

NAICS Subsector 324—Petroleum and Coal Products Manufacturing

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
324110	PETROLEUM REFINERIES				
3241101	GASOLINE, INCLUDING FINISHED BASE STOCKS AND BLENDING AGENTS				
32411011	Gasoline, including finished base stocks and blending agents				
324110111	Aviation gasoline (excluding jet fuel), including finished base stocks and blending agents	mil bbl	S		
324110121	Motor gasoline, including finished base stocks and blending agents	mil bbl	S		
3241104	JET FUEL				
32411041	Jet fuel				
324110411	Jet fuel, naphtha-type	mil bbl	S		
324110412	Jet fuel, kerosene-type	mil bbl	S		
3241107	KEROSENE, EXCLUDING JET FUEL				
32411071	Kerosene, excluding jet fuel				
3241107100	Kerosene, excluding jet fuel	mil bbl	S		
324110A	LIGHT FUEL OILS				
324110A1	Light fuel oils				
324110A11	Distillate light fuel oil, including grades No. 1, 2, light diesel-type, light gas-enrichment oils, etc.	mil bbl	S		
324110A12	No. 4 type light fuel oil	mil bbl	S		
324110D	HEAVY FUEL OILS, INCLUDING GRADES NO. 5, 6, HEAVY DIESEL-TYPE, HEAVY GAS-ENRICHMENT OILS, ETC.				
324110D1	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.				
324110D100	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	mil bbl	S		
324110G	PETROLEUM LUBRICATING OILS AND GREASES, MADE IN A REFINERY				
324110G1	Petroleum lubricating oils and greases, made in a refinery				
324110G11	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.), made in a refinery	mil bbl	S		See Appendix D
324110G12	Lubricating greases, made in a refinery	mil bbl	S		See Appendix D
324110J	UNFINISHED OILS AND LUBRICATING OIL BASE STOCK				
324110J1	Unfinished oils and lubricating oil base stock				
324110J11	Unfinished oils, naphthenic and paraffinic	mil bbl	S		
324110J12	Naphtha and other unfinished oils for use as petrochemical feedstocks, excluding carbon black	mil bbl	S		
324110J13	Carbon black feedstock (unfinished oils)	mil bbl	S		
324110J14	Lubricating oil petroleum-base bright stock	mil bbl	S		
324110J15	Lubricating oil petroleum-base neutral stock	mil bbl	S		
324110J16	Lubricating oil petroleum-base red and pale oils	mil bbl	S		
324110J17	Other lubricating oil petroleum-base stocks	mil bbl	S		
324110M	ASPHALT				
324110M1	Asphalt				
324110M11	Paving grade asphalts	mil bbl	S		
324110M12	Roofing grade asphalts	mil bbl	S		
324110M13	All other miscellaneous asphalts	mil bbl	S		
324110P	LIQUEFIED REFINERY GASES (ALIPHATICS), MADE IN A REFINERY				
324110P1	Liquefied refinery gases (aliphatics), made in a refinery				
324110P11	Liquefied refinery gases (aliphatics), for use as a chemical raw material, made in a refinery		SV		See Appendix D
324110P12	Liquefied refinery gases (aliphatics), for other uses, made in a refinery		SV		See Appendix D
324110T	OTHER FINISHED PETROLEUM PRODUCTS, INCLUDING WAXES, MADE IN A REFINERY				
324110T1	Other finished petroleum products, including waxes, made in a refinery				
324110T11	Petrolatum	mil bbl	S		
324110T12	Petroleum coke	1,000 s tons	S		
324110T13	Calcined petroleum coke, made in a refinery	1,000 s tons	S		
324110T14	Road oil, made in a refinery	mil bbl	S		
324110T15	Still gas (refinery gas)	bil cu ft	S		
324110T16	Special petroleum naphthas	mil bbl	S		
324110T17	Aromatics (benzene, toluene, xylene, etc.), for use as a chemical raw material, made in a refinery		SV		See Appendix D
324110T18	Aromatics (benzene, toluene, xylene, etc.), for other uses, made in a refinery		SV		See Appendix D
324110T19	Microcrystalline petroleum waxes, made in a refinery	mil bbl	S		See Appendix D
324110T1A	Fully refined crystalline petroleum waxes, made in a refinery	mil bbl	S		See Appendix D
324110T1B	Other crystalline petroleum waxes, made in a refinery	mil bbl	S		See Appendix D
324110T1C	Other finished petroleum products, made in a refinery	mil bbl	S		See Appendix D

See footnotes at end of subsector.

NAICS Subsector 324—Petroleum and Coal Products Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
324121	ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING				
3241210	ASPHALT PAVING MIXTURES AND BLOCKS				
32412101	Asphalt paving mixtures and blocks				
3241210111	Emulsified asphalt, including liquid additives		SV		
3241210121	Other liquid asphalt and tar paving materials, including cut-backs		SV		
3241210131	Asphalt and tar paving mixtures (excluding liquid), including bituminous or asphaltic concrete, and asphaltic paving cements		SV		
3241210141	Other asphalt paving mixtures, excluding brick, concrete, granite, or stone ...		SV		
324122	ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING				
3241221	ROOFING ASPHALTS AND PITCHES, COATINGS, AND CEMENTS				
32412211	Roofing asphalt				
3241221111	Roofing asphalt	1,000 s tons	S		
32412212	Fibrated and nonfibrated asphaltic roofing coatings				
3241221221	Fibrated asphaltic roofing coatings	mil gal	S		
3241221231	Nonfibrated asphaltic roofing coatings	mil gal	S		
32412213	Other roofing asphalts and pitches, coatings, and cements				
3241221341	Asphaltic roofing cements		SV		
3241221351	Other roofing asphalts and pitches, coatings, and cements, including coal tar base coatings, cements, and roofing pitch		SV		
3241222	PREPARED ASPHALT AND TAR ROOFING AND SIDING PRODUCTS, INCLUDING SATURATED FELTS AND BOARDS FOR NONBUILDING USE				
32412221	Asphalt smooth-surfaced roll roofing and cap sheets, organic and fiberglass base				
3241222121	Asphalt smooth-surfaced roll roofing and cap sheets, organic base	mil sales sq	S		
3241222131	Asphalt smooth-surfaced roll roofing and cap sheets, fiberglass base	mil sales sq	S		
32412222	Asphalt mineral-surfaced roll roofing and cap sheets, organic and fiberglass base				
3241222241	Asphalt mineral-surfaced roll roofing and cap sheets, organic base	mil sales sq	S		
3241222251	Asphalt mineral-surfaced roll roofing and cap sheets, fiberglass base	mil sales sq	S		
32412223	Asphalt strip shingles, organic base (excluding laminated), all weights				
3241222361	Asphalt strip shingles, organic base (excluding laminated), 235 to 240 lb-sales sq	mil sales sq	S		
3241222371	Asphalt strip shingles, organic base (excluding laminated), all other weights ..	mil sales sq	S		
32412224	Asphalt strip shingles, inorganic base (excluding laminated), 215 to 235 lb-sales sq				
3241222481	Asphalt strip shingles, inorganic base (excluding laminated), 215 to 235 lb-sales sq	mil sales sq	S		
32412225	Asphalt strip shingles, inorganic base (excluding laminated), all other weights				
3241222591	Asphalt strip shingles, inorganic base (excluding laminated), all other weights	mil sales sq	S		
32412226	Laminated or multilayered asphalt strip shingles, and individual shingles				
32412226A1	Laminated or multilayered asphalt strip shingles, organic or inorganic base ..	mil sales sq	S		
32412226B1	Asphalt and tar individual shingles, organic or inorganic base, all styles	mil sales sq	S		
32412227	Other prepared asphalt and tar products for roofing and siding				
3241222711	Asphalt and tar saturated felts and boards for nonbuilding use		SV		
32412227C1	Modified bitumen membranes, styrene butadiene styrene (SBS)	mil sales sq	S		
32412227D1	Modified bitumen membranes, atactic polypropylene (APP)	mil sales sq	S		
32412227E1	Saturated asphalt and tar building ply felts, organic base		SV		
32412227F1	Saturated asphalt and tar building ply felts, fiberglass base		SV		
32412227G1	Other saturated asphalt and tar building felts, organic base		SV		
32412227H1	Other saturated asphalt and tar building felts, fiberglass base		SV		
32412227J1	Other prepared asphalt and tar products for roofing and siding		SV		
324191	PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING				
3241910	PETROLEUM LUBRICATING OILS AND GREASES, MADE FROM REFINED PETROLEUM				
32419101	Petroleum lubricating oils and greases, made from refined petroleum				
3241910111	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.), made from refined petroleum ..	mil bbl	S		See Appendix D
3241910121	Lubricating greases, made from refined petroleum	mil bbl	S		See Appendix D
324199	ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING				

See footnotes at end of subsector.

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324199	ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING—Con.				
3241991	COKE OVEN AND BLAST FURNACE PRODUCTS, MADE IN COKE OVEN ESTABLISHMENTS				
32419911	Coke oven and blast furnace products, made in coke oven establishments				
3241991111	Coke oven products, coke (excluding screenings and breeze), made in coke oven establishments	1,000 s tons	S		See Appendix D
3241991121	Coke oven products, screenings and breeze, made in coke oven establishments	1,000 s tons	S		See Appendix D
3241991131	Coke oven products, crude tar, made in coke oven establishments	mil gal	S		See Appendix D
3241991141	Coke oven products, crude light oil, made in coke oven establishments	mil gal	S		See Appendix D
3241991151	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas), made in coke oven establishments		SV		See Appendix D
3241992	ALL OTHER PETROLEUM AND COAL PRODUCTS, EXCLUDING COKE OVEN PRODUCTS, MADE IN COKE OVEN ESTABLISHMENTS				
32419921	Calcined petroleum coke, made in coke oven establishments				
3241992131	Calcined petroleum coke, made in coke oven establishments	1,000 s tons	S		
32419922	All other petroleum and coal products, made in coke oven establishments				
3241992211	Microcrystalline petroleum waxes, made from refined petroleum	mil bbl	S		See Appendix D
3241992221	Crystalline petroleum waxes, made from refined petroleum	mil bbl	S		See Appendix D
3241992241	All other petroleum and coal products, including packaged fuel and fuel briquettes, made in coke oven establishments	1,000 s tons	S		

¹Data for these codes are collected in the Current Industrial Reports (CIR) series bulletins identified.

²For products that are primary to more than one industry, Appendix D contains a listing of related products.