

TABLE 1. Commercial Sterilizers Contributing to Elevated Cancer Risk from EtO Emissions and/or Located in Hotspots

Facility	Location	Elevated Cancer Risk ^a	Maximum Excess Cancer Risk Level (additional cancer cases per 1 million people) ^b	Hotspot ^c	Reported Noncompliance ^d
American Contract Systems	Chandler, AZ			X	
Stryker Sustainability Solutions	Phoenix, AZ			X	
Sterigenics	Los Angeles, CA			X	
Partner Medical Products	Carson, CA			X	
NASA-Ames Research Center	Mountain View, CA			X	x
Auris Health	San Jose, CA			X	
Abbott Cardiovascular Systems/ Guidant	Temecula, CA			X	
Steris Isomedix	Temecula, CA			X	
Livanova	Arvada, CO			X	
Terumo BCT	Lakewood, CO	X	600	X	
International Sterilization Laboratory	Groveland, FL	X	200		
Sterilization Services of Georgia	Atlanta, GA			X	x
Sterigenics	Atlanta, GA			X	x
Professional Contract Sterilization	Taunton, MA	X	900		x
Elite Spice	Hanover, MD	X	100	X	
Elite Spice	Jessup, MD	X	100	X	
Trinity Sterile	Salisbury, MD	X	100		
Midwest Sterilization	Jackson, MO	X	2,000		
Cardiac Pacemakers/Boston Scientific	Arden Hills, MN			X	
Medtronic Physiological Research Lab	Coon Rapids, MN			X	
Steris	Coon Rapids, MN			X	
Medtronic	Fridley, MN			X	
Interventional Cardiology/Boston Scientific	Maple Grove, MN			X	
Becton Dickinson Pharmaceutical Systems	Columbus, NE	X	400		
Cosmed Group	Franklin, NJ	X	100		
EtO Sterilization	Linden, NJ	X	2,000		
Lemco Ardmore	Ardmore, OK	X	200		
Cosmed Group/Medical MFG	Erie, PA	X	300		x
American Contract Systems	Zelienople, PA	X	100		
Edwards Lifesciences Technology	Añasco, PR	X	5,000		
Customed	Fajardo, PR	X	1,000		
Steri-Tech	Salinas, PR	X	6,000		x
Medtronic	Villalba, PR	X	800		
Sterilization Services of Tennessee	Memphis, TN	X	2,000		x
DeRoyal Industries/Royal Sterilization	New Tazewell, TN	X	3,000		
Steritec	Athens, TX	X	1,000		
Dynatec Scientific Laboratories	El Paso, TX			X	
Steris Isomedix	El Paso, TX			X	
Cosmed of Texas	Grand Prairie, TX			X	
Sterigenics	Grand Prairie, TX			X	
Midwest Sterilization Corporation	Laredo, TX	X	100		
BD Medical	Sandy, UT	X	3,000		
Sterilization Services of Virginia	Henrico, VA	X	1,000	X	
Lifenet Health Concert	Virginia Beach, VA			X	x
Lifenet Health Bayside	Virginia Beach, VA			X	
Central Virginia Health Network/Bon Secours Mercy Health	Richmond, VA			X	

Forty-six commercial sterilizers were identified by EPA as contributing to elevated excess cancer risks or were identified by UCS as located within 10 miles of at least one other commercial sterilizer.

a. EtO emissions from these facilities contribute to a maximum excess cancer risk level that exceeds the EPA's threshold of 100 cancer cases per 1 million people. This is equivalent to one additional cancer case per 10,000 people. b The EPA's excess cancer risk values assume that a person breathes air containing EtO at the expected level for 24 hours a day for 70 years. This risk level does not include cancer risks from other causes. c These are commercial sterilizers located within 10 miles of one or more other commercial sterilizers. Communities in sterilizer hotspots may be located within five miles of two or more commercial sterilizers. d These are commercial sterilizers that have been found to be in noncompliance with the Clean Air Act at least once in the last 12 quarters and/or been subject to informal and/or formal enforcement actions at least once in the last five years.

SOURCES: ECHO, N.D.; EPA 2022C.