

# Appendix 4.1

## Major E-Cigarette Manufacturers

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**Table A4.1-1 Major e-cigarette manufacturers**

**A. Tobacco industry**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
<p>Altria Group, Inc./Nu Mark  <a href="http://www.altria.com">http://www.altria.com</a>  <a href="http://www.nu-mark.com">http://www.nu-mark.com</a>  <a href="https://www.markten.com">https://www.markten.com</a>  <a href="https://www.greensmoke.com/">https://www.greensmoke.com/</a></p>	<ul style="list-style-type: none"> <li>• NuMark formed in 2012—youngest operating company within Altria.</li> <li>• Aims to develop a full portfolio of heat-not-burn and e-cigarettes in the United States.</li> <li>• MarkTen is a brand from NuMark. MarkTen is manufactured in China, and its e-liquids are produced by an affiliate of NuMark in the United States.</li> <li>• MarkTen launched in the United States in August 2013 and is available in 80,000 retail outlets.</li> <li>• NuMark acquired Green Smoke in April 2014. Founded in 2008, Green Smoke is sold primarily online and has operations in the United States and Israel.</li> </ul>	<ul style="list-style-type: none"> <li>• MarkTen e-vapor: Cigalike, rechargeable.</li> <li>• MarkTen XL e-vapor: Has twice the cartridge capacity and battery life when compared with the original MarkTen e-vapor rechargeable.</li> <li>• MarkTen flavors include classic, menthol, fusion, and winter mint.</li> <li>• Green Smoke sells starter kits (Pro Kit, Express Kit, Ultimate Kit, Love Birds Kit, Essentials Kit) and flavored cartridges that include signature red, classic, southern gold, menthol ice, smooth cream, and mocha mist.</li> </ul>
<p>Philip Morris International (PMI)  <a href="http://www.pmi.com">http://www.pmi.com</a>  <a href="https://www.markten.com">https://www.markten.com</a>  <a href="https://www.greensmoke.com">https://www.greensmoke.com</a>  <a href="http://www.nicocig.co.uk">http://www.nicocig.co.uk</a>  <a href="https://www.nicolites.com">https://www.nicolites.com</a>  <a href="https://www.solaris-ecig.com/">https://www.solaris-ecig.com/</a>  <i>Note:</i> As of July 5, 2016, the landing page for Solaris (<a href="https://www.solaris-ecig.com/">https://www.solaris-ecig.com/</a>) says “This website is restricted to adult smokers 18 years and above residing in Spain and using a Spain IP [Internet protocol] address.”</p>	<ul style="list-style-type: none"> <li>• In June 2014, PMI acquired Nicocig brand, which has more than one-quarter of the market share in the United Kingdom (PMI 2014).</li> <li>• Heavy investment in heat-not-burn technology.</li> <li>• In December 2013, PMI announced a strategic agreement with Altria to commercialize Altria’s e-cigarette products outside the United States. PMI is providing two of its candidate heat-not-burn products to Altria for marketing in the United States.</li> </ul>	<ul style="list-style-type: none"> <li>• iQOS (known until June 2014 as “platform 1”): Uses small Marlboro cigarette sticks that are heated at high temperatures in a device that looks like a vaporizer. Device heats but does not burn the cigarette. Currently being test-marketed in Japan, Switzerland, and Italy.</li> <li>• MarkTen/Solaris: Solaris is MarkTen rebranded for the Spanish market in the European Union. See information above under Altria.</li> <li>• Green Smoke: See information above under Altria.</li> <li>• Nicocig offers e-cigarettes in menthol and tobacco flavors.</li> <li>• Nicolites offers cigalike starter kits, disposables, and refills in golden tobacco, menthol, tobacco, and cherry flavors. Also offers disposable e-cigars.</li> </ul>
<p>Imperial Tobacco  <a href="http://www.imperialbrandsplc.com/">http://www.imperialbrandsplc.com/</a>  <a href="http://www.blucigs.com/">http://www.blucigs.com/</a>  <a href="https://uk.puritane.eu/united-kingdom/home">https://uk.puritane.eu/united-kingdom/home</a>  <a href="http://www.fontemventures.com/">http://www.fontemventures.com/</a></p>	<ul style="list-style-type: none"> <li>• In August 2013, Imperial acquired Dragonite (previously Ruyan), a Chinese company, for \$75 million.</li> <li>• Currently seeking to enforce the Ruyan patents against a group of about nine companies marketing e-cigarettes in the United States.</li> <li>• In February 2014, made a deal with Boots Pharmacy chain in the United Kingdom to sell a new e-cigarette brand called Puritane.</li> <li>• In June 2015, Imperial acquired blu.</li> <li>• In February 2015, Imperial announced the launch of a new e-cigarette brand, JAI, in French and Italian markets.</li> </ul>	<ul style="list-style-type: none"> <li>• blu offers cigalike disposable and rechargeable products in classic tobacco, magnificent menthol, cherry crush, java, vivid vanilla, piña colada, and peach schnapps; disposables are available only in cherry, menthol, and tobacco. blu also offers a tank system, called blu PLUS.</li> <li>• Puritane offers cigalike disposable and starter kits in menthol and tobacco and is marketed as a health care product in a limited number of outlets.</li> <li>• JAI offers rechargeable cigalikes and is positioned as a lifestyle brand.</li> <li>• Fontem Ventures is a subsidiary that focuses on consumer lifestyle products, including e-cigarettes.</li> </ul>

Table A4.1-1 A Continued

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
Reynolds American, Inc. (RAI) <a href="http://www.reynoldsamerican.com">http://www.reynoldsamerican.com</a> <a href="https://vusevapor.com/">https://vusevapor.com/</a> <a href="http://rjrvapor.com/Pages/default.aspx">http://rjrvapor.com/Pages/default.aspx</a>	<ul style="list-style-type: none"> <li>• RAI built its own manufacturing capabilities instead of contracting out those services.</li> <li>• VUSE is the leading e-cigarette brand in the United States, with about 100,000 retail outlets in early 2015 (RJ Reynolds Vapor 2015).</li> <li>• Revo was test-marketed in Wisconsin in January 2015 and pulled from the market in July 2015.</li> </ul>	<ul style="list-style-type: none"> <li>• VUSE: This is a cigalike that comes in the following flavors: crema, chai, mint, berry, menthol, and tobacco. VUSE plans to develop more products with advanced technology, including Bluetooth, smart technology, cartridges, and tanks (Kress 2015).</li> <li>• Revo: Heat-not-burn device, closely resembles a cigarette, comes in packs of 20, and has more vapor.</li> </ul>
Japan Tobacco <a href="http://www.jti.com">http://www.jti.com</a> <a href="http://www.e-lites.co.uk">http://www.e-lites.co.uk</a>	<ul style="list-style-type: none"> <li>• Entered into a partnership with Ploom in 2011, and purchased the intellectual rights to some of Ploom's technology in February 2015.</li> <li>• Main products, Pax and Ploom, use heat-not-burn technology.</li> <li>• Ploom is available in the United States and Japan and is being rolled out in France and the United Kingdom.</li> <li>• Pax is sold in Austria, Italy, Korea, and the United States.</li> <li>• In June 2014, Japan Tobacco acquired E-Lites.</li> </ul>	<ul style="list-style-type: none"> <li>• Pax: Loose-leaf vaporizer.</li> <li>• Ploom Model Two: Similar to a coffee pod system.</li> <li>• E-Lites: Offers cigalike starter kits in menthol and tobacco flavor.</li> </ul>
British American Tobacco (BAT) <a href="http://www.bat.com">http://www.bat.com</a> <a href="https://uk.govype.com/">https://uk.govype.com/</a>	<ul style="list-style-type: none"> <li>• In July 2014, formed a strategic partnership with Reynolds American to commercialize each company's e-cigarette and heat-not-burn products.</li> <li>• Produces e-liquid named "ECOpure" in the United Kingdom and sells it to other e-cig companies.</li> <li>• Main brands: Vype and Voke.</li> </ul>	<ul style="list-style-type: none"> <li>• Vype: Cigalike, available in both disposable and rechargeable formats and many flavors (golden tobacco, fresh apple, infused vanilla, oriental spice, and rich aniseed).</li> <li>• Vype eStick: A rechargeable e-cig with constant in-pack charging.</li> <li>• Vype ePen: Ego style with five flavor profiles available.</li> <li>• Intellicig: Offers cigalike and ego style starter kits, refills, and e-liquids.</li> <li>• Voke (initially Oxette): Inhaler/aerosol device (only nicotine inhaler device to have been commercialized to date); no heat or combustion, and no battery or other energy source.</li> <li>• ECOpure: E-liquid.</li> </ul>
Lorillard <a href="http://www.lorillard.com">http://www.lorillard.com</a>	<ul style="list-style-type: none"> <li>• Lorillard acquired blu Ecigs in 2012.</li> <li>• Lorillard bought SKYCIG (formed in 2011) in October 2013 for £30 million in cash paid at closing and an additional £30 million to be paid in 2016 on the basis of the achievement of certain financial performance benchmarks.</li> <li>• Since acquiring SKYCIG, Lorillard has been rebranding SKYCIG as blu in the United Kingdom and Ireland.</li> <li>• In June 2015, blu was purchased by Imperial.</li> </ul>	<ul style="list-style-type: none"> <li>• blu: Offers cigalike disposable and rechargeable products in classic tobacco, magnificent menthol, cherry crush, java, vivid vanilla, piña colada, and peach schnapps; disposables are available only in cherry, menthol, and tobacco flavors.</li> <li>• SKYCIG</li> </ul>

**Table A4.1-1 Continued**

**B. Independent public e-cigarette companies**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
<p>ECIG (formerly Victory Electronic Cigarettes)  <a href="http://ecig.co">http://ecig.co</a>  <a href="https://www.fincigs.com/">https://www.fincigs.com/</a>  <a href="https://www.vipelectroniccigarette.co.uk/">https://www.vapestick.co.uk/</a>  <a href="http://elreyecigs.com/">http://elreyecigs.com/</a></p>	<ul style="list-style-type: none"> <li>• ECIG claims to be the largest public e-cigarette company by sales.</li> <li>• Incorporated in the state of Nevada in 2004 as Teckmine Industries, which later became a public company traded in the over-the-counter market, a market for securities not listed on a stock exchange. In 2013, acquired Victory Electronic Cigarettes, Inc. and changed its name to “Victory Electronic Cigarettes Corporation.” On July 2, 2014, changed the name again to “Electronic Cigarettes International Group, Ltd.”</li> <li>• ECIG expanded rapidly during 2013 and 2014, making four significant acquisitions across the United States and Europe (FIN, VIP, Vapestick, and Hardwire), and now operates in the United States, Europe, and Latin America.</li> <li>• ECIG is one of the companies named in Ruyan’s patent infringement lawsuit.</li> </ul>	<ul style="list-style-type: none"> <li>• FIN: Offers a range of cigalike disposable and rechargeable closed vaping systems in menthol and tobacco flavors. Also offers two tank systems: the cartomizer vaping system and the advanced vaping kit in tobacco, menthol, cherry, vanilla, blueberry, and cinnamon flavors and flavorless.</li> <li>• VIP: Leading brand in the United Kingdom and Ireland. Offers cigalike starter kits in tobacco and menthol flavors; starter tank kits in tobacco and menthol; and refills in apple, cherry, coffee, strawberry, and vanilla. E-liquids come in two sizes, 10 mL and 30 mL, and numerous flavors.</li> <li>• VAPESTICK: Has signature blue line tips. Offers cigalike starter kits; cartomizer kits; disposable flavored, soft tip, and regular cigalike e-cigs; disposable cigars; cartomizer refills; e-liquids; “clearomisers”; and replacement parts.</li> <li>• Victory: Broad line of disposable, rechargeable e-cigarette products offered in cherry, blueberry, coffee, chocolate, tobacco, vanilla, strawberry, and menthol flavors.</li> <li>• El Rey: Marketed to Hispanic men. Offers a broad line of disposable, rechargeable, and cigalike products in menthol and tobacco flavors.</li> <li>• Victoria: Marketed to women. Offers disposable, rechargeable, and vaping items.</li> <li>• GreenStix: Sold exclusively at Mapco (one of the largest convenience store chains in the United States). Offers a disposable e-cigarette sold in an ergonomic carrying case. Available in tobacco and menthol flavors.</li> </ul>
<p>Vapor Hub  <a href="http://www.vapor-hub.com">http://www.vapor-hub.com</a>  <a href="http://www.smokelessdelite.com/">http://www.smokelessdelite.com/</a></p>	<ul style="list-style-type: none"> <li>• One of the early pioneers of the online e-cigarette industry in the United States, selling cigalikes. Today it sells e-liquids and modified e-cigarettes.</li> <li>• The company has opened two retail locations used mainly for market research purposes.</li> </ul>	<ul style="list-style-type: none"> <li>• Vapor Hub: Offers mod-style starter kits, accessories, and e-liquids.</li> <li>• Smokeless Delite: Offers mod-style and cigalike starter kits and e-liquids.</li> <li>• Flavors Vapor E-Liquid.</li> <li>• TacMods USA: Sells mod-style products to wholesalers.</li> </ul>

Table A4.1-1 B Continued

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
<p>Vapor Corp.  <a href="http://www.vapor-corp.com">http://www.vapor-corp.com</a>  <a href="http://www.smoke51.com/">http://www.smoke51.com/</a>  <a href="http://www.kraveit.com/">http://www.kraveit.com/</a>  <a href="http://www.ivaporx.com/">http://www.ivaporx.com/</a>  <a href="http://www.vapor-corp.com/brands/overview">http://www.vapor-corp.com/brands/overview</a></p> <p><i>Note:</i> According to their websites, as of May 1, 2016, the e-commerce sites for the Vapor Corp. family of retail products are shut down.</p>	<ul style="list-style-type: none"> <li>• In 2009, acquired Smoke Anywhere USA Inc.; name changed to Vapor Corp. in 2010, which was incorporated in 2013 in Nevada.</li> <li>• In May 2014, the company's stock was listed on the NASDAQ.</li> <li>• In March 2015, acquired Vaporin, Inc.</li> <li>• Sales are via Internet, traditional retail, and retail kiosks in malls in Maryland, New Jersey, and Texas.</li> <li>• Company also designs and develops private label brands for distribution to customers.</li> <li>• Patents are pending for soft-tip e-cigarette filter, e-cig that can be re-charged by shaking product, universal fit mouthpiece that can be used with other brands, air flow sensor, and biometric fingerprint lock sensor.</li> <li>• Does not have manufacturing capabilities. Uses 13 different manufacturers based in China.</li> </ul>	<ul style="list-style-type: none"> <li>• Fifty-One (Smoke 51): Offers cigalike starter kits in menthol and tobacco and disposable e-cigars.</li> <li>• Krave: Offers cigalike starter kits and disposable tobacco and menthol e-cigs. Depending on product line, very vanilla, grape, wild cherry, green apple, and chocolate flavors are available.</li> <li>• VaporX: Offers mod-style and ego starter kits and e-liquids.</li> <li>• EZ Smoker: Marketed via an infomercial. Offers free e-cigarette and charges only for shipping and handling.</li> <li>• Alternacig: Cigalike starter kit available in tobacco and menthol flavors, marketed only on television (direct-response television marketing product).</li> <li>• Green Puffer.</li> <li>• Americig.</li> <li>• Fumare.</li> <li>• Hookah Stix: Cigalike e-cig available in 10 flavors.</li> <li>• Smoke Star.</li> <li>• Entered a joint venture with Emagine the Vape Store LLC: Plans to establish retail stores for the sale of Vapor and Vaporin products.</li> </ul>
<p>Mainstream Cannabis Innovations Group (MCIG)  <a href="http://www.mcig.org">http://www.mcig.org</a>  <a href="https://vapolution.com/">https://vapolution.com/</a>  <a href="http://www.vitacig.org/">http://www.vitacig.org/</a></p>	<ul style="list-style-type: none"> <li>• Produces and markets e-cigarettes that vaporize a variety of plant material, principally tobacco and marijuana (for medicinal and recreational purposes).</li> <li>• The company states that the key strategy is to focus on and benefit from the gradual decriminalization and legalization of marijuana in the United States.</li> <li>• In January 2014, acquired Vapolution Inc.</li> <li>• In February 2014, acquired VitaCig, Inc.</li> </ul>	<ul style="list-style-type: none"> <li>• MCIG: Offers vaporizers (mod style).</li> <li>• VitaCig Refresh, Energize, or Relax E-cigarettes: Offers mod-style starter kits with natural flavors, vitamins, terpenes, and phytonutrients).</li> </ul>
<p>Gilla Inc.  <a href="http://gillainc.com">http://gillainc.com</a>  <a href="https://www.evokesmoke.com/">https://www.evokesmoke.com/</a></p>	<ul style="list-style-type: none"> <li>• Designs, markets, and distributes e-cigarettes and other similar products and accessories, mainly in the United States, with a market capitalization of ~\$15 million.</li> <li>• E-commerce sales via its "members-only" monthly subscription service.</li> </ul>	<ul style="list-style-type: none"> <li>• EVOKE: Disposable and rechargeable cigalike e-cigarettes, e-cigarillos, and e-cigars in various flavor profiles.</li> </ul>

**Table A4.1-1 B Continued**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
Vape Holdings, Inc. <a href="http://vapeholdings.com">http://vapeholdings.com</a>	<ul style="list-style-type: none"> <li>• In March, 2014, purchased the HIVE Ceramics LLC (“Hive”) vaporization product and related intellectual property. HIVE products are distributed through various wholesale distribution channels.</li> <li>• Plans to open “THE HIVE” retail store and gallery in Los Angeles.</li> </ul>	<ul style="list-style-type: none"> <li>• HIVE Ceramics: Offers “a proprietary blend of ceramic elements for torched, electronic, and portable vaporizers” (HIVE Ceramics 2016). The product line “consists of more than 15 distinct ceramic elements, including the 2-piece domeless, domeless direct inject, and HIVE’s signature domeless elements covering 10- mm, 14-mm, and 18-mm applications, as well as regular elements; the HIVE Flower Cup; the HIVE Carb Cap; the HIVE Stinger Dabber, the 14-mm HIVE x Quave Club Banger; the HIVE x D-Nail 16-mm and 20-mm attachments; and the highly anticipated Brotherhood Ceramic Honey Bucket developed in collaboration with Mothership Glass” (Vape Holdings 2015).</li> <li>• HIVE Glass: “The HIVE Glass line is precision made using state of the art manufacturing processes and techniques, and exclusively uses German Schott glass and fittings through all production phases” (PRNewswire 2014).</li> </ul>
NHALE <a href="http://www.nhaleinc.com/about.html">http://www.nhaleinc.com/about.html</a>	<ul style="list-style-type: none"> <li>• Nhale Inc. was incorporated in the state of Nevada on March 8, 2012.</li> <li>• Began development of the Nhale brand in June 2014.</li> </ul>	<ul style="list-style-type: none"> <li>• Nhale: Produces an herbal vaporizer pen, as part of a multi-use kit, for vaporizing dry leaf herbs, waxes, oils, and e-liquids.</li> </ul>

**C. Independent private e-cigarette companies**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
Ballantyne Brands (Mistic) <a href="http://www.ballantynebrands.com">http://www.ballantynebrands.com</a> <a href="http://www.misticecigs.com/">http://www.misticecigs.com/</a>	<ul style="list-style-type: none"> <li>• Present in 68,000 retail outlets (FDM and CV); online sales represent about 2–3%.</li> <li>• First independent vapor company to fully move to U.S.-based supply chain.</li> <li>• Original owners exited e-cig market, sold company to John Wiesehan, Jr. and Todd Millard in 2012. Brand was relaunched in December 2012.</li> <li>• Haus increased in size in part because of Walmart’s request for a larger device.</li> <li>• Company does not focus on advertising (no longer does television commercials). All advertising focuses on Indy Car sponsorship.</li> <li>• Mistic is one of the companies named in the Ruyan patent infringement lawsuit.</li> </ul>	<ul style="list-style-type: none"> <li>• Mistic Bridge: Launched in October 2014. Cigalike with refillable tank that attaches to other batteries like a cartridge. Compatible with MarkTen and blu batteries.</li> <li>• Haus Personal vaporizer: Originally had 5 flavors, but as of June 14, 2016, there are 22; tobacco and menthol are the best sellers.</li> <li>• Haus e-liquid can be used in competitor open systems.</li> <li>• Mistic: Rechargeable and disposable e-cigs.</li> <li>• Mistic e-liquid: Two blends (American and Cool Ice) are produced in the United States in an FDA food-grade facility (Business Wire 2013).</li> <li>• Refill cartridges.</li> <li>• Charging accessories.</li> </ul>

Table A4.1-1 C Continued

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
<p>NJOY, Inc.  <a href="https://www.njoy.com/">https://www.njoy.com/</a></p>	<ul style="list-style-type: none"> <li>• Largest independent e-cigarette and vaping company. NJOY products are available in about 90,000 stores in the United States and about 40,000 stores in Europe.</li> <li>• Offers many types of e-cigarette products: disposable, rechargeable, vaping devices, and e-liquids; focused on single-brand strategy.</li> <li>• Has strategic partnership (5-year contract) with Caesars Casinos and World Series of Poker. Provides exclusive branding, merchandising, and exclusive sales in the World Series of Poker playing rooms.</li> <li>• Introduced a range of tank systems to convenience stores and “vape shops” in late 2014.</li> <li>• NJOY is one of the companies named in Ruyan’s patent infringement lawsuit.</li> </ul>	<ul style="list-style-type: none"> <li>• NJOY Disposable: Cigalike with soft tip; available in bold, menthol, and gold.</li> <li>• NJOY Rechargeable: Cigalike e-cigs offered in five flavors: gold tobacco, pomegranate, vanilla bean, bold tobacco, and menthol.</li> <li>• NJOY Starter Kits: Cigalike e-cig.</li> <li>• NJOY Vaping Kits: Available in a range of sizes (economy, standard, premium, and super).</li> <li>• NJOY E-liquid: Offers a lineup of many flavors, including tobacco, menthol, vanilla bean, pomegranate, blood orange, single malt scotch, blueberry and blackberry, and peach tea, among others.</li> </ul>
<p>CB Distributors Inc.                      (21st Century Smoke)  <a href="http://www.cbistributorsinc.com">http://www.cbistributorsinc.com</a>  <a href="https://www.21stcenturysmoke.com/">https://www.21stcenturysmoke.com/</a>  <a href="https://www.vapinplus.com/">https://www.vapinplus.com/</a></p>	<ul style="list-style-type: none"> <li>• Leading wholesaler for the U.S. convenience store industry, with an extensive product range.</li> <li>• Under the e-cigarettes category, company sells products from 21st Century Smoke.</li> <li>• One of the companies named in Ruyan’s patent infringement lawsuit.</li> <li>• Websites offer auto-shipping feature for returning customers and users.</li> </ul>	<ul style="list-style-type: none"> <li>• 21st Century Smoke: Sells cigalike starter kits in menthol and tobacco flavors. Refills are available in strawberry. Disposable cigalike e-cigarettes have soft-tip technology.</li> <li>• Vapin Plus: Offers liquid vaporizer pen starter kits (ego style). E-liquids are available in many flavors: tobacco, menthol, clove, apple, blueberry, cappuccino, cherry, chocolate, cigar, grape, peach, strawberry, and vanilla. Also offers tank atomizers, lanyards, batteries, and accessories.</li> </ul>
<p>International Vapor Group (IVG)  <a href="http://www.internationalvaporgroup.com">http://www.internationalvaporgroup.com</a>  <a href="http://www.southbeachsmoke.com/">http://www.southbeachsmoke.com/</a>  <a href="http://www.vaporfi.com/">http://www.vaporfi.com/</a>  <a href="http://www.eversmoke.com/">http://www.eversmoke.com/</a></p>	<ul style="list-style-type: none"> <li>• Founded in 2010.</li> <li>• Focuses on the customer experience in retail channels.</li> <li>• Custom e-liquid blends are mixed by “Vapetenders.”</li> <li>• Sales focus: online, wholesale, and retail through a network of VaporFi-branded “vape shops.” Operates three store formats: free-standing, mall-based, and smaller kiosks.</li> </ul>	<ul style="list-style-type: none"> <li>• South Beach Smoke: Offers e-go and cigalike starter kits, disposable cigalike e-cigs, and many flavors (e.g., tobacco, menthol, chocolate, vanilla, cherry, peppermint, piña colada, and peach). Customers can make custom blends of flavors.</li> <li>• VaporFi: Offers ego-style vaporizer starter kits, accessories, and e-liquids in tobacco, menthol, dessert, fruit, and candy flavors.</li> <li>• EverSmoke: Offers cigalike starter kits and disposables in menthol and tobacco flavors. Cartridges available in tobacco, menthol, coffee, vanilla, cherry, peppermint, piña colada, and peach.</li> <li>• NutriCigs: Offers only disposable cigalike e-cigs formulated with supplements to help with sleep, energy, and weight loss. Flavors include tobacco, menthol, and chocolate for the sleep and weight loss types, and cherry, tobacco, and menthol for the energy type.</li> </ul>

**Table A4.1-1 C Continued**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
<p>Logic  <a href="http://store.logiccig.com">http://store.logiccig.com</a></p>	<ul style="list-style-type: none"> <li>• E-cig with best-in-class battery life.</li> <li>• Seeks to deliver high-quality premium e-cig to consumers and sell at a high-margin price point.</li> <li>• Claims to deliver the most realistic smoking experience.</li> <li>• Logic Pro launched in March 2015.</li> <li>• Does not conduct television, online, or print publication advertising (except for trade publications). Radio advertising adheres to the “liquor standard.”</li> <li>• Does not sell flavored products.</li> </ul>	<ul style="list-style-type: none"> <li>• Logic Disposable: Cigalike</li> <li>• Logic Rechargeable: Features a digital display to view e-cig information—no need to use a computer.</li> <li>• Logic Pro: Pre-filled, sealed e-liquid, cigalike e-cig.</li> <li>• Products are available in tobacco and menthol flavors.</li> </ul>
<p>Halco  <a href="http://www.halcoshop.co.uk/">http://www.halcoshop.co.uk/</a>  <a href="http://www.ok-ecig.com/">http://www.ok-ecig.com/</a>  <a href="http://www.zing-ecig.com/">http://www.zing-ecig.com/</a>  <a href="http://www.nicare.co.uk/">http://www.nicare.co.uk/</a></p>	<ul style="list-style-type: none"> <li>• Private, family-owned convenience store supplier in the United Kingdom.</li> <li>• Also supplies small electrical goods, such as flashlights, to retailers.</li> </ul>	<ul style="list-style-type: none"> <li>• OK: Offers cigalike disposable, starter kits, and refills in tobacco and menthol flavors. Also offers e-go style tank starter kits and e-liquid in tobacco, menthol, apple, blackberry, blueberry, bubblegum, cheesecake, cherry, energy, margarita, melon, menthol, mojito, peach, rhubarb, strawberry, and tobacco flavors.</li> <li>• Zing: Offers ego style tank starter kits, “clearomisers”, and e-liquids in the same flavors as OK e-cigarettes. Also offers disposable cigalike e-cigs in cherry, citrus, peppermint, and strawberry.</li> <li>• Nicare: Offers cigalike starter kit, disposables, and refills in menthol and tobacco flavors. Ego style tank starter kits and e-liquids are also offered with the same flavors as OK e-cigs.</li> </ul>
<p>Gamucci  <a href="http://www.gamucci.net">http://www.gamucci.net</a></p>	<ul style="list-style-type: none"> <li>• Private e-cig company in the United Kingdom.</li> <li>• The Gamucci brand is sold in the United Kingdom, several European markets, the United States, and other overseas markets.</li> <li>• Won the Consumer Choice Award for Best E-cigarette in 2014.</li> <li>• First e-cigarette company to set up its own manufacturing base in China.</li> <li>• Has a United Kingdom patent for the widely used cartomizer technology.</li> </ul>	<ul style="list-style-type: none"> <li>• Offers cigalike disposable and starter kit e-cigs in menthol and tobacco flavors.</li> <li>• Cartomizer refills available in tobacco, menthol, apple, cherry, vanilla, coffee, grape, and cola flavors.</li> <li>• Does not sell its own open vaping system, but it offers e-liquid in tobacco, menthol, cherry, mango, cappuccino, watermelon, lemon, and blueberry flavors.</li> </ul>
<p>VMR  <a href="http://www.vmrproducts.com">http://www.vmrproducts.com</a>  <a href="http://www.v2cigs.com/">http://www.v2cigs.com/</a>  <a href="http://www.vaporcouture.com/">http://www.vaporcouture.com/</a></p>	<ul style="list-style-type: none"> <li>• Founded in 2009.</li> <li>• Owns V2 Cigs, Vapor Couture brands (marketed exclusively to women), and private-label marketers.</li> <li>• Sold in more than 50,000 locations in 30 countries. By the end of 2015, it is estimated that VMR products will be available in more than 60,000 domestic and 80,000 worldwide retail locations.</li> <li>• Vertically integrated company with dedicated factory in China. Focused on bringing new products to the market as consumer demands evolve.</li> </ul>	<ul style="list-style-type: none"> <li>• V2: Offers e-liquids in 12 flavors, cigalike starter kits, and disposable e-cigs in menthol and tobacco.</li> <li>• V2 Pro: Offers vape pens and mod-style starter kits.</li> <li>• Vapor Couture: Offers cigalike starter kits and disposables with five flavors.</li> </ul>



Table A4.1-1 C Continued

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
XEO International <a href="http://www.xeocigs.com">http://www.xeocigs.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2009</li> <li>• Claims to be one of the world's leading developers, distributors, and producers of e-cigarette products.</li> <li>• Focused heavily on research.</li> </ul>	<ul style="list-style-type: none"> <li>• XEO Starter Kits: Ego and cigalike styles.</li> <li>• XEO 100s: Disposable e-cigs available in tobacco, menthol, cherry, melon, strawberry menthol, and vanilla.</li> <li>• XEO e-liquids &amp; cartridges offered in tobacco, menthol, cherry, melon, strawberry, and vanilla.</li> <li>• Shisha2Go: Shisha bowl starter kits, and cartomizers, ego style.</li> </ul>
Jocor Enterprises LLC <a href="http://www.volcanoecigs.com">http://www.volcanoecigs.com</a>	<ul style="list-style-type: none"> <li>• Manufacturer and retailer of e-cigarette starter kits and accessories.</li> <li>• Operates under the brand "Volcano Fine Electronic Cigarette."</li> <li>• Company has manufacturing and retail locations in the United States, United Kingdom, and Southeast Asia.</li> </ul>	<ul style="list-style-type: none"> <li>• USA-Made Volcano Express Starter Kits</li> <li>• The Volcano Kit</li> <li>• The Magma Kit</li> <li>• The Inferno Kit</li> <li>• The Lavatube Kit</li> <li>• Cartomizers</li> <li>• E-Liquids</li> </ul>
Madvapes LLC <a href="http://www.madvapes.com">http://www.madvapes.com</a>	<ul style="list-style-type: none"> <li>• Established in 2009, operates in the U.S. e-cigarette market through retail stores and e-commerce websites.</li> <li>• Company sells e-cigarette kits and e-liquids, along with parts for do-it-yourself users.</li> </ul>	<ul style="list-style-type: none"> <li>• 510 Box Mod Kit</li> <li>• 510 Disposable E-Cig Kit with Blue LED</li> <li>• 510 Disposable E-Cig Kit with Red LED</li> <li>• 510 Smart PPC</li> <li>• 510 Vision eGo Tank Kit</li> <li>• 808-D Starter Kit</li> <li>• 3.7 1xAA MOSEFET Box Mod Kit</li> <li>• 3.7V Box Mod with Red Horn Switch</li> <li>• Bauwau 601 e-Pipe</li> <li>• Disposable E-Cigarette Blister Pack</li> <li>• Black Bolt with Extension Kit</li> <li>• BlackDerlin 5 volt 510 Passthrough</li> <li>• E-Power Chrome Dual Coil Cartomizer Kit</li> <li>• 2xAA Auto Box Mod with Red LED</li> <li>• Top Vapor E-liquid</li> </ul>
Nicotek LLC <a href="http://www.nicotekecigs.com">http://www.nicotekecigs.com</a> <a href="http://www.metroecigs.com/">http://www.metroecigs.com/</a>	<ul style="list-style-type: none"> <li>• Nicotek operates under the brand name "Metro."</li> <li>• Sold in such retail stores as Pilot Food Marts, HEB, and Kroger Corporation (PRNewswire 2011).</li> </ul>	<ul style="list-style-type: none"> <li>• Metro E-cigarette Platinum Kits</li> <li>• Metro E-cigarette Standard Starter Kits</li> <li>• Metro E-cigarette Build Your Own Starter Kit</li> <li>• Metro Seven E-cigarette Disposables</li> <li>• Metro E-cigarette Cartridges</li> <li>• Faze Vaporizers &amp; E-Juice: Offers mod-style vaporizer starter kits and "clearomizers"</li> <li>• East Indies E-Hookah: Offers eight flavors of disposable cigalike e-cigarettes</li> <li>• Accessories</li> </ul>
Provape Inc. <a href="http://www.provape.com">http://www.provape.com</a>	<ul style="list-style-type: none"> <li>• Established in 2009, Provape claims to be one of the leading players in the e-cigarette industry.</li> <li>• Primarily targets high-value market, with some of its products priced above \$200.</li> </ul>	<ul style="list-style-type: none"> <li>• ProVari Mini Variable Voltage E-cigarette</li> <li>• ProVari Variable Voltage V2 E-cig</li> <li>• ProVape-1 Water Vapor Cigarette</li> <li>• Pro-Juice</li> <li>• Provape E-cig Accessories</li> </ul>

**Table A4.1-1 C Continued**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
PremiumEstore LLC <a href="http://www.premiamecigarette.com">http://www.premiamecigarette.com</a>	<ul style="list-style-type: none"> <li>• Claims to be one of the leading players in the global e-cigarette market.</li> <li>• Operates under the brand name “Premium Ecigarettes.”</li> <li>• Wide presence in the United States and Europe.</li> </ul>	<ul style="list-style-type: none"> <li>• E-cigarette Starter Kit PR110</li> <li>• Custom Battery Design PR110 E-cigarette Kit</li> <li>• E-cigarette Starter Kit-PR111</li> <li>• On the Go E-cigarette Kit</li> <li>• E-cigarette Pocket Kit</li> <li>• Flavor Vapes Disposable E-cigarette</li> <li>• Refill Cartridges</li> <li>• Accessories</li> </ul>
Smoker Friendly International, LLC <a href="http://smokerfriendly.com">http://smokerfriendly.com</a>	<ul style="list-style-type: none"> <li>• Claims to be one of the leading players in the U.S. tobacco market.</li> <li>• Has authorized dealers and company-owned outlets across the country.</li> </ul>	<ul style="list-style-type: none"> <li>• Deluxe Starter Kit</li> <li>• Express Starter Kit</li> <li>• Spirit II Disposable</li> <li>• Cartridge Refills</li> </ul>
Spark Industries, LLC <a href="http://sparkind.com">http://sparkind.com</a>	<ul style="list-style-type: none"> <li>• Claims to be one of the leading players in the U.S. e-cigarette industry.</li> <li>• Operates in the e-cigarettes market under the brands “CIG2o” and “Vapage.”</li> <li>• Also has interests in other businesses.</li> </ul>	<ul style="list-style-type: none"> <li>• Vapage Premium E-cig Kit</li> <li>• Vapage Pocket Pack</li> <li>• CIG2o Starter ProKit</li> <li>• Vapage Barfly Disposable</li> <li>• CIG2o Classic Tobacco Black Label Disposable E-cigarette</li> <li>• CIG2o Blue Frost Label Disposable E-cigarette</li> <li>• Vapage Liquid</li> </ul>
Totally Wicked E-Liquid USA Inc. <a href="http://www.totallywicked-eliqid.com">http://www.totallywicked-eliqid.com</a>	<ul style="list-style-type: none"> <li>• In 2011, Totally Wicked E-Liquid Inc., bought PillBox38, thus making Totally Wicked an autonomous U.S.-incorporated company.</li> <li>• Established in 2008, Pillbox38 (UK) claims to be one of the leading companies offering e-cigarettes and e-liquids. In 2011, PillBox38 was sold to Totally Wicked E-Liquid Inc., thus making TWEL an autonomous U.S.-incorporated company.</li> </ul>	<ul style="list-style-type: none"> <li>• Tornado eGo-C E Cig</li> <li>• Torpedo VV E cig</li> <li>• Totally Wicked E Liquid</li> <li>• Microlite E Cig</li> <li>• Disposable E Cig</li> <li>• Joyetech eGo-C E Cig</li> <li>• 510 Titan Tank E Cig</li> <li>• TECC E Pipe &amp; E Cigar</li> </ul>
Halo Companies, Inc. <a href="https://www.halocigs.com/">https://www.halocigs.com/</a>	<ul style="list-style-type: none"> <li>• Operates under the brand names “G6” and “Halo.”</li> <li>• Claims its American-made e-liquid brand is one of the leading brands in the e-liquid market.</li> </ul>	<ul style="list-style-type: none"> <li>• American Made E-Liquid</li> <li>• G6 Basic Starter Kit</li> <li>• Halo Sampler Kit</li> <li>• Halo Basic Starter Kit</li> <li>• Cartomizers</li> <li>• Batteries</li> <li>• Chargers</li> <li>• Cases and Holders</li> </ul>
Vapor 4 Life <a href="http://www.vapor4life.com">http://www.vapor4life.com</a>	<ul style="list-style-type: none"> <li>• Claims to be one of the leading players in the United States e-cigarettes market.</li> <li>• Develops and distributes “V4L” brand of e-cigarettes, e-liquid, and accessories.</li> </ul>	<ul style="list-style-type: none"> <li>• Original Vapor King Starter Kits</li> <li>• Classic VK Starter Kits</li> <li>• Vapor Titan E-Cig Starter Kits</li> <li>• Vapor4Life E-Cig Batteries</li> <li>• Cartomizers</li> <li>• E-Liquids</li> </ul>

Table A4.1-1 C Continued

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
White Cloud Electronic Cigarettes <a href="http://www.whitecloudelectroniccigarettes.com">http://www.whitecloudelectroniccigarettes.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2008, White Cloud is a vertically integrated manufacturer and marketer of e-cigarettes.</li> <li>• In 2013, entered into a strategic research partnership with University of South Florida and joined the Cooperation Centre for Scientific Research Relative to Tobacco (CORESTA).</li> <li>• Announced in 2014 that it will partner with Leading Edge Series to produce industry-specific educational segments on channels nationwide.</li> </ul>	<ul style="list-style-type: none"> <li>• Cirrus, Cirrus II, Cirrus 3: Collection of rechargeable cigarettes available in 25 flavors; also available in starter kits and varying levels of strength: double-extra, extra, full, light, ultra-light, and nicotine-free.</li> <li>• Fling Disposables available in 16 flavors in double-extra, extra, full, light, and nicotine-free.</li> <li>• Charge-Bolt</li> <li>• ClearDraw, ClearDraw2, and InvisiVapor cartridges</li> </ul>

**D. Other e-cigarette-related companies: E-liquid, flavor, and battery**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
Johnson Creek <a href="https://www.johnsoncreeksmokejuice.com">https://www.johnsoncreeksmokejuice.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2008.</li> <li>• First company to produce and manufacture e-liquid in the United States.</li> <li>• Claims to be second largest e-liquid manufacturer in the world.</li> <li>• Claims to have 100% sourced in the United States.</li> <li>• Sales mix: 30% “vape shops,” 70% convenience stores.</li> <li>• In March 2014, Republic Tobacco (major distributor of RYO cigarette papers and tobacco) purchased 50% stake in Johnson Creek, which was expected to increase its distribution network 20-fold (Romell 2014).</li> <li>• Makes all e-liquid used in blu e-cigs (Romell 2014).</li> </ul>	<ul style="list-style-type: none"> <li>• Founders Reserve—Artisan crafted smoke juice. Limited Edition offering of classic tobacco flavor distilled in charred oak barrels infused with whiskey.</li> <li>• Offers e-liquid in 58 different flavor profiles.</li> <li>• Vea: E-go style tank starter kits and accessories.</li> </ul>
Flavoriq <a href="http://flavoriq.net">http://flavoriq.net</a>	<ul style="list-style-type: none"> <li>• Third-generation independently owned company located in Hamburg-Reinbek, Germany, Dubai, United Arab Emirates, engaged in tailor-made flavors and casings for tobacco and related products.</li> </ul>	<ul style="list-style-type: none"> <li>• Offers e-liquid only to industrial customers.</li> </ul>
Energy Very Endure (EVE Energy Co., Ltd) <a href="http://www.evebattery.com/en2/index02.aspx">http://www.evebattery.com/en2/index02.aspx</a>	<ul style="list-style-type: none"> <li>• Founded in 2001, specializes in high-energy lithium batteries.</li> <li>• Customized designs are available.</li> <li>• Twenty-one models are available for e-cigarette products.</li> </ul>	—
Alchem International/ NicSelect <a href="http://www.alcheminternational.com/nicotine">http://www.alcheminternational.com/nicotine</a>	<ul style="list-style-type: none"> <li>• Global manufacturer of natural nicotine and nicotine complexes for use in tobacco substitutes, including e-cigarettes.</li> </ul>	<ul style="list-style-type: none"> <li>• NicSelect: Nicotine extracted from pesticide-free tobacco plants.</li> </ul>

**Table A4.1-1 D Continued**

<b>Company name and website</b>	<b>Brief description of the company and key events</b>	<b>Major e-cigarette products and brands</b>
Vapor World <a href="http://www.vaporworld.biz">http://www.vaporworld.biz</a>	<ul style="list-style-type: none"> <li>• Manufactures nicotine for e-liquid manufacturers.</li> <li>• Wholesale manufacturer of e-liquids and offers name brand e-cigarettes wholesale, including Innokin, Ismoka, Kangertech, Samsung, and Smok.</li> </ul>	<ul style="list-style-type: none"> <li>• Vapor World Liquid Nicotine: FDA-inspected, plant-based, pharmaceutical-grade liquid nicotine from tobacco plants.</li> </ul>
TruNic <a href="http://trunicotine.com">http://trunicotine.com</a>	<ul style="list-style-type: none"> <li>• Grows and extracts liquid nicotine in United States for use in e-liquid/e-cigarette products.</li> </ul>	<ul style="list-style-type: none"> <li>• TruNic: U.S.-grown and extracted nicotine from tobacco leaves.</li> </ul>
USA Liquid Nicotine/USA Laboratories <a href="http://www.usa-laboratories.com">http://www.usa-laboratories.com</a>	<ul style="list-style-type: none"> <li>• Serves e-liquid professionals and do-it-yourself customer markets.</li> <li>• Manufactures and blends in Albany, GA.</li> </ul>	<ul style="list-style-type: none"> <li>• USA Liquid Nicotine: Manufactured from tobacco plants.</li> </ul>
Liquid Nicotine Wholesalers <a href="https://liquidnicotinewholesalers.com">https://liquidnicotinewholesalers.com</a>	<ul style="list-style-type: none"> <li>• U.S. supplier and wholesaler of liquid nicotine for e-liquid.</li> </ul>	<ul style="list-style-type: none"> <li>• USP Nicotine Extract Liquid: Organic and derived from tobacco leaves.</li> <li>• E-liquid nicotine.</li> <li>• USP kosher propylene glycol.</li> <li>• USP kosher vegetable glycerin.</li> </ul>
Heartlandvapes <a href="http://wholesale.heartlandvapes.com">http://wholesale.heartlandvapes.com</a>	<ul style="list-style-type: none"> <li>• Manufacturer and wholesale distributor of e-liquid and ingredients.</li> </ul>	<ul style="list-style-type: none"> <li>• Wholesale nicotine</li> </ul>
Essential Depot <a href="http://www.essentialdepot.com">http://www.essentialdepot.com</a>	<ul style="list-style-type: none"> <li>• Producers of vegetable glycerin and propylene glycol for e-cigarette industry in the United States.</li> </ul>	—

**E. China-based e-cigarette manufacturers**

<b>Company name and website</b>	<b>Brief description of the company and key events</b>	<b>Major e-cigarette products and brands</b>
Joyetech Co., Ltd. (Shenzhen) <a href="http://www.joyetech.com/">http://www.joyetech.com/</a>	<ul style="list-style-type: none"> <li>• Very large independent e-cigarette manufacturer founded in 2007.</li> <li>• Headquartered in China.</li> <li>• Well-known for its tank-style products, such as the eGo.</li> <li>• Has formed partnerships with various companies around the world that license its name.</li> <li>• Holds many patents in China.</li> </ul>	<ul style="list-style-type: none"> <li>• eVic-VT: Mod style</li> <li>• eGo ONE series: Mod style</li> <li>• eGrip: Mod style</li> <li>• Delta series: Mod style</li> <li>• eRoll series: Mod style, thin pen-like design, but does not resemble cigarette</li> <li>• eCom series: Mod style</li> <li>• eVic series: Mod style</li> <li>• Joye510CC: Ego style</li> <li>• eMode: Ego style</li> <li>• eGo series: Ego style</li> <li>• eCab: Ego style</li> <li>• Also offers e-liquid in tobacco, fruit, herbal, drink, and dessert flavors.</li> </ul>

Table A4.1-1 E Continued

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
Kimree Inc. (Huizhou) <a href="http://www.kimree.com">http://www.kimree.com</a>	<ul style="list-style-type: none"> <li>• A world leading e-cigarette company.</li> <li>• Based in Huizhou, China.</li> <li>• Holds significant number of patents related to e-cigarettes.</li> <li>• Has its own cigarette brand, Ekmizer, which is sold online.</li> </ul>	<ul style="list-style-type: none"> <li>• Ekmizer: Sells disposable, rechargeable, and accessories. Subcategory of products includes Ekmizer line, Vapor Queen line, e-hookahs, e-cigars, and an eGo series line.</li> </ul>
FirstUnion Technology (Shenzhen) <a href="http://www.chinafirstunion.com">www.chinafirstunion.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2004.</li> <li>• Major supplier for U.S. e-cigarette market, including VMR Products, Pillbox (now Totally Wicked), Greensmartliving, etc.</li> </ul>	<ul style="list-style-type: none"> <li>• eGo T e-cigarette</li> <li>• Disposable e-cigarette</li> <li>• PCC healthy e-cigarette</li> <li>• Healthy 1100 mah eGo T</li> <li>• E-pipe</li> <li>• Mini e-cigarette</li> </ul>
Innokin Technology (Shenzhen) <a href="http://www.innokin.com/">http://www.innokin.com/</a>	<ul style="list-style-type: none"> <li>• Founded in 2011.</li> <li>• Innokin Technology claims to design and manufacture some of the world's most technologically innovative and high-quality advanced personal vaporizers.</li> <li>• Pioneered many industry standard features in personal vaporizer technology, such as the pen clip cap, puff counter, pass-through and magnet connecting technology, and battery capacity LED display lights.</li> <li>• Has manufacturing operations in China and the United States.</li> <li>• Products available internationally.</li> <li>• Does not manufacture or sell e-liquids, but the devices can be used with e-liquids of varying nicotine strengths (including 0 mg of nicotine).</li> </ul>	<ul style="list-style-type: none"> <li>• iClear Clearomizers</li> <li>• itaste: Mod-style products</li> <li>• Cool Fire: Mod style</li> <li>• Lily: ego style</li> <li>• Gladuis: Mod-style parts</li> <li>• iSub: Mod-style vaporizer tanks</li> </ul>
Dekang Biological Technology Co., LTD (Chang Ning) <a href="http://www.dekangbio.com/">http://www.dekangbio.com/</a>	<ul style="list-style-type: none"> <li>• Founded in 2003.</li> <li>• Claims to be critically acclaimed in the e-cigarette world.</li> </ul>	<ul style="list-style-type: none"> <li>• Dekang e-liquids (5, 10, 15, 20, 30, and 50 mL)</li> </ul>
DESONiC Electronic Co. Ltd (Shenzhen) <a href="http://www.desonic.net">http://www.desonic.net</a>	<ul style="list-style-type: none"> <li>• Claims to be one of the leading and oldest manufacturers of e-cigarettes.</li> <li>• Supplies disposable e-cigarettes to NJOY exclusively.</li> </ul>	<ul style="list-style-type: none"> <li>• EGO-T</li> <li>• EGO-TG</li> <li>• Cartomizers: CE4, DE812, DE5260, etc.</li> <li>• E-liquid</li> <li>• DE750D-A</li> <li>• DE580D-A</li> <li>• DE730BT-A</li> <li>• AGO-T</li> </ul>
Hangsen Holding Co., Ltd. (Shenzhen) <a href="http://www.hkhangsen.com">http://www.hkhangsen.com</a>	<ul style="list-style-type: none"> <li>• Claims to be one of the leading players in the global e-liquid market.</li> </ul>	<ul style="list-style-type: none"> <li>• DIY (do-it-yourself) E-liquid, with needle bottle and childproof cap</li> <li>• E-liquid for Guangzhou True Hope Technology Co., Ltd cartomizers</li> <li>• Standard VG E-liquid (10 mL, 15 mL, 20 mL, 30 mL, 50 mL)</li> <li>• HS Premium E-liquid</li> <li>• PG E-liquid</li> <li>• Standard PG E-liquid (10 mL, 15 mL, 20 mL, 30 mL, 50 mL)</li> </ul>

**Table A4.1-1 E Continued**

Company name and website	Brief description of the company and key events	Major e-cigarette products and brands
Bauway Technology Limited (Shenzhen) <a href="http://www.bauway.com">http://www.bauway.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2006, manufactures and sells e-cigarettes.</li> <li>• Claims to be one of the leading e-cigarette manufacturers in China.</li> </ul>	<ul style="list-style-type: none"> <li>• BW-084A mini e-cigarette</li> <li>• BW-118X disposable e-cigarette</li> <li>• BW-510 e-cigarette</li> <li>• BW-510F e-cigarette</li> <li>• BW-510 tank e-cigarette</li> <li>• E-cigarette pen-style series</li> <li>• BW-eGo</li> <li>• BW-eGo-w</li> <li>• E-cigarette accessories</li> </ul>
JieShiBo Technology (Shenzhen) <a href="http://www.jsbcigarette.com">http://www.jsbcigarette.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2008, specializes in original equipment manufacturer services.</li> </ul>	<ul style="list-style-type: none"> <li>• Vgo-t e-cigarette</li> <li>• Disposable e-cigarette</li> <li>• Health e-cigarette pipe</li> <li>• Diamond e-cigarette VGO</li> <li>• VGO e-cigarette with LED logo battery</li> <li>• VGO with bar light and large cartridge</li> <li>• LCD screen PCC e-cigarette</li> </ul>
KangerTech (Shenzhen) <a href="http://www.szkaner.com">http://www.szkaner.com</a>	<ul style="list-style-type: none"> <li>• Manufacturer of e-cigarettes.</li> </ul>	<ul style="list-style-type: none"> <li>• E-cigarette V1-Power</li> <li>• Kanger T2</li> <li>• KR-808D-1</li> <li>• Disposable e-cigarette</li> <li>• KR-808D-1P</li> <li>• VGO e-cigarette</li> </ul>
Smooore Technology Limited (Shenzhen) <a href="http://www.smooorecig.com">http://www.smooorecig.com</a>	<ul style="list-style-type: none"> <li>• Founded in 2006, manufactures and sells e-cigarettes.</li> <li>• Exports more than 80% of its products to the United States, Japan, and European countries.</li> <li>• One of the major suppliers for Sottera, Inc.</li> </ul>	<ul style="list-style-type: none"> <li>• E-cigarette cartomizer series</li> <li>• E-cigarette smart PCC series</li> <li>• E-cigarette mini series</li> <li>• E-cigarette pen-style series</li> <li>• E-cigarette disposable series</li> <li>• E-cigarette accessory series</li> </ul>
Tianjin Electronic Co., Ltd. (Shenzhen) <a href="http://www.teamgiant.com.cn">http://www.teamgiant.com.cn</a>	<ul style="list-style-type: none"> <li>• Founded in 2006, exports 80% of products to North America, Europe, and Asia.</li> </ul>	<ul style="list-style-type: none"> <li>• Slim lady e-cigarette</li> <li>• Mini 8.5 mm e-cigarette</li> <li>• E-cigar</li> <li>• E-Pipe</li> <li>• E-cig 401</li> <li>• Disposable e-cigarette</li> </ul>
Boge Technology Co., Ltd. (Shenzhen) <a href="http://www.bogecig.com">http://www.bogecig.com</a>	<ul style="list-style-type: none"> <li>• Formed in 2008.</li> <li>• Manufactures and sells e-cigarettes.</li> </ul>	<ul style="list-style-type: none"> <li>• Revolution e-cigarette</li> <li>• LEO e-cigarette</li> <li>• Cartomizer e-cigarette</li> <li>• ECIS series</li> <li>• Mystic Box series</li> <li>• Q Semi Disposable e-cigarette</li> </ul>
Buddy Technology Co., Ltd. (Shenzhen) <a href="http://szxp88.en.alibaba.com/">http://szxp88.en.alibaba.com/</a>	<ul style="list-style-type: none"> <li>• Established in 2008.</li> <li>• Manufactures and sells e-cigarettes.</li> </ul>	<ul style="list-style-type: none"> <li>• CE4 e-cigarette</li> <li>• BUD e-cigarette</li> <li>• EGO-T e-cigarette</li> <li>• BUDDY e-liquid</li> <li>• Drgo-T e-cigarette</li> <li>• PCC e-cigarette</li> <li>• Disposable e-cigarette</li> </ul>
Ereiter Electronics Technology Co., Ltd. (Shenzhen) <a href="http://ereiter.en.made-in-china.com/">http://ereiter.en.made-in-china.com/</a>	<ul style="list-style-type: none"> <li>• Established in 1997.</li> <li>• Operates in beauty and health care products, along with manufacturing and selling e-cigarettes.</li> </ul>	<ul style="list-style-type: none"> <li>• E-cigarette 502 series</li> <li>• E-cigarette eGo, eGo-T</li> <li>• Disposable e-cigarette</li> <li>• E-cigarette accessories</li> <li>• EC 102 and 105 kits</li> </ul>

Source: Various news sources and company websites, SEC reports, and press releases as of January 25, 2016, and July 5, 2016.

Note: Web addresses accurate as of July 5, 2016.

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