

NAPCS Product List for NAICS 54142: Industrial Design Services

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Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Méx	US	Title	Definition	NAICS Industries Producing the Product
54142	1					Industrial design services	<p>Providing design services that optimize the use, value, functionality, and appearance of products; and designing and fabricating models. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Excludes:</p> <ul style="list-style-type: none"> • clothing, footwear and jewellery design services. • application of engineering principles to the design, development and utilization of goods, and to the processes used in the production of goods. 	541420
54142	1.1					Industrial design services for products	<p>Providing design services that optimize the use, value, functionality, and appearance of products. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Excludes:</p> <ul style="list-style-type: none"> • model design and fabrication services are in product 1.2, Model design and fabrication services. • clothing, footwear and jewellery design services. • application of engineering principles to the design, development and utilization of goods, and to the processes used in the production of goods. 	541420
54142	1.1.1	X				Industrial design services for furniture	<p>Providing design services that optimize the use, value, functionality, and appearance of furniture, furniture parts, and components.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of office furniture. • industrial design of household furniture. • industrial design of outdoor furniture. <p>Excludes:</p> <ul style="list-style-type: none"> • design of exhibit stands, display cases, and point-of-purchase displays are in product 1.1.9, Industrial design services for products, nec. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420

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54142	1.1.2	X				Industrial design services for transportation equipment	<p>Providing design services that optimize the use, value, functionality, and appearance of motor vehicles, airplanes, and other transportation equipment. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design services for interiors, parts, and components of transportation equipment. <p>Excludes:</p> <ul style="list-style-type: none"> • industrial design services for consumer watercraft (personal watercraft, motor boats, houseboats), snowmobiles, and off-road all-terrain vehicles are in product 1.1.3, Industrial design services for consumer and household goods, except furniture. • industrial design services for off-road trucks for construction and mining are in product 1.1.6, Industrial design services for industrial machinery and equipment. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420
	1.1.2.1				X	Industrial design services for automotive equipment	<p>Providing design services that optimize the use, value, functionality, and appearance of cars, vans, light trucks, heavy trucks, buses, trailers, and RVs. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design services for interiors, other parts, and components of motor vehicles. <p>Excludes:</p> <ul style="list-style-type: none"> • industrial design services for snowmobiles, and off-road all-terrain vehicles are in product 1.1.3, Industrial design services for consumer and household goods, except furniture. • industrial design services for off-road trucks for construction and mining are in product 1.1.6, Industrial design services for industrial machinery and equipment. • model design and fabrication services are in product 1.2, model design and fabrication services. • application of engineering principles to the design, development and utilization of goods, and to the processes used in the production of goods. 	541420

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	1.1.2.9				X	Industrial design services for transportation equipment, except automotive	<p>Providing design services that optimize the use, value, functionality, and appearance of transportation equipment, except automotive. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design services for air, rail, and commercial water transportation equipment. • industrial design services for the interiors, other parts, and components of the transportation equipment. <p>Excludes:</p> <ul style="list-style-type: none"> • industrial design services for automotive equipment are in product 1.1.2.1, Industrial design services for automotive equipment. • industrial design services for consumer watercraft (personal watercraft, motor boats, houseboats) are in product 1.1.3, Industrial design services for consumer and household goods, except furniture. • model design and fabrication services are in product 1.2, model design and fabrication services. • application of engineering principles to the design, development and utilization of goods, and to the p 	541420

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54142	1.1.3	X				Industrial design services for consumer and household goods, except furniture	<p>Providing design services that optimize the use, value, functionality, and appearance of non-furniture consumer and household goods, such as consumer electronic products, sporting and recreational equipment, household and personal care appliances, and kitchen equipment and utensils. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • furniture industrial design services are in product 1.1.1, Industrial design services for furniture. • automobile industrial design services are in product 1.1.2, Industrial design services for transportation equipment. • computer industrial design services are in product 1.1.4, Industrial design services for computers and office machinery and equipment. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420
54142	1.1.3.1				X	Industrial design services for consumer electronics, except computers	<p>Providing design services that optimize the use, value, functionality, and appearance of consumer electronic products, such as radios, TV's VCR's, DVD players, MP3 players, and cable boxes. -May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • computer industrial design services are in product 1.1.4, Industrial design services for computers and office machinery and equipment. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420

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54142	1.1.3.2				X	Industrial design services for sporting and recreational equipment	<p>Providing design services that optimize the use, value, functionality, and appearance of sporting and recreational equipment, including consumer watercraft (personal watercraft, motor boats, houseboats), snowmobiles, and off-road all-terrain vehicles. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420
	1.1.3.3				X	Industrial design services for household and personal care appliances	<p>Providing design services that optimize the use, value, functionality, and appearance of household appliances and personal care appliances, such as small and large kitchen appliances, washers and dryers, vacuum cleaners, hair dryers, and curling irons. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • computer industrial design services are in product 1.1.4, Industrial design services for computers and office machinery and equipment. • consumer electronic industrial design services are in product 1.1.3.1, Industrial design services for consumer electronics, except computers. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420

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54142	1.1.3.4				X	Industrial design services for kitchen equipment and utensils	<p>Providing design services that optimize the use, value, functionality, and appearance of kitchen equipment and utensils, such as cookware, cutlery, and non-electric accessories. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • kitchen appliance industrial design services are in product 1.1.3.3, Industrial design services for household and personal care appliances. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420
	1.1.3.9				X	Industrial design services for consumer and household goods, except furniture, nec.	<p>Providing design services that optimize the use, value, functionality, and appearance of non-furniture consumer and household goods, not elsewhere classified. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • computer industrial design services are in product 1.1.4, Industrial design services for computers and office machinery and equipment. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420

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54142	1.1.4	X				Industrial design services for computers and office machinery and equipment	<p>Providing design services that optimize the use, value, functionality, and appearance of office machinery and equipment, including computers. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • office furniture industrial design services are in product 1.1.1, Industrial design services for furniture. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420
54142	1.1.5	X				Industrial design services for packaging and container products	<p>Providing design services that optimize the use, value, functionality, and appearance of packaging and containers that protect, store, and display products for sale to or use by consumers or businesses. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, and the design and specification of graphic images and text on the package exterior, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Excludes:</p> <ul style="list-style-type: none"> • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420

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54142	1.1.6	X <input type="checkbox"/>				Industrial design services for industrial machinery and equipment	<p>Providing design services that optimize the use, value, functionality, and appearance of industrial machinery and equipment. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal, and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design services for agriculture, construction, mining, and forestry machinery and equipment; materials handling machinery and equipment; metal cutting, forming, and manufacturing machinery and equipment; and electricity generation and distribution machinery and equipment; etc. • industrial design of housings, other parts, and components. <p>Excludes:</p> <ul style="list-style-type: none"> • industrial design services for computers and office machinery and equipment are in product 1.1.4, Industrial design services for computers and office machinery and equipment. • model design and fabrication services are in product 1.2, Model design and fabrication services. 	541420
	1.1.9	X				Industrial design services for products, nec.	<p>Providing design services that optimize the use, value, functionality, and appearance of products not elsewhere classified. May include the determination of the materials, construction, mechanisms, shape, color, and surface finishes of the product, taking into consideration human needs, safety, market appeal and efficiency in production, distribution, use, and maintenance.</p> <p>Includes:</p> <ul style="list-style-type: none"> • industrial design services for lighting equipment; medical instruments and equipment; exhibit stands, display cases, and other point of purchase displays; etc. <p>Excludes:</p> <ul style="list-style-type: none"> • designing and fabricating models of new products are in product 1.2, Model design and fabrication services 	541420
54142	1.2	X				Model design and fabrication services	<p>Providing design and fabrication services for full- or reduced-scale models of new product concepts.</p> <p>Includes:</p> <ul style="list-style-type: none"> • model design and fabrication for specific parts or components of new products. 	541420
54142	1.3	X				Consulting services for industrial design	<p>Providing advice and guidance about industrial design issues.</p>	541420

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54142	2	X				Related products	Other important products provided by establishments classified in Industry 54142.	541420 541340 61
54142	2.1		X		X	Drafting services	Producing detailed layouts, plans, drawings, illustrations, graphics or models based on engineering or architectural specifications, for use in the design, manufacture, installation, construction, repair or maintenance of buildings, structures, systems or components. Same as product 1 on 54134 list.	541340 541420
54142	2.2		X		X	Training services, industrial design	Providing training services in the process and techniques of industrial design. Subset of product 1.2.4 on 61 list.	541420 61
54142	2.3		X		X	Marketing research services	Gathering, analyzing, and interpreting information about consumers, market niches, and the effectiveness of marketing programs for goods and services. Includes: <ul style="list-style-type: none"> • specifying the information required to address the issues. • identifying existing secondary sources or designing the method for primary collection of the information. • contracting out or implementing primary data collection processes. • analyzing the primary or secondary information and communicating the findings. Excludes: <ul style="list-style-type: none"> • statistical sampling and survey design services sold separately. • telephone-based data collection and polling services sold separately. Same as product 1.1 on 54191 list.	541420 541910
54142	2.9		X		X	Other related products, nec	Other important products provided by establishments classified in Industry 54142, not elsewhere classified.	541420