportunity and top 3 growing markets

Product category	(HS code) Product description, unit price range	Top growing markets (USD million)			Export opportunity (USD million)
		#1	#2	#3	
Meat and edible meat offal	(020329) Swine cuts, frozen nes, \$2-3	CN 2807.3	AU 158.6	CL 142.5	3594.4
	(020319) Swine cuts, fresh or chilled, nes, \$2-4	AT 213.7	JP 129.5	RO 110.1	1216.6
	(020230) Bovine cuts boneless, frozen, \$0-3	AE 321	ID 238.5	GB 161.8	930.1
	(020329) Swine cuts, frozen nes, \$3-6	JP 323.1	SG 75.6	IE 12.7	435.3
	(020220) Bovine cuts bone in, frozen, \$3-9	CN 225.5	KR 153.3	AE 6.1	411.8



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Fish, crustaceans, molluscs, aquatic invertebrates nes	(030212) Salmon fresh or chilled, whole, \$7-12	FI 263.3	US 69.4	CN 67.8	687.5
	(030310) Salmon, Pacific, frozen, whole, \$4-10	CA 25.6	DE 21.2	VN 13.6	106.9
	(030541) Salmon, smoked, including fillets, \$12-22	IT 15.7	GB 12.1	US 10.9	73.6
	(030731) Mussels, shelled or not, live, fresh or chilled, \$2-7	US 36.3	AU 2.6	CN 1.5	43.5
	(030619) Crustaceans nes, frozen,, \$6-17	KR 5.8	SA 5.5	NZ 5.3	31.9
Dairy products, eggs, honey, edible animal product nes	(040690) Cheese except fresh, grated, processed or blue-veined, \$8-14	FR 267	US 206.6	DE 75.8	745.8
	(040390) Buttermilk, curdled milk, cream, kephir, etc., \$1-3	RU 145.1	IT 67.8	GB 48.8	396.6
	(040610) Fresh cheese, unfermented whey cheese, curd, \$3-6	DE 61.3	IT 52.6	SA 45.9	393.7
	(040410) Whey, \$0-2	IE 58.8	PH 51.9	CN 44.2	376.4
	(040310) Yogurt, \$1-4	GB 168.6	RU 32.5	FI 29.2	336.6
Edible vegetables and certain roots and tubers	(070519) Lettuce, fresh or chilled except cabbage lettuce, \$1-4	CA 33.1	DE 7.4	IT 6.4	99.5
	(070970) Spinach fresh or chilled, \$1-5	US 43.7	CA 4.9	PL 4.4	68.6
	(071090) Frozen vegetable mixtures, uncooked, boiled or steamed, \$1-2	US 18.7	NL 5.4	DE 4.2	64.1
	(070511) Cabbage lettuce (head lettuce) fresh or chilled, \$0-3	PL 21.3	DE 18.1	US 4.3	63.1

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	(070920) Asparagus, fresh or chilled, \$3-8	CH 10	NO 5.8	CA 4.2	48.3
Edible fruit, nuts, peel of citrus fruit, melons	(080250) Pistachios, fresh or dried, \$7-19	HK 478.7	TR 95.8	ES 34	835.6
	(080620) Grapes, dried, \$1-4	GB 163.5	DE 81.2	NL 58.7	529.7
	(081020) Raspberry, blackberry, mulberry and loganberry, fresh, \$4-12	US 276	GB 57.5	DE 42.4	518.8
	(080920) Cherries, fresh, \$2-7	HK 199.4	CN 129.1	VN 15.3	462.7
	(081010) Strawberries, fresh, \$2-7	US 293.1	GB 18.6	NL 18.2	427.7
Cereals	(100190) Wheat except durum wheat, and meslin, \$0-0	VN 503.4	LK 298.6	MA 152.2	2310.3
	(100300) Barley, \$0-0	CN 210.4	ES 155.8	BE 104.1	771.1
	(100300) Barley, \$0-1	DE 178.4	JO 131.5	QA 76	743.2
	(100630) Rice, semi-milled or wholly milled, \$1-3	SE 3.7	CN 3.5	US 2.3	25.6
	(100810) Buckwheat, \$0-2	FR 1.9	ES 1.2	KR .9	6.4
Oil seed, oleagic fruits, grain, seed, fruit, etc, nes	(120500) Rape or colza seeds, \$0-8	DE 741.5	US 227	GB 42.4	1102.2
	(120929) Seed, forage plants, for sowing nes, \$1-7	NL 4.6	DE 3.6	PL 2.8	32.1
	(120810) Soya bean flour or meal, \$0-3	AU 3.7	SE 2.8	CA 1.5	16.9
	(120400) Linseed, \$0-3	FR 6.7	DE 3.8	AU 1.2	16.9

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Animal,vegetable fats and oils, cleavage products, etc	(150710) Soya-bean oil crude, whether or not degummed, \$0-1	CO 130.7	MA 46.8	ES 31.1	486.4
	(152010) Glycerol (glycerine), crude and glycerol waters & lye, \$0-0	CN 229.3	IN 12.4	DK 11	261.1
	(151490) Canola, rape, colza or mustard oil, fractions, refine, \$0-1	US 108.6	DE 20.4	AT 15.9	199.5
	(151410) Canola, rape, colza or mustard oil, crude, \$0-2	SE 52.8	CN 38.1	DK 29.6	155.7
	(151919) Industrial monocarboxylic fatty acids, nes, acid oils, \$0-3	LK 22.5	GB 19.1	AU 15.4	113.8
Meat, fish and seafood food preparations nes	(160415) Mackerel, prepared or preserved, not minced, \$2-8	JP 107.9	TH 31.3	NL 26.2	223.8
	(160241) Swine hams & cuts thereof, prepared or preserved, \$4-10	GB 62.3	CA 26.8	US 21.3	192.4
	(160419) Fish nes, prepared or preserved, not minced, \$0-3	FR 61	IT 23	CO 10	145.4
	(160250) Bovine meat, offal nes, not livers, prepared/preserve, \$3-8	GB 47.1	US 21.5	PL 6.7	139.1
	(160210) Homogenized preparations of meat and meat offal, \$2-8	SA 39.7	BE 10.5	DE 2.6	67.6
Cereal, flour, starch, milk preparations and products	(190110) Infant foods of cereals, flour, starch or milk, retail, \$10-21	CN 657.8	KH 73.3	SA 68.9	898.6
	(190540) Rusks, toasted bread and similar toasted products, \$2-4	AE 12.6	US 10.2	NL 9.4	79.0
	(190230) Pasta except uncooked or stuffed, \$3-7	US 37.5	FR 14.7	PL 6.3	68.2

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	(190520) Gingerbread and the like, \$2-6	US 26.8	BE 8.1	DE 7.1	58.7
	(190211) Uncooked egg pasta not stuffed or prepared, \$1-3	US 5.6	DE 5	BE 3.1	36.7
Vegetable, fruit, nut, etc food preparations	(200830) Citrus fruits, otherwise prepared or preserved, \$1-4	US 227	DE 24.4	GB 22.3	332.6
	(200570) Olives, prepared or preserved, not frozen/vinegar, \$1-3	IT 38.4	US 34.3	AL 12.4	145.1
	(200110) Cucumbers, gherkins, prepared or preserved by vinegar, \$0-2	CA 18.7	DE 14.1	NL 7.2	75.4
	(200310) Mushrooms, prepared or preserved, not in vinegar, \$1-7	HK 16.4	US 9.1	TH 7.6	57.1
	(200870) Peaches, otherwise prepared or preserved, \$1-2	TH 19.5	CO 5.5	CL 4.3	54.8
Beverages, spirits and vinegar	(220820) Spirits obtained by distilling grape wine, grape marc, \$7-26	CN 1077.2	RU 149.7	DE 131.3	1996.8
	(220510) Vermouth and other flavoured grape wines - pack < 2l, \$2-6	US 17.7	ES 12.4	UA 6.8	67.1
Residues, wastes of food industry, animal fodder	(230400) Soya-bean oil-cake and other solid residues, \$0-0	KR 637.7	AU 357.8	PH 337.5	2222.2
	(230110) Flour or meal, pellet of meat or offal for animal fee, \$0-1	TH 107.3	VN 37.5	NL 15.5	233.8
	(230990) Animal feed preparations nes, \$4-9	ES 50.4	IN 37.4	PL 15.9	199.7
	(230320) Beet-pulp, bagasse & other waste of sugar manufacture, \$0-0	MA 31.8	DK 31.7	SA 18.2	145.3

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	(230690) Vegetable oil-cake and other solid residues nes, \$0-5	YE 25.9	IN 14.2	MY 13.8	70.6
Tobacco and manufactured tobacco substitutes	(240210) Cigars, cheroots and cigarillos, containing tobacco, \$51-173	US 1071.6	JP 81.9	RS 20.6	1216.1