

U.S. Hotel/Motel Carbon Monoxide Incidents - 1967 to date (8-30-2018)

State	City	Date of incident	Victims	Name of facility	Chain/member hotel	# of deaths	# of injured	# of child victims (18 and under)	Source of CO	Location of source	Incident details/notes
OH	Boston Heights	11/18/67	Betty Bishop, 53 & sister Mary Bishop, 56 (both deceased); Bruce, 22 (deceased) & wife Joan Plagman, 21 (injured)	Best Western Yankee Clipper Inn	Y	3	100		pool heater	basement laundry room	11/18/1967 was a Saturday and over 500 people were at hotel for three different weekend events; a couple began to feel dizzy about 6:30pm and went to their room thinking they were catching the flu or ate something bad, at 11:30pm the man called the front desk for help because his wife had "fainted"; hotel sent a doctor who was onsite at a medical conference to their room - he was suspicious it was something they might have inhaled and called for an ambulance; at the same time the couple arrived to the emergency room, another couple arrived with the same symptoms from the hotel; CO was immediately suspected by an ER doctor and "every ambulance possible" was sent to hotel, along with "two hundred police officers, deputies and firefighters"; "hotel was seven stories, 21 rooms to a floor, and most were occupied"; room by room evacuation, guests were found "sprawled on floors, stretched across beds, moaning incoherently"; evacuation took two hours to complete; 3 people were discovered deceased, more than 100 people were injured, 60 hospitalized including six police officers who assisted with evacuation; carbon monoxide was traced to a swimming pool heater in a basement laundry room. "It's vent had been installed too closely to a fresh-air intake, which spread fumes through ducts to the upstairs"
IL	Glen Ellyn	12/10/67	Susan, 21 (deceased), & husband Anthony Grieshaber, 19 (injured), Mrs. Peter Decker, 45 (injured) & daughter Christine Decker, 17 (injured)	Holiday Inn	Y	1	3	1 injured	heating unit		couple was staying on second floor and were found by clerk - she was deceased, he was unconscious and not expected to survive (cannot find information to confirm); two women on second floor were ill and taken to hospital; motel had been open for approximately one week
OH	Ironton	1/3/68	Walter Kelley, 43 (deceased) & wife Lucille Kelley, 41 (injured)			1	1		heater	office	victims were owners of the motel, husband found deceased in office and wife unconscious in adjoining bedroom
OK	Kellyville	12/31/68					7	5 injured	heater		victims were a couple and their 5 children; father was awakened by one of the children who was vomiting and crying - staggered to door and called for help; motel manager called ambulance; motel was newly opened
CA	Norden	12/31/68	Germaine Cliff, 18 (deceased)			1		1 deceased	heater	room	
AZ	Tucson	1/22/69	James R. Johnston, 78 & wife Ethel, 77 (both deceased)	Gammill Motel		2			wall heater	room	victims discovered deceased in their room by a friend six days after they were last seen alive
UT	Soldier Summit	2/11/69	Jimmy Inskeep, 15 (deceased)			1		1 deceased			
TX	El Paso	3/16/69	Jerri, 32 (deceased) & husband Carl Cappel, 35 (injured)	Del Camino Motor Inn		1	1		furnace	room	victims discovered in their room when they failed meet traveling companions for breakfast, wife dead and husband unconscious; "a gas floor furnace in the room was found to have faulty pipes"; owner/manager subsequently charged with negligent homicide
AR	Hot Springs	1/12/70	Ernest J. Sander, 72 (deceased) & wife Emma Sander (injured)	Central Motel		1	1				victims checked into motel on 1/8, both ill and weak on 1/10 and doctor was called to hotel - initially diagnosed with possible pneumonia; on 1/12 owners and maid found husband unconscious and wife semi-conscious, transported to hospital where husband died 4 days later; source of CO undetermined - 2 gas heaters and a gas stove in room
CA	Palm Springs	4/17/70	Cyril Joseph Carey, 47 (deceased)	Sunshine Court Motel		1			heater		
FL	Delray Beach	11/26/70	Lovella Hagabook, 45 (deceased) & husband (injured - no name or age listed)	Fred's Motel		1	1		charcoal heater	room	
CA	Hollywood	12/20/70	Joseph Felice, 21 (injured), Phillip Martone, 21 (injured)	Chesterfield Hotel			2		heater	room	hotel employee found both victims unconscious in their room when they failed to check out; Felice was unconscious for six weeks and Martone was unconscious for five days; both originally diagnosed as suffering from a drug overdose until they were transferred to a different medical facility where they were diagnosed with CO poisoning
NM	Ruidoso	12/30/70	John Grisham, 18 (deceased), Rod Krebbs, 17 (injured), Leland Parks, 17 (injured), Andrew Grub, 17 (injured), Keith Ellis, 18 (injured), Tim Ridpath, 18 (injured)	West Winds Motel		1	5	1 deceased 5 injured	heating stove	room	victim was among 5 other teenagers who were staying at motel for skiing holiday; they all began experiencing nausea and headaches during first night's stay (Monday), completely slept thru next day (Tuesday), Wednesday 3 of them went out to get fresh air and something to eat and when they returned were unable to rouse victim, unable to locate manager so drove hospital to notify ambulance and police
TX	Brownsville	12/31/70	Felix Valadez, 23 (deceased) & fiancée Olga Perez, 20 (deceased)	Jayhawk Motel		2			heater	room	victims discovered deceased in room by motel owner - they had checked in at 12:30am and at 6pm owner went to room to inquire if they would be spending a second night
OK	Hammon	1/14/71	Mr. (deceased) & Mrs. (deceased) W.W. "Buck" Snow (wife's name not listed; "both about 55")			2			wall heater	room	checked into hotel two days before being found deceased in room, along with their dog, by motel owners; woman's body found in bed, man on floor
IN	East Chicago	1/20/71	Ida Mae Watt, 11 (deceased) & mother Gloria Jean Cottrell, 33 (injured); George Stinnet (deceased), Gene Allen, 50 (deceased), Eli Wilkins, 30 (deceased)	Stevens Hotel		4	9	1 deceased	furnace	basement	police called to hotel by hotel maintenance worker at 3:15am, surviving guests discovered "in various stages of unconsciousness"; police smashed windows to let in fresh air; two-foot section of "rotted" furnace flue pipe separated from chimney was discovered on basement floor; per subsequent investigation and coroner's inquest, after hotel manager was taken to hospital for what was initially thought to be a heart attack around 9:30pm, then a second employee became ill with same symptoms a few hours later, the owner checked on the furnace - he then called furnace repairman at 2am to report flue pipe had fallen off and was instructed to shut off furnace and open basement windows; police testified furnace was running when they arrived and one basement window was open; hotel had been listed for sale two weeks prior; boiler had never been inspected according to Indianapolis city records
CA	Pacifica	1/22/71	Constance Joy Salciccia, 39 (deceased), Lawrence Owen Withey, 38 (deceased)	Rockaway Beach Motel		2			heater	room	victims discovered deceased in room by maid; woman's body found on bed, man on floor
IN	Portage	1/27/71	Charles F. Sproul, 35 (deceased), and Patty Lee Young, 31 (deceased)	Gary Motel		2					victims discovered deceased in room by police when motel manager could not rouse them, cause attributed to a "faulty gas pipe"

CO	Colorado Springs	3/21/71	Mark A. Taylor, 17 (injured), Michael R. Todd, 17 (injured)	El Rancho Motel			2	2 injured	x			
NY	Watertown	4/18/71	Viki Jane Reed, 7 (deceased) & sister Tina Reed, 5 (injured); Mrs. Robert Barker (injured - first name and age not listed) & children Terry L. Barker, 13 (deceased), Tammy Barker, 8 (injured)	Hillside Motel			2	3	2 deceased 2 injured		adult victim and her husband listed as owners of motel and were caring for a friend's children who were the additional victims in the room; investigators determined "fumes escaped from a vent pipe that had broken apart"	
FL	Pensacola	11/24/71	Ruth Struzulla, 53 (deceased), Ervin Barker, 53 (deceased)	Floridian Motel			2			heater	room	victims discovered deceased in room by motel employee
SD	Ipswich	1/25/72	Judith Huber, 23 (deceased) & Bernie Jahnig, 25 (deceased)	Ipswich Motel			2			blocked chimney		possible clogging of heating unit chimney by ice
WY	Jackson	3/29/72	William Palmer, 18 (deceased), Richard Kroiss, 18 (deceased), Dennis O'Connell, 16 (injured)	Sagebrush Motel			2	1	2 deceased 1 injured	heater	room	victims discovered by motel owner after checking on them when they hadn't been seen for two days - two were deceased on beds and third was lying semi-conscious on floor; according to fire marshall in charge of investigation, "the exhaust from the gas space heater did not terminate on the exterior of the building...fumes from the heater vented into the attic above the room" "as submitted in the building plan, the whole motel unit was to have used hot water heat. At some point, however, gas space heaters were installed in the three upper rooms when it was determined that hot water would not heat the rooms sufficiently"
TX	Odessa	12/8/72	Randall Earl Hoover, 34 (deceased)	Sunset Motel			1			heater	room	victim found by hotel maid when she went to clean room; "open gas heater was located near the bed"
NV	Reno	2/6/73		Riverside Hotel				16		boiler		guests ill, casino dealers started collapsing around 10pm - fire dept called, evacuated hotel; policeman found unconscious on 2nd floor while helping w/evacuation; investigators discovered "leak in boiler room, filtering unnoticed into the casino and parts of the hotel"
AZ	Flagstaff	2/13/73	Clarence C. Bowen, 22, (deceased), David S. Buchanan, 21 (deceased)	Skyline Motel			2			wall heater	room	victims discovered by maid
IL	Springfield	5/30/73		St. Nicholas Hotel				37		furnace	basement	"a fan in the hotel boiler room ceased functioning" allowing carbon monoxide to seep into banquet room which was being used for a conference; among those injured were three policeman who were helping to evacuate the banquet room
KY	Corbin	5/31/73	Bertrand Devaux 22 (deceased), Richard Porch, 31 (injured), William Yule, 61 (injured) & wife, 51 (injured - name not listed), John Cozine, 50 (injured), Julian Hexter, 50 (injured), Gret Witters, 25 (injured)	Howard Johnson	Y		1	6		pool heater		victim found dead in room 201; ambulance called at 1am for another guest who was treated and released and returned to room; other ambulances were called for other guests and at 5:45am police were called to hotel to investigate - deceased victim found while police were evacuating hotel; CO level measured at 270 ppm in room, high levels found in other second floor rooms; "gas originated from pump room where the count was 1000ppm. From here, it filtered into the ventilating system and into the rooms"; State Board of Health report stated possible source to be an improperly vented heater used to heat the swimming pool; a guest staying in room 201 the night before was ill and taken by ambulance to the hospital but treated and released after 30 minutes - returned to the room and passed out again, had planned to stay a second night but decided to go home
AR	Hampton	12/8/73	Ione Schadey, 51 (deceased) & husband Clarence M. Schadey, 65 (injured)	Word's Motel			1	1		heater	room	victims discovered by hotel owner when they failed to check out
IL	Chicago	12/10/73	Anthony Johnson, 60, Edward Schwartz, 70, Lee Hoagland, 52, S. Davidson, 50 (all deceased)	Hartman Hotel			4	10		water heater		victims found in rooms on the second and third floors; gas furnace and water heater vented into common chimney which had become blocked and caused fumes to fill building
FL	Tampa	12/24/73	Yvonne Ragsdale, 16 (deceased), John D. Tyler, 25 (deceased), Robert D. Kledhaus, 24 (deceased)	E and L Motel			3			heater or stove	room	victims discovered deceased in room by manager, investigators estimated they had been dead for 24-48 hours
CA	Trinidad	2/22/74	Jeffrey Allen Carnahan, 18 (deceased)	Decker's Fireside Lodge			1		1 deceased	heater	room	victim discovered deceased in room by a friend and the owner of the motel; investigation showed cause to be an improperly installed and improperly calibrated propane gas heater; following a coroner's inquest the victims parents were quoted "We just wanted the public to know about this. A student comes up here and has a right to turn the heater on in his room and have it be safe. We just wanted people to know what was going on so Jeff won't have died in vain."
IA	Okoboji	5/22/74	Walker A. Johnston, 78 (deceased) & wife Neva Johnston, 76 (deceased)	Lakeshore Motel			2				room	victims discovered deceased in room by hotel owner who had not seen them since the prior day; room contained a gas range, gas space heater and a gas refrigerator (confirmed source of CO not listed); the couple's dog was found alive in the room but "very sick"
NY	South Cairo	11/22/74	William Cassell, 20, Robert Gagbeille, 27, Martha Nally, 18 (all deceased)	Greystone Motel			3		1 deceased	space heater		victims discovered deceased by motel owner when they failed to check out; police investigation discovered malfunction of space heater provided by motel
NM	Cloudcroft	1/4/75	Pauline Frazier, 26 (deceased) & husband Donald Frazier (injured) & son Rickie Frazier, 2 (injured)	Spruce Cabins			1	2	1 injured	heater	room	victims checked into motel late in the afternoon and at approximately 8pm the husband went to motel office to ask if there was a doctor because wife was ill - hotel staff advised him to take her to the emergency room; at 11:20am the following morning the manager went to room because they had not checked out, husband collapsed after answering door; wife deceased on bed; two other couples had reported being ill in the room prior to family checking in
AR	Calico Rock	2/8/75	Sharon Hansard Tyrer, 21 (deceased), Annetta Reddman, 26 (injured)				1	1		heater		victims discovered by motel manager after housekeepers got no answer to knock at door
IL	Decatur	11/13/75	Debra Kidd, 22 (deceased)	Decatur Hotel			1					death originally investigated by police as an overdose, investigation re-opened when autopsy report did not agree with police investigation; subsequent investigation found a "faulty flue" - hotel had repaired the flue 3 days after the woman's death
TX	Del Rio	11/14/76	Willie Lee Isaac, 22 (deceased)	Palm Courts Motel			1					victim discovered deceased on floor of room; investigating officers reported "the victim's room was filled with soot halfway up the walls."
TX	Harlingen	1/31/77	Michael Wysong, 40 (injured)	Little Creek Hotel				1		heater	room	victim found by hotel maid 17 hours after checking in; transported to hospital in comatose state where doctors diagnosed CO poisoning
NM	Espanola	3/29/77	Peter Begay, 59 (deceased)	Livingston Hotel			1			space heater	room	victim found dead in room the morning after checking in; death caused by CO leaking from disconnected exhaust vent attached to gas space heater in room

FL	Miami Beach	5/24/77		Montmartre Hotel																CO possibly entered air conditioning system from chimney of adjacent hotel
NV	Las Vegas	7/15/77	Frank Gulla, 55 (deceased)	Landmark Hotel-Casino						1		138						auxiliary power generator	basement	auxiliary power generator turned on which produced CO and carried it throughout 31 stories of hotel via air conditioning vents; auxiliary generator came on when "a leaky pipe poured two feet of water into a sub-basement, drowning out an electrical control panel and knocking out the regular power supply"; many of the hotel guests were attending a Disabled American Veterans convention; evacuation slow due to only one elevator was operating
KY	Lebanon	10/20/77	James Robert Smith, 42, & wife Pauline Jeffers Smith, 28 (both deceased)	Holly Hill Motel						2								gas stove	room	couple had moved one week earlier from Texas and had no permanent address - last seen 4 days earlier; fire marshal found ventilation problems in the gas heating stove in the room
IA	Clive	2/21/78	Helen Owens, 52, Marlene Debruyn, Mary Lance, 50, Steve Fuller, 28, Ruth Medici, 47, Kay Laverty, 35, John Llewellyn, 40 (all injured)	Sheraton			Y					8						furnace		victims were attending meeting in large first floor conference room of hotel, sick and some semi-conscious when fire dept arrived; high levels of carbon monoxide found; fire dept discovered malfunctioning furnace
MO	Springfield	5/28/78	Milan L., 44 (deceased) & wife Florence Lincoln, 44 (injured); Ben Yates, 88 (deceased - father of Florence Lincoln)	Ship and Anchor Motel						2		16						water heater		Police notified by hospital that two guests of motel had been admitted with symptoms of CO poisoning, hotel was then evacuated; 88 y/o man and his son-in-law found deceased; CO traveled thru ducts of hotel from broken/disconnected pipe; lawsuit subsequently filed alleging plumbing company installed water heater incorrectly, city did not inspect the unit, and owners of hotel did not make sure the water heater was working properly
CO	Estes Park	5/28/78	Margaret Arnot, 27 (injured), Ester Maria Montoya, 36 (injured)									2						charcoal grill	room	victims built charcoal fire in room to cook hamburgers, then put grill in bathroom to burn out overnight - CO seeped under door; hotel staff alerted when one of the victims called for help after discovering her friend unconscious
SD	Rapid City	7/22/78	Frank McCune (injured) & wife Judith (injured) & 5 kids ages 8-15 (all injured)	Sands Motel								7						water heater	directly below victims' room	Victims all woke up ill in the morning feeling groggy and nauseated, Fire Dept was called to investigate; Fire Marshal said "a defective ventilator to hot water heaters combined with poor ventilation in the boiler room and ceiling penetrations cause the fumes to back up and enter the bedroom above."
FL	Lakeland	1/13/79	Henry Hoagland (deceased)	Cozy Court Motel						1										victim found dead in room by hotel manager when no response to multiple phone calls
WI	Mauston	1/16/79	Susan Gilbert, 19 (deceased), Julianne Larsen, 20 (injured), Nina Hansohn, 20 (injured)	Towne Inn Motel						1		2						space heater	room	victims found unconscious in their room by police officer looking to notify them that their car was illegally parked; "space heater's intake and exhaust were clogged with ice formations which resulted in carbon monoxide flowing into the room. This also resulted in part from the eroded condition of metal sleeves through which carbon monoxide was discharged outside. The eroded sleeves permitted the carbon monoxide to escape through the concrete block walls to the ceiling and back into the room."
AZ	Tucson	1/27/79	24-year-old man (deceased)	Close-Inn Motel						1								heater		Fire dept investigation found high concentration of CO in victim's room as well as multiple gas leaks in the heating system; owner quoted as saying he will have to tear hotel down because he cannot afford to make the necessary repairs to the pipes; many of motel's residents were long term tenants
AZ	Tucson	2/5/79		Paradise Inn Motel																gas company shut off gas service to hotel "because of numerous gas leaks" found by the fire dept during an inspection ordered by city manager following death of man at nearby hotel (see case above #1979-0205AZ); most of the guests are long term residents
AZ	Tucson	2/8/79		Copper Court Motel																gas company shut off gas service to hotel "because of numerous gas leaks" found by the fire dept during an inspection ordered by city manager following death of man at nearby hotel (see case above #1979-0205AZ)
TX	Fort Stockton	11/3/79	Johnny Ramos, 28 (deceased)							1								heater	room	victim discovered deceased in bed by maid - she had opened the door the two previous days and saw the man's body in bed but thought he was sleeping
TX	Odessa	1/12/80	Joseph Earl Wynne, Jr., 28 (deceased)							1								wall heater	room	obituary notice: "Wynne was found dead late Saturday morning in a hotel room in West Odessa. The man died from carbon monoxide poisoning caused by a gas wall heater, according to an autopsy report..."
IL	DeKalb	11/28/80	Michael McGrath, 28 (deceased)	Rice Hotel						1								water heater	basement	CO leaked into victim's room 2 floors above basement; found 9 days after he checked in; no CO found when body was discovered but pink discoloration of hands prompted blood test which confirmed CO poisoning; "The date of death was probably Nov. 20...because McGrath checked into the hotel on the 19th, and Northern Illinois gas shut off the gas to the building Nov. 21 when hotel manager Jay Findley reported a gas leak."
TX	Odessa	12/12/80	Richard Wayne Fletcher, 23 & Patti Marie Breckenridge (both deceased)	Traveler's Lodge						2								wall heater	room	victim's employer called manager of hotel when victim failed to show up to work or answer phone, manager subsequently discovered both victims dead in bed
MA	Newton	1/22/81		Holiday Inn			Y					24						water heater		"Boston Gas Co. officials suspect the poisonous fumes escaped from an improperly installed flue on a hot water heater." approximately 100 people were evacuated from the affected meeting room
AL	Montgomery	3/5/81	Alonzo Bradford, 1 (deceased) & mother Mary Bradford, 18 (injured), Robert Lee Moore, 34 (injured - companion of Mary Bradford)	St. Francis Hotel Courts						1		2		1 deceased 1 injured				heater	room	Family found by hotel maid; little boy found on floor, his mother on bed, man on bathroom floor
OH	Brook Park	6/18/81	Robert Weaver, 29 (deceased)	Sheraton Airport Hotel			Y			1								pool heater		victim discovered by maid, "the heater for the swimming pool, the previous year when they closed it up for the winter, someone put a piece of plywood there, and all the fumes came up into his room"
FL	Bradenton	7/22/81	Ronnie Cornelius, 33 (injured) & wife Connie Cornelius, 28 (injured) & sons Eddie, 3 (injured) and Daniel, 9 (injured), & neice Celeste Jokins, 11 (injured)	Holiday Inn			Y					5		3 injured				charcoal grill	room	Family found unconscious in room by police who came to hotel after hotel clerk reported room was paid for using a stolen check connected to a purse-snatching incident a week earlier; father found sprawled on bed and rest of family on floor of room; parents were later charged with lighting fire in the grill in an attempt to themselves and the children.
SC	Orangeburg	1/1/82	Willie Harvey Brown III, 22 (deceased)	Carolina Wren Motel						1										Victim found deceased in room

TX	Odessa	5/30/82	Bernice Connery, 27 (deceased), Wayne Howard, 22 (injured), Danny Helms, 16 (injured), Ona Cargal, 16 (injured); also injured (no ages listed) were Leaetta Lawson & child Jarret Vaden, Sandra Thompson, Shirley Miller, Jerry Yoesting, Randal Crabtree (child), Joey Carlson, Billy Brannum (child), Gigi Dougan, Danny Helms (child)	Imperial Motel		1	13	6 injured	water heater		Victims Connery and Howard treated for what was thought to be food poisoning in emergency room on May 29; police responded to call on May 30 and found Connery dead and Howard unconscious - three hours later they received another call that three more guests were found unconscious and subsequently found 11 more victims in various rooms; CO came from "a hot water heater vent pipe placed against a grating and not extended to the outside of the building"; Fire Marshal reported that two water heaters were inspected the prior December and one of the two was listed as a fire hazard due to no venting but inspector did not notice that the other heater was vented improperly; when the inspector returned on May 26 owners reported the heater with no ventilation was not in use - however, the heater with the faulty ventilation continued to operate due to the oversight; during investigation following the death city officials discovered the heater with the faulty ventilation was installed without a permit and had never been inspected; following incident, fire inspectors made plan to check every motel in Odessa
FL	Lakeland	12/21/82	Freddie S. Jones, 21 (deceased), Patricia Cromartie, 25 (injured)	Cozy Corner Motel		1	1		heater	room	Victims discovered in room by motel manager, man was on bed and woman on floor; investigators found vent pipe disconnected from heater and theorized it had been that way for some time as there was staining on the curtain behind it
IA	Tipton	12/30/82	Lanny Machovec, 34 (deceased), Bonnie Nielsen (injured)	Best Western Liberty Inn Motel	Y	1	1		fumes from smoldering insulation	adjoining room	Injured victim was in room below deceased victim's room; carbon monoxide came from smoldering insulation in ceiling of an adjoining room - resulting from short in heating system caused by leaky roof
TX	Del Rio	12/30/83	Orlando Gonzalez, 23 (deceased), Lydia Patino Cardona, 35 (deceased)	Palm Courts Motel		2			space heater	room	Fire marshal found illegal space heater in victim's room and another room
PA	Edinboro	1/30/84		Holiday Inn	Y		27	25 injured			most of the victims were high school students attending a DECA convention; CO was found in rooms in a second floor wing of hotel; inspector with gas company theorized there was either a hole in the ventilation system or "the system wasn't ventilating high enough in the air"
CA	San Jose	2/3/84	Bae Seugn Hoon, 37 (deceased), Chea Song Pak, 37 (injured)	Wagon Wheel Motel		1			heater	room	victims discovered when they failed to check out of room; authorities thought they were suffering from food poisoning - cause/reason for death not discovered until another fatality in same room two days later - see case #1984-0205CA listed below
CA	San Jose	2/5/84	Dave Swafford, 30 (deceased)	Wagon Wheel Motel		1			heater	room	Victim discovered deceased in same room as another guest found two days prior - see case #1984-0203CA above; CO measured at 100ppm in room; another room in hotel found to have faulty heater precise problem not yet determined but thought to be faulty flues or vents
AZ	Tucson	2/10/84	Debora Deluca, 26 (deceased), & daughter Jolene Deluca, 4 (injured), Bernard Franklin Winnie, 46 (injured)	Pine Wood Motel		1	2	1 injured	heater	room	friends alerted hotel staff when the three failed to answer door; found mother deceased and her child and boyfriend semi-conscious; gas company found CO leaking from improperly vented gas heater
CA	Hollywood	7/12/84		Ramada Inn	Y		30				hotel evacuated; CO dispersed throughout hotel thru air conditioning vents; 16 guests hospitalized; CO levels at 200ppm
NM	Albuquerque	12/22/84	Don T. Wilson, 31 (deceased)	Nob Hill Motel		1			heater		subsequent lawsuit filed on behalf of victim alleged that boiler service owner failed to properly install and provide ventilation for a space heater as well as failed to inform the motel that he was not qualified nor licensed to install the heater
NC	Winston-Salem	1/16/85		Ramada Inn	Y		30				motel employees and some guests began losing consciousness in area around the kitchen; injured included 13 firefighters and police who rushed in to help; guests were evacuated to an emergency shelter; a private engineering firm hired by the hotel "attempted to find a source for the carbon monoxide, which was found in heavy concentrations in some of the 30 people taken to hospitals. They theorized that carbon monoxide produced by the hotel furnace or by traffic on US 52 and nearby businesses became trapped near the ground and in the hotel lobby because of temperature differences between the ground and the layers of air above it. The carbon monoxide could then have been channeled into the hotel's ventilation system."
MA	Boston	2/22/85		Howard Johnson	Y		55		water heater	6th floor	"malfunction in the boiler allowed fumes to seep into sixth floor conference rooms"; 23-story hotel; hotel evacuated after guests began passing out from fumes; complaints from guests and meeting attendees that there was no evacuation plan and they were not informed of the reason for the evacuation; approx 350 people attending a lawyers convention, one of the attorneys said the group had been discussing insurance coverage dealing with toxic materials
NC	Statesville	3/12/85	Emma Mae Lindsay (deceased), James Lindsay III (injured)	US 21 Motel		1	1		heater		
NV	Las Vegas	7/5/85	Booker Anderson, 45 (deceased), Robert Shoemaker (deceased)	Crest Motel		2	4		water heater		CO spread to one wing of the hotel; victims were found in adjoining rooms; fire chief said "it appeared that the carbon monoxide had been building up for three or four days"; "City building inspectors said the water heater, which was installed without a permit since the motel was last inspected in April 1984, was larger than the unit it replaced and because of that was not properly vented"; "A couple staying at the the motel said they were moved from room 137, where one of the dead people was found, two days earlier after becoming sick"
TX	Amarillo	10/5/85	Cornelius Hatten Jr., 24 (deceased), Tommy P. Barker (deceased)	The Sands Motel		2	12		generator		victims discovered when they failed to show up for work; employees said generator was being used after utility company cut off electricity to the motel due to unpaid bills; CO fumes from generator spread to other rooms; city inspectors condemned and closed motel after deaths
KS	Lenexa	12/6/85					11				hotel evacuated after CO fumes spread to north wing of motel

WY	Jackson Hole	8/2/01	David, 51 (deceased) & Joette Williams, 50 (injured)	Snake River Lodge & Spa					1			boiler	below victims' room	friends discovered both victims unconscious in their room in the morning, man died later same day at the hospital, woman flown to Pocatello, ID for treatment in hyperbaric chamber; victims had been taken to emergency room from hotel the day before with symptoms including nausea and diarrhea, treated for dehydration and then discharged, returned to hotel room; subsequent investigation found room CO levels at 770 ppm, "gases from the first-floor laundry room, which housed some of the hotel's dryers, water heaters and boiler units, were released through a vent...lint from the laundry room was plastered to air conditioning units in several rooms...room's air conditioning unit, which operated by sucking air in and cooling it, likely pulled in carbon monoxide gas after it was emitted from the laundry room"; a safety switch on a water boiler had been disabled - the switch which was to shut boiler off "if proper combustion did not occur" - switch disabled because it interfered with hot water production at the hotel; reports of both guests and employees suffering from similar symptoms prior to victims checking in; hotel installed CO detectors following incident
NM	Moriarty	11/18/01		Lariat Motel					1	1			room	2 guests found by motel workers - 1 deceased and 1 unconscious in their room
MA	Palmer	?/?/2001		Kings Inn										*listed on Dr. Weaver's spreadsheet, source listed as Union-News Springfield - unable to find information online
CA	Ventura	?/?/2001		Mission Bell Motel										*listed on Dr. Weaver's spreadsheet, source listed as Ventura County Starr - unable to find information online
MI	Sturgis	3/10/02		Christmere House Inn						11		boiler		two guests went to hospital after passing out, hospital notified fire dept who found eight more victims, some unconscious
NM	Carlsbad	7/6/02		Park View Motel						2				two victims were women found unconscious in room - names not listed and unable to find further information about source of CO
WI	Chetek	8/21/02	Frank, 81 & Catherine, 85 Hekenberger (both deceased)	Northland Resort					2			furnace		couple had stayed at resort many times previously; owner found body of husband in the kitchen/living area; fire dept reported CO levels at 248 ppm and corroded furnace vent pipe, clogged chimney
NY	Albany			Holiday Inn										*listed on Dr. Weaver's spreadsheet, source listed as Times Union - unable to find further information online
AZ	Flagstaff	1/8/03	Jack Foster, 31 & Jeanette Laurer, 25 (injured) - she was 8 1/2 months pregnant and delivered stillborn baby after being transported to hospital	Paradise Motel					1	2	1 deceased	wall heater	room	hotel owner knew the heater was broken and gave the couple an electric heater to use - husband thought he fixed the heater so turned it on; stillborn's death determined to be from CO poisoning
KS	Salina	9/16/03	Rivers family: Roslyn, 36, Robert 41, Adam, 10 and Alexis, 9 (all injured)	Holiday Inn Express		Y				4	2 injured	pool heater		Family had been in pool for 15 minutes and all began feeling ill - all got out, boy passed out and fell in pool, father collapsed; fire dept responded and found CO levels of 1600ppm in pool room and faulty vent for pool heater; hotel installed CO alarms following incident
MA	Danvers	9/17/03		Sheraton Ferncroft Hotel & Resort		Y				4		pool heater		4 victims were maintenance employees of hotel - 2 were found unconscious on the floor of the boiler room when they had been out of contact for an unusual amount of time; hotel evacuated, corridor outside of boiler room measured CO levels at 900 ppm, failure of pool heater vent system
MO	St. Louis	12/18/03		Chase Hotel						2		water heater	basement	fire dept called when 2 laundry room workers became ill; found elevated levels of CO in basement and evacuated guests
OH	Sandusky	?/?/2004		Rodeway Inn		Y								*listed on Dr. Weaver's spreadsheet, source listed as Blade (Toledo) - unable to find information online
VA	Richmond	?/?/2004		Amerisuites		Y								*listed on Dr. Weaver's spreadsheet, source listed as Richmond Times-Dispatch - unable to find information online
NH	Lincoln	?/?/2004		Indian Head Resort										*listed Dr. Weaver's spreadsheet, source listed as Union Leader - unable to find information online
WY	Jackson	1/17/04	Matt Shea, Kale Paulson, Brad Kastelitz (all injured)	49'er Inn and Suites								boiler	below victims' rooms	three guests called front desk reporting rapid heart rate, dizziness and lightheadedness - hotel called 911; "Firefighters determined that the gas escaped from a broken connection in two pipes leading from the motel's boiler beneath the rooms where the victims were staying" - theorized that pipe may have been broken due to a 5.0 magnitude earthquake that hit area on January 7; Fire Dept measured CO levels at 300ppm in victims' room who had the most exposure - those victims were flown by helicopter to hospital in Pocatello, ID for treatment in a hyperbaric chamber; hotel installed CO detectors in "all areas of combustion" following incident
IN	Indianapolis	6/9/04	Robert Perreault (injured), Raymond Williams (injured)	Amerisuites		Y				2				Westlaw Perrault v. Prime Hospitality Group 2006
NJ	Newark	7/7/04		Best Western Newark Airport West		Y				15		transformer fire	in a small bldg about 6 ft from main hotel bldg as well as walls between rooms	hotel employees called 911 when guests complained of feeling faint - "shortly before the clatter of in-room carbon monoxide alarms signaled that something was wrong"; high levels of CO in upper floors; firefighters unable to find source, called HazMat team who found "elevated carbon monoxide levels from the vaporizing of PCB-laden insulation on the transformer's wires"; transformer located in a separate building - fumes spread thru hotel ventilation system, "more fumes were created when other electrical wires sizzled inside walls between the rooms"; six story hotel; hotel windows don't open so difficulty clearing building of CO
SD	Yankton	12/23/04	Eleshia Zahrbock, Peyton Gerry, Justin Zahrbock, Jonette Anson	Star Brite Inn Motel						4	1 injured	furnace		man, woman and 5 y/o child experiencing headaches and nausea; unconscious woman found in another room; "exposure was caused by a furnace drawing exhaust fumes back into the building. Carbon monoxide levels in parts of the motel were eight times the acceptable level"
NE	Lincoln	12/30/04		Holiday Inn Express		Y				6		pool heater		10 y/o girls sick at pool party in afternoon, taken to hospital; hotel evacuated; prior incident on 12/25 family of 4 sick in pool area with vomiting and headaches, complained to hotel staff and were told "their sickness likely was caused by going between the hot tub and the swimming pool"; following incident hotel installed CO detectors in the pool area
LA	Baton Rouge	?/?/2004		TownePlace Suites										*listed on Dr. Weaver's spreadsheet, source listed as Advocate - unable to find information online
NH	Lincoln	?/?/2004		River Green Inn										*listed on Dr. Weaver's spreadsheet, source listed as Union Leader - unable to find information online
TX	Waco	?/?/2004		Economy Motel										*listed on Dr. Weaver's spreadsheet, source listed as Waco Tribune-Herald - unable to find information online
NM	Ruidoso Downs	07/?/2005	Booth family: Blayne & Lori, Alexandra, 5, and Jacob, 18 months (all injured)	AmerHost Inn & Suites						4	2 injured	pool heater		CO leaked "from a poorly constructed or repaired exhaust venting system related to the Motel's pool heating equipment"
MT	Red Lodge	11/12/05	Michael & Jennifer Butler (8 months pregnant - both injured)	Rock Creek Resort						42		2 boilers	basement	200 guests attending a Marine Corps banquet, sick throughout day, 42 required transport to hospitals - 14 of them had to be flown to Billings for treatment

NJ	Clinton Town	12/16/05		Holiday Inn	Y		14		generator	lower level	CO alarms went off in 2 guest rooms, 1 of which was occupied; "Members of the Clinton fire and police departments were the first to respond. At about 1am the Clinton Fire Department asked for assistance because of the high carbon monoxide readings. 'They conducted the necessary evacuation and it went great,' said Sacco (hotel manager). 'They helped provide optimal safety for the guests. It was very orderly.' Hotel operations returned to normal about three hours later, Sacco said. Also responding to the scene were the Hunterdon County Office of Emergency Management and 16 area emergency services units. The county Office of Emergency Management sent its mobile command unit and set up a command center in a parking lot near the main lobby of the hotel, said Frank Veneziala, county EMS deputy coordinator. Members of the Clinton and Quakertown fire departments checked each of the hotel's rooms with monitoring equipment...The Quakertown Fire Dept brought a large ventilator system that removed much of the carbon monoxide...by the time the Clinton squad arrived, Clinton Fire Chief Tim Langston was already checking rooms throughout the hotel...members of the Clinton Rescue Squad screened 115 people in one of the hotel's ballrooms...because of the large number of ambulances responding, a staging area was set up for incoming ambulances at the Commerce Bank parking lot. 'We treated everyone from young to old, anyone on the floors of the affected areas,' said Chad Newsome of the Clinton Rescue Squad. 'The evacuation went well, the county got the command center set up quickly. We were very lucky. It could have been a lot worse.'
IA	Des Moines	2/13/06		Sheraton Hotel	Y		5				injured were all employees of hotel
FL	Daytona Beach	3/12/06		Plaza Ocean Club Hotel			7				two guests taken to the hospital and diagnosed with CO poisoning; firefighters found elevated levels of CO on top two floors of the 11-story building; victims included two hotel employees; source determined to be a "leaky chimney pipe"
IN	Mishawaka	4/8/06		Country Inn & Suites	Y		22	20 injured			Hotel manager called 911 when two children collapsed in the dining room; Fire Dept responded and found CO levels measuring 450ppm in pool room next to dining area; most of the injured were children ages 4-14 y/o; hotel was evacuated and closed until source of leak could be found - <i>unable to find further information</i>
NV	Yerington	4/16/06	Phillip Doll, 26, Donna Vega-Robles, 30, Juan Pablo Chavez, 27, Veronica Espinoza Chavez, 20 (all deceased)	Casino West Motel			4		pool heater	below victims' room	victims were discovered after hotel maintenance worker answered complaint of water leaking into room below - went upstairs and found a female victim in bathtub with water running and male victim against bathroom door; "a series of problems led to the CO exposure"; "The heater used to warm the motel pool was not burning properly, a roof vent was not the proper height and the cap on the vent had been removed, the vents in the door to the pool equipment room had been covered with cardboard and sealed with duct tape, and the control panel had been altered such that there was no reasonable way to shut the heating unit off without disarming the power."
MD	Ocean City	6/27/06	Patrick Boughter, 40 (deceased) & wife Yvonne Boughter, 36 (injured) & daughters Kelley Boughter, 10 (deceased) and Morgan Boughter, 7 (injured)	Days Inn	Y		2	1 deceased 1 injured	water heater	basement - directly below victims' room	Multiple calls to 911 from victim Yvonne Boughter who reported she and her family were ill and confused, and from additional victims in neighboring two rooms - miscommunication between responders and dispatchers resulted in medics responding to other two rooms and not the Boughter's. In addition, assumption was made that victims were suffering from food poisoning. Medics finally responded to Boughters' room 4 hours later when Yvonne came to and called 911 again, at which time both her husband and her older daughter were deceased; exhaust pipe leading from hot water heater to a vent to the outside became dislodged allowing CO to seep into 1st floor hotel rooms; boiler inspector found run of vent pipe was "way too long...which could have contributed to pipe supports collapsing and the pipe detaching"; water heater listed by manufacturer for residential use only and was not to be used in basements or under floor spaces
WA	Fife	7/23/06		Emerald Queen Hotel & Casino			2				CO detected on third floor of hotel; fire dept contacted when hotel workers smelled a "chemical" odor coming from a storage room; evacuated third and fourth floors
VA	Falmouth	7/27/06		Wingate Inn			7		boiler		911 received hang-up call from hotel, when dispatcher called front desk back hotel clerk said guests were complaining of dizziness and lightheadedness; rescue workers evacuated hotel; CO levels at 265 ppm; highest concentrations of CO found in rooms above boiler
FL	Miami Beach	10/22/06		Hilton	Y		2				fire dept called when 2 guests began feeling ill; several guests tested positive for CO; building shut down for at least 3 days - <i>unable to find further information online</i>
FL	Key West	12/21/06		Doubletree Grand Key Resort	Y		2		boiler		victims diagnosed with CO poisoning at hospital - see case below #2006-1227FL
FL	Key West	12/27/06	Thomas Lueders, 26 (deceased) & father Richard Lueders, 53 (injured); David Smith (injured) & wife Jody Smith (injured) & son Nathan Smith (injured)	Doubletree Grand Key Resort	Y		1	7	boiler	adjacent to room of decedent	Hotel manager found victims unconscious in their room after a fire alarm went off, son was on bed and father was pronounced dead on arrival to hospital, Richard Lueders was flown to Ft Myers for treatment in hyperbaric chamber; six days before this incident, on 12/21, a family from Iowa staying on same floor called for an ambulance - presumed cause was food poisoning so no investigation - hospital diagnosed CO poisoning and later stated they "did notify the Doubletree hotel of the carbon monoxide exposure. Police rescue and fire personnel were also aware of the events."; Fire Chief said that family "rode in a boat and did other activities that could have exposed them to carbon monoxide before they fell ill."
PA	Upper Merion	9/3/07		MainStay Suites			4	3 injured	heater		3 children - ages 6, 5, and 3 - and a maintenance worker became dizzy in the pool area of the hotel, children were taken to emergency room where they were diagnosed with CO poisoning; diagnosing physician called the hotel to inform them to check for "carbon monoxide issues"; Fire Dept found high levels of CO in hotel and evacuated it; "found the heater was leaking gas" as well as a "faulty chimney"
CA	San Deigo	11/9/07		Marriott Residence Inn	Y		2		water heater		housekeeper discovered victims unconscious in their beds at 2pm - they were supposed to have checked out that morning; Fire Dept responded and evacuated building; "it appears that a water heater vent pipe had come loose and filled their room with carbon monoxide"
TX	Del Rio	1/5/08	Robert David Fry, 54 (deceased)	Cielito Lindo Motel			1				<i>no cause/source of CO leak listed in article - unable to find further information online</i>

PA	Allentown	1/18/08	Phillip Prechtel, 63 (deceased) & wife Katherine Prechtel, 63 (injured), Jason Hannah (injured)	Best Western Allentown Inn & Suites	Y	1	9	water heater	Basement - propane water heaters vented to outside, construction workers erected tent-like canopy over vent	guest called 911 was suffering "flu-type symptoms" and single ambulance responded; an hour and five minutes later 911 was called for two unconscious guests and "within 15 minutes a Level 1 Multi-Casualty Incident was declared to bring in additional ambulances"; hazmat team measured CO levels at 100ppm; CO determined to be coming from propane heaters venting to the outside properly, but their exhaust vents had been covered with a clear plastic tent to allow construction workers to repair stucco on the building's exterior; Fire Commissioner press conference: "Two police officers and three ambulance attendants who were first to arrive also were sickened...emergency personnel described a chaotic scene as they entered...while the fire alarm sounded and guests were evacuated, a woman lay on the floor of the lobby. Her skin was blue and she was barely breathing. She was being attended to by other hotel guests. The man she was staying with in Room 115 (her husband) was already dead. High levels of CO infiltrated the basement and first floor of the three-story hotel...there were no carbon monoxide detectors in the building"; following the incident, hotel installed CO alarms in all guest rooms; Martin Plastering was fined \$2300 by OSHA for failing to detect the CO venting out of the building and for not instructing employees in identifying CO hazards.	
KY	Jeffersontown	1/20/08		Comfort Suites	Y		17	water heater		guests complained of headaches, shortness of breath, nausea and vomiting; CO readings on second floor of hotel at 440+ ppm; water heater broken and serviced the day before the incident	
MD	Baltimore	2/2/08	Luis Portillo, Sascha Schwieman (both injured)	Pier 5 Hotel Inner Harbor			20	boiler	basement	employees began feeling ill and vomiting, called 911 - Fire Dept. responded and evacuated hotel restaurant and lobby; CO levels measure at 700ppm; victims were all employees of Ruth's Chris Steak House Restaurant which was housed in the hotel; subsequent investigation found CO leaking from crack in basement boiler	
TX	San Antonio	6/22/08		Hotel Mimosa Riverwalk			2			1 injured	hotel evacuated after a guest complained of nausea and a headache and CO leak was detected; a woman and her toddler were among the injured guests; <i>unable to find further information</i>
VA	Virginia Beach	7/6/08		Ocean Sands Hotel			8				Fire Dept responded after receiving calls of about guests suffering from nausea; "Crews discovered an electrical short in a spa motor had caused a ventilation fan to malfunction. The fan didn't push the carbon monoxide out of the equipment area."
NY	Sweden	9/13/08		Holiday Inn Express	Y		2	water heaters			hotel's manager pulled the fire alarm when she began to feel ill and thought she smelled gas; 73 guests evacuated; CO levels measured at 1400 ppm
NC	Huntersville	3/23/09		Country Inn & Suites	Y		2				teenagers became ill while playing in pool at a pool party
WI	Green Bay	5/7/09		Days Inn	Y		2	furnace			CO spread throughout ventilation system; officials detected levels of 800ppm on top floor; hotel windows do not open, difficult to ventilate building, leak traced to a crack in furnace
MD	Ocean City	6/11/09		El Capitan			6			2 injured	Fire Dept called when a family became ill - family included mother and father, two children and two grandparents; investigators detected levels of CO at more than 1000ppm, evacuated building and performed a door-to-door search on each of eight floors; hotel had no CO alarms and was subsequently fined \$2000 by the fire marshal's office due to being out of compliance with a 2007 local law that was passed requiring them in all hotels in Ocean City, law was enacted as a result of 2006 case - <i>see case #2006-0627MD</i>
MD	Ocean City	8/11/09		Americana Hotel			3				police received call about guests being ill in hotel, high levels of CO found throughout building, especially high in top three floors; police closed and evacuated hotel; hotel owner subsequently pled guilty to failure to provide CO detectors, which were required in all hotels by a 2007 law passed following the 2006 deaths of a father and daughter (<i>see case #2006-0627MD</i>); owner also agreed to donate \$10,000 to the Ocean City Fire Dept to help with its CO detector outreach program
MA	Boston	9/16/09		Liberty Hotel				boiler			CO alarms sounded and guests were evacuated
WV	Triadelphia	12/6/09	Christopher E. and Judith E. Groff, Ivan and Christine Liggett (injured)	Comfort Inn	Y		4	portable heaters used by construction workers			"construction workers employed retaining sheets and torpedo heaters to facilitate the work performed in the cold weather..." "caused buildup and release of carbon monoxide into guest rooms"
MI	Romulus	12/28/09		Best Western	Y		2				numerous guests ill - some passed out on hotel room floors, complained to staff. Fire Dept responded and evacuated hotel - <i>unable to find further information</i>
LA	New Orleans	1/18/10		Ritz-Carlton			2				"buildup of carbon monoxide on some of the guestroom floors, which resulted in the evacuation of hotel guests and the treatment of some guests at nearby hospitals"
TN	Chattanooga	2/14/10		Courtyard by Marriott	Y		4	undetermined - possible delivery truck left running			hotel evacuated after 4 employees fell ill in break room in basement complaining of nausea and dizziness; one of the victims was reportedly pregnant; CO may have entered hotel thru dryer vents from a delivery truck that had been left running a short distance away
NH	Portsmouth	2/15/10		Hilton Garden Inn	Y		12	boiler	basement	3+ injured	911 called after a worker who was found unresponsive in the basement laundry room; CO detected and hotel was evacuated; CO was measured at 600 ppm, upper floors 100 ppm; source determined to be "a malfunctioning vent in the building's heating system, located in the basement"; injured guests included "a number of children" who were in the pool; hotel installed plug-in CO detectors immediately following incident but were required to install a hard-wired system in order to comply with a new state law that mandates CO detectors in hotels
NV	Reno	3/21/10		Keno Motel			5	boiler	basement		"A metal exhaust flue that runs from the basement boiler and extends through the roof apparently was shaken loose by high winds"; CO measured at 240ppm; about 25 people live at the motel; fire dept called when several guests began feeling ill
NY	Melville	6/28/10	Steven Anderson (injured)	Melville Marriott	Y			water heater	below victim's room		water heater malfunctioned, high levels of CO found in rooms above - <i>unable to locate detailed information online other than lawsuit document</i>
IA	Mt. Vernon	11/11/10		Sleep Inn	Y		3	water heater			water heater exhaust pipe came loose and caused CO to escape into hotel
WV	Snowshoe	12/26/10		Snowshoe Mountain Resort			5	water heater	ground floor		Fire Dept responded to call for person with chest pain and found another person with similar symptoms - determined CO was present and evacuated building; victims were employees, 2 unresponsive when rescuers arrived - CO levels on ground floor measured 999 ppm as high as monitors would go

FL	Hialeah	12/27/10	Juchen C Marctial, 19, Peterson Nazon, 17, Jonas Antenor, 18, Jean Pierre Ferdinand, 16, Evans Charles, 19 (all deceased)	Hotel Presidente		5		3 deceased	car exhaust	parking garage below room	victims parked in the bottom-floor, single car garage and left car running due to low battery - the door to the interior stairway leading the room on the second floor was opened slightly, allowing the CO to seep upstairs; maid discovered the victims and called 911
CA	San Francisco	1/6/11		San Francisco Marriott Marquis	Y		6		water heater	restaurant next to hotel	victims were 4 guests staying in 4 separate rooms - in evening all complained of flu-like symptoms and contacted hotel doctor who recognized "there was a safety issue," hotel staff called Fire Dept who responded and found high levels of CO; two days before incident 2 separate ambulance calls had been placed for for sick guests in same rooms but connection to CO not made; investigation led to discovery of CO leaking from a water heater in a restaurant next to hotel and drawn into hotel's air intake system
ME	Portland	3/4/11		Residence Inn	Y		7				Fire Dept was notified when 2 guests went to hospital experiencing nausea and headaches, evacuated hotel; high levels of CO found in rooms and hallways, some 500ppm; Fire Chief said "... exhaust fumes from the heating system were sucked into the air intake system on the building's roof. The problem seems to have been caused by a combo temperature inversion and wind currents."
NY	West Seneca-Buffalo	3/12/11		Hampton Inn	Y		9		heater	roof	"Police responded to a call from the front desk manager at about 5:30am yesterday after two guests asked to be moved to a new room, the Buffalo News reports. The couple felt dizzy and faint and had told hotel workers they believed fumes in their room were responsible." High levels of CO found on five floors of hotel; police and fire conducted room-by-room evacuation
AR	Little Rock	6/9/11		Comfort Inn	Y		10	2 injured	pool heater		family of 4 (2 adults and 2 children) taken to hospital; fire dept found unsafe CO levels on all floors
OR	Agate Beach	6/19/11		Agate Beach Best Western	Y		3	1 injured	dryer	basement laundry room	2 employees ill in laundry room with upset stomach and dizziness, hotel called 911; Fire Dept responded with with 2 fire engines, 1 ladder truck, 1 heavy rescue vehicle and 17 firefighters; hotel evacuated and high levels of CO were detected in basement, upper floors 400-600ppm; 3 y/o girl transported to hospital
OK	Norman	7/25/11		Sooner Legends Inn & Suites			21		boiler		family staying at hotel took their 3 y/o to ER when he began having trouble walking and was acting intoxicated - nurse called alerted the fire dept that child may have inhaled some kind of gas; Fire Dept detected high levels of CO and evacuated building; CO found to be leaking from "a damaged ventilation pipe running from boiler to roof"; hotel owner said incident was a wake-up call and purchased CO detectors for entire building
PA	Allentown	8/20/11		Best Western Allentown Inn & Suites	Y				water heaters		2nd incident of CO at this hotel; power surge caused water heaters to malfunction leading to gas leak; CO alarms (installed after 2008 fatality) went off and all guests were evacuated safely w/o illness or injury
OH	Columbus	9/3/11		Comfort Inn & Suites	Y				water heater	mechanical room	Guest's portable CO alarm went off in room, registering levels of 20-25ppm; manager let him into an empty room which also displayed a high reading so called fire dept who discovered a malfunctioning water heater
CT	Danbury	11/25/11		Ethan Allen Hotel			2		boiler		employees smelled what they thought was a gas leak near the kitchen area and contacted authorities who told them to evacuate the building; Fire Dept arrived and found high CO levels; source of leak was an "improperly vented water boiler"
WI	Green Bay	12/30/11		Hilton Garden Inn	Y		16	2 injured	pool heater	mechanical room	911 called for 2 children who were sick in pool area; when rescuers arrived, more guests came forward complaining of similar symptoms; fire officials found CO levels at 800ppm near pool and 957ppm in equipment room along with high levels in a workout room, a stairway and several restrooms; WI law required CO detectors at this time -- possible issue of hotel not being in compliance
ND	Williston	1/29/12		Airport International Inn			12		boiler		guest collapsed in shower, phoned for help; ambulance arrived and called Fire Dept for assistance with hotel evacuation; CO leak "blamed on an object being blown over a boiler vent in the hotel's pool area"; CO alarms installed following incident
WV	South Charleston	1/31/12	William Moran, 44 (deceased), Isaac Croy, Emmett Williams, Craig Reed, Terry Harvey, Dale & Susan Rosenbrook, Bain Edmondson (all injured)	Holiday Inn Express	Y	1	16		pool heater		Victims Moran and Edmondson were discovered deceased and unconscious/seizing, respectively, in room 511 by two co-workers who had been let into room by hotel manager when they failed to show for a morning meeting - called 911; on arrival, Fire Dept rendered aid and with police questioned co-workers about victims' previous activities, transported surviving victim to hospital and immediately began testing for CO and got reading of 317 in room; evacuated and called for additional units to do room-to-room search; found heaviest CO concentration on 3rd-5th floors ranging from 200-750ppm; Fire Dept Investigation Summary 2/12/2012: "Upon completing interviews and a thorough investigation, it has been concluded that the vent flu pipe was physically manipulated at the top to be connected to the outside vent. This was likely done when the unit was originally installed approximately 11 years ago. The removal and inspection of the old pool heater unit started the process of the vent flu pipe coming loose. The installation of the new pool heater unit further compromised the pipe. There were scratches on the piping indicating that it had been moved along the hole between floors against the concrete. Through vibration of the water filtration system and the pool heater unit, the vent flu pipe became dislodged thus creating a buildup of carbon monoxide in the open shaft area. The heat from the pool heater traveled through the vent pipe forcing the carbon monoxide to travel to rooms on both sides of the shaft and into the elevator shaft. In room 511, the heater ac unit was set to fan only so the movement of air was limited to the room. After installation of the new pool heater, there were no procedures followed as recommended by the manufacturer of that particular unit. The unit was therefore not properly tested and inspected. There were no work permits obtained prior to or during any of the work performed. The City of South Charleston Building Inspectors and the South Charleston Fire Department had no knowledge that the work procedures had occurred therefore no inspections were made."
TX	Irving	3/19/12	Man, pregnant woman and their three children, ages 1, 8 and 10 (all injured)	Hyatt Place	Y		5	3 injured	boiler		family of five staying at hotel drove themselves to hospital due to headaches and nausea - staff at hospital diagnosed CO poisoning and contacted fire dept who responded and evacuated hotel after finding CO levels at "more than 100ppm"; multiple guests experiencing nausea, headaches and disorientation
MD	Elkridge	8/27/12		Holiday Inn Express	Y				heater		hotel evacuated after high levels of CO detected

CA	Burlingame	11/8/12	Robert McNamara, 58 (injured)	Embassy Suites Hotel	Y				boiler	below victim's room	when victim failed to show up for a meeting, co-workers discovered him unconscious in his room with blood and vomit coming from his nose and mouth and called 911; he was diagnosed with CO poisoning at the hospital several hours later and emergency responders returned and evacuated hotel; CO levels ranging from 20-90ppm on all floors - victim's room measured 990ppm; San Mateo County District Attorney's Office sued hotel alleging that "the hotel installed a boiler in a pool equipment room in 1998 without obtaining a permit from the city as a cost-saving measure. Over the next 14 years, the hotel did not properly maintain the equipment and it became clogged, holes opened in ventilation pipes and the room's configuration was changed, which prevented proper ventilation and caused a significant carbon monoxide leak." According to a news article, "A state law requiring carbon monoxide detectors in most multiunit dwellings in California went into effect Jan 1. It was also supposed to apply to hotels and motels, but California Hotel & Lodging Association obtained a three-year extension." State law requiring alarms in hotels and motels would not go into effect until 3 years later, 2016
KS	Greensburg	12/9/12		Best Western Plus Night Watchman Inn & Suites	Y		30	3+ injured	pool heater	mechanical room	desk clerk called 911 when group of children and adults attending party at hotel reported having severe headaches and nausea; hotel evacuated, high levels of CO found in lobby and pool area related to "a water heater failing to vent properly"
AR	Siloam Springs	1/21/13	James Fick (injured)	Hampton Inn	Y		5		pool heater		ambulance called for 54 y/o man experiencing rapid heart rate and dizziness, 2 hours later another ambulance call for a 54 y/o man experiencing similar symptoms - emt contacted gas company, responded with police and fire who evacuated hotel; found another guest unconscious in room; "portions of the pipes connected to the heater were rusted, eroded, and deteriorating"
VA	Virginia Beach	2/6/13		Homewood Suites	Y				heater	roof	several 911 calls placed reporting an "unusual odor of gas"; hotel was evacuated, firefighters measured levels of carbon monoxide on several floors of the hotel at 50ppm; "faulty" natural gas heater found on roof that supplied heat to common areas of hotel
KS	Merriam	2/24/13		Drury Inn	Y						hotel evacuated when CO detected - unable to find further information online
FL	Fort Myers	2/25/13		Crestwood Suites			2		boiler	boiler room	2 guests called EMS complaining of flu-like symptoms - firefighters noticed the guest room's proximity to the boiler room and checked CO levels - boiler room was 2000ppm, lobby 300ppm; cause determined to be a broken exhaust fan in boiler room; another guest staying in the room was hospitalized 4 days prior for similar symptoms "but no one made the connection to carbon monoxide exposure, and the guest was not tested."
KY	Lexington	3/6/13		Homewood Suites	Y						hotel manager called 911 after a "strange odor" was noted on upper floors; Fire Dept evacuated hotel after CO levels discovered to be "over 200ppm"; no information released on source of CO
VA	Norfolk	3/11/13		Tazewell Hotel & Suites					water heater	basement	Fire Dept called for possible gas leak, found high levels of CO in basement and lobby; hotel, kitchen, restaurant and bar were evacuated
TN	Chattanooga	3/19/13		Hixson Holiday Inn Express	Y		2		water heater	basement	2 housekeeping staff ill with nausea, dizziness and vomiting in basement laundry room, 911 called; Fire Dept evacuated building and checked CO levels
AL	Hoover	3/29/13		Renaissance Ross Bridge Golf and Resort			15	1 injured	pool heater	basement	family called 911 after unable to wake one of their family members - woman conscious when rescue workers arrived but rest of family, including at least one child, were all experiencing "flu-like" symptoms; firefighters found elevated CO levels in all rooms on 5th & 6th floors and ordered evacuation; reports of guests with similar symptoms earlier in the week, including a family who had checked out and returned home to Florida - Fire Dept contacted them so they could seek treatment; cause of leak found to be a "malfunction in a vent system" that vented the hotel's pool heater
NC	Boone	4/16/13	Daryl Jenkins, 73, (deceased) & wife Shirley Jenkins, 72 (deceased)	Best Western Blue Ridge Plaza	Y		2		pool heater	below victims' room	no media story until after death of another person in same room 5 weeks later (see case #2013-0608NC); victims discovered in their room by maid when they failed to show up to meet traveling companions for breakfast in lobby, man deceased in jacuzzi tub and woman unconscious on floor - declared dead on arrival to emergency room; pool heater broken/"serviced" 4 days prior to deaths (detail listed in subsequent case)
MN	International Falls	5/6/13		AmericInn	Y		1		pool heater		victim found unresponsive in room (138), fire chief discovered two ambulance runs were made to the same room in a short time (April 29 and May 6); first thought illnesses were due to exposure from pool chemicals, hazmat team called and determined malfunction of pool boiler - all poolside rooms were evacuated, CO levels tested at 400-500 ppm; investigation discovered recently installed new boiler was not permitted and "size of the boiler was not proper"; other victims discovered who originally attributed symptoms to sickness and/or were moved to other rooms before symptoms advanced; following incident fire chief purchased detectors for the city's paramedics and police officers
PA	Lancaster County	5/10/13		Heritage Hotel			2		boiler		2 guests went to hospital experiencing "symptoms similar to carbon monoxide poisoning"; hotel was evacuated - firefighters found high levels of carbon monoxide on second and third floors
NV	Reno	5/11/13		El Cortez Hotel			12		water heaters		Hotel evacuated - source/cause listed in article about subsequent leak at same hotel (see case #2013-0601NV)
WI	Oshkosh	5/13/13		Hilton Garden Inn	Y					mechanical/laundry equipment room	CO detector went off - first responders found high levels of CO and evacuated hotel; 19 firefighters and five ambulances responded to assist with evacuation and checking guests for CO exposure
NV	Reno	6/1/13		El Cortez Hotel			8		"appliances"		Fire Dept called after guest ill; discovered elevated CO levels in basement, hotel evacuated - second incident at this hotel (see case #2013-0511NV)

NC	Boone	6/8/13	Jeannie Williams, 49 (injured) & son Jeffrey Williams, 11 (deceased)	Best Western Blue Ridge Plaza	Y	1	1	1 deceased	pool heater	below victims' room	victims discovered by hotel staff when husband/father phoned front desk to ask that room be checked after victims failed to show to meet family - boy found deceased on bed, mother unconscious on bathroom floor, 911 called - fire department responded and measured CO at "lethal levels"; two deaths due to CO poisoning in same room (225) five weeks earlier (see case #2013-0416NC) - carbon monoxide suspected as cause immediately following deaths, but investigators opted to wait for results of toxicology testing on victims to confirm - not confirmed until after this incident; guests also reportedly ill on 4/19/2013 in room 325, one floor up from room 225, two floors up from pool heater; subsequent investigation revealed the following: there were no CO alarms installed in the hotel (some staff erroneously thought the combustible gas detectors and/or the smoke alarms in the rooms were CO alarms); the pool heater was housed in same room as corrosive pool chemicals; pool heater had been previously used and then moved from another hotel w/o proper permit and installed by unlicensed hotel maintenance workers and subsequently converted to natural gas against manufacturer's instructions; pool heater reportedly not working in April and had been "serviced" by a repairman who was not commercially licensed; pool heater found to be venting thru a corroded exhaust system that did not meet code standards, at the end of which was a rusted out, inoperable exhaust fan - CO leaked from exhaust system into rooms above via holes in a protective firewall	
NJ	Carlstadt	6/13/13		Holiday Inn Express	Y			1	pool heater		Police and Fire responded to report of activated CO alarms at hotel and evacuated building; Carlstadt Office of Emergency Management also responded; CO levels measured at 300ppm; CO leak traced to pool heater "which recently had been repaired"; hotel staff member hospitalized; "The detectors are battery operated and not hardwired, so the staff at first thought they simply needed battery changes...after the batteries were replaced, the detectors activated again, so authorities were called"	
WI	Lake Delton	6/14/13	Doug Schuenemann, 6 month-old son & family (all injured)	Travelodge	Y			9	1 injured	pool heater	hotel employees ill and noticed CO alarm "flashing"; Fire Dept. evacuated hotel; cause of leak determined to be "blocked heat exchangers" for 2 heaters in the indoor pool area; hotel management purchased "new and additional carbon monoxide detectors" following incident	
CT	Glastonbury	10/29/13		Homewood Suites						heating unit	Fire Dept responded and evacuated hotel when a CO alarm went off, "traced the source to a heating unit and are ventilating it"	
CA	Palm Springs	11/13/13	Mark Walter Ruf, 48 (deceased)	Curve Palm Springs Hotel & Resort		1	1		pool heater	below victim's room	victim discovered deceased on floor of his room by police after family had contacted them because he had not returned from his vacation; reports of guests ill in same room in weeks before victim checked in; CO exposure related to improperly vented pool heater	
TX	San Antonio	12/8/13		LaQuinta Inn and Suites	Y						"two guests were reportedly exposed to carbon monoxide"; Fire Dept "found carbon monoxide had accumulated from the boiler room to the fifth floor of the building"	
SD	Aberdeen	12/20/13		Ramada Inn	Y				water heater	basement	Fire Dept called - restaurant and bar evacuated	
OH	Cleveland	12/28/13	Amy Brill (injured)	Wyndham Hotel	Y			21	2+ injured	boiler	Fire Dept and gas company responded to a call for a CO leak; evacuated hotel and found high levels of CO; those injured ranged in age from 9 months - 66 years, including a woman who was 7 months pregnant	
TX	Lubbock	1/16/14	Harold Rutherford, 59 (deceased), Letiesha Renee Ruth, 43 (injured)	Budget Inn	Y	1	1		wall heater	room	fire/police called by hotel when guests did not check out as expected and no answer at door; high CO levels in room and elevated CO levels in other rooms and buildings in the complex; no functioning smoke detectors; all rooms inspected had code violations involving the gas fired appliances	
ID	McCall	2/10/14		America's Best Value Inn				10	1 injured	pool heater	guests complained of headaches after being in the pool and spa area, 3-month-old infant taken by ambulance to hospital	
MD	Linthicum Heights	2/16/14	Merletha McKisset, 58 (injured)	Westin	Y			9		water heater	laundry room - first floor	Paramedics called to hotel to help employee who felt faint, while on scene their personal CO alarm went off; hotel evacuated - elevated CO levels found throughout bldg 700-800 ppm; cause found to be damaged flue assembly for water heater
ME	Ogunquit	2/23/14		InnSeason Resorts - The Falls				21		furnace	basement	911 called for guests experiencing headaches, nausea, dizziness and vomiting; Fire Dept discovered CO levels in building over 300ppm, evacuated hotel and called for additional ambulances; "faulty furnace" released CO into basement, carried by vents throughout the building
KY	Jeffersontown	3/16/14		Fairfield Inn & Suites	Y						Carbon monoxide alarms went off and caused guests to evacuate; Fire Dept measured high CO levels throughout building, up to 400ppm; cause attributed to "malfunctioning gas burning appliance"	
PA	Crescentville	7/4/14		Days Inn	Y			5		generator	basement	several guests ill with nausea and dizziness, hotel evacuated; hotel lost power and employees turned on a generator in the basement that "filled the building with carbon monoxide"
PA	Dunmore	8/24/14	Julie & Keith Nutt (both injured)	Best Western Plus Hotel on Tighe Street	Y			30		pool heater		guest called 911 for unconscious wife, both found unconscious in hallway by emergency responders; CO found to be leaking from a cracked ventilation pipe for pool heater; multiple code violations discovered and hotel was shut down for 18 months
VA	Chantilly	9/17/14	Max Kipfer, 57 (injured)	Hampton Inn Dulles Airport South	Y			1		boiler		victim was sick in his room the night before, went to front desk and was given food/water and sent back to room; a persistent friend kept calling his cell phone when he didn't show up for a breakfast meeting and could tell victim was incoherent - rushed to hotel and with help of manager and two maintenance workers, broke down door which was "triple locked, including with the security bar," found victim unconscious on floor; CO poisoning diagnosed at hospital
WA	SeaTac	11/1/14		Radisson Hotel	Y				pool heater		CO alarm went off and hotel was evacuated	
NC	Charlotte	11/3/14		Sleep Inn	Y				"improper equipment"	4th floor	hotel evacuated; "Investigators said a crew that was fumigating the hotel used equipment that caused carbon monoxide to form"	
IL	Naperville	11/10/14		Hotel Arista					HVAC unit	roof	Fire Dept responded to report of a natural gas leak inside hotel, on arrival found "elevated natural gas and carbon monoxide readings" and evacuated hotel; leak traced to a "malfunctioning heating, ventilation and air conditioning unit on the roof of the building"	
AR	Rogers	11/11/14		Candlewood Suites	Y				pool heater		hotel evacuated due to leak in pool heater	
ID	Preston	11/15/14		Riverdale Resort				19		portable heater	victims were attendees of a family reunion, went to hospital when all began feeling ill; incident occurred in morning but emergency responders not notified of problem until 6pm, investigation was then initiated	
PA	Concordville	11/18/14		Best Western Plus Concordville Hotel	Y				heater		Fire Dept responded to CO alarm - elevated CO levels in laundry area of basement as well as 1st, 2nd and 3rd floors, over 100ppm	

ND	Bismarck	1/18/15		Holiday Inn Express	Y		8	4 injured	boiler	adjacent to pool	paramedics responded to reports of children feeling ill and dizzy in pool area; victims were 4 children and 2 adults and 2 employees; hotel workers evacuated pool area prior to ambulance arrival; source of CO determined to be a boiler in room next to pool area
ND	Bismarck	1/21/15		Holiday Inn Express	Y						second incident at this hotel in 3 days - "Fire Department responded to carbon monoxide alarms going off in the building's pool and boiler rooms"; shut off gas line and reported that hotel maintenance was "working on the problem"
IL	Annawan	2/15/15		Best Western Annawan Inn	Y		4	4 injured	pool heater		4 children ill in pool area; CO levels measured at 999ppm; CO detector in pool area did not have audible alarm
IA	Council Bluffs	3/22/15	15 y/o boy and 37 y/o woman (injured)	Quality Inn & Suites	Y		4	1 injured	boiler		Fire Dept called to hotel for report of "several people feeling nauseated in the pool area"; firefighters found CO levels of 600ppm in pool room and guest rooms; victims were members of hotel owner's family - swimming in pool when they got sick
GA	Peachtree Corners	4/13/15		Hilton Atlanta Northeast	Y		7		"multiple sources"	boiler room	victims were employees who alerted fire dept they were feeling ill since early in the morning; hotel equipped with CO detectors (unclear whether they alarmed); hotel evacuated and guests relocated to other hotels after leak was determined to be coming from "multiple sources"
WY	Gillette	6/3/15		Hampton Inn	Y						Gas Company notified fire dept who evacuated hotel after detecting "dangerous levels of carbon monoxide" on the third floor
MA	Hyannis	7/9/15		International Inn					boilers	basement	Fire Dept "received a call from an alarm company about an activated carbon monoxide detector sounding in the basement"; on arrival Fire Dept detected high CO levels and pulled fire alarm to evacuate building; high CO levels of "well above 100ppm" throughout building; workman had been onsite in boiler room earlier in day
NY	Holtsville	8/13/15		Ramada Plaza-Long Island							Fire Dept/police called to hotel for report of "high levels" of carbon monoxide; guests and employees were evacuated to parking lot when responders arrived; "A possible source being examined is a heating-air conditioning system"
IA	Sioux City	9/2/15	30 y/o woman, her two children and her parents (injured)	Corey Motel - Extended Stay			5	2 injured	water heater		rescuers called to hotel on report of five people with headaches and vomiting; unit's hot water heater had reportedly stopped working earlier in the day
IN	Evansville	11/13/15		Holiday Inn Express	Y		1		water heater		employees smelled gas and called 911; Fire Dept reported natural gas leak as well as CO; "vents off water heater weren't working properly"; "The property was yellow-tagged, meaning no guest or employee was allowed inside until the repairs were made and the building commission gave the all clear."
IL	Pontoon Beach	1/30/16		Super 8	Y		4	4 injured			4 children at pool party and became ill - hotel called 911; Fire Dept discovered bird's nest clogging pipe from utility room, also discovered hotel's CO detectors were not plugged in
IN	Huntington	2/13/16		Quality Inn	Y		20		pool heater		guests at party in pool room ill, some passed out; EMS arrived and evacuated building; investigation discovered "extension pipe between the indoor water heater and outdoor exhaust vent was rusted and had fallen apart" - maintenance worker had reportedly been working on the exhaust system earlier that day
OH	Austintown	3/11/16		Sleep Inn	Y		18	2+ injured	pool heater		EMS called to hotel for child who had fallen in pool area - responders carry CO alarms on their EMS bags, which began alarming; CO levels at 600ppm; high levels in pool area and upper levels of hotel; Fire Chief reported "the biggest struggle was getting everyone out...we set the fire alarms off and people just ignored them"
MO	Sunset Hills	4/8/16		Hampton Inn	Y						gas company, fire and police responded to report of gas leak at hotel in pool area, evacuated hotel
NY	Queensbury	4/20/16		Six Flags Great Escape Lodge					boiler	basement	hotel evacuated when CO alarm went off; Fire Dept found "slightly elevated" levels of CO in the basement; "an issue with a boiler intake was found and repaired"
NY	Queensbury	4/21/16		Six Flags Great Escape Lodge							2nd incident of CO at this hotel, 1st on 4/21/2016 - hotel evacuated when CO alarm went off
ME	Portland	6/6/16		Howard Johnson	Y		1		furnace	below victim's room	EMS called for ill guest; rescue crews found a man "unconscious and vomiting in a stairwell"; CO alarms on EMS bags alerted to high levels of CO; CO levels of 400ppm - highest level was found in room of ill guest, located above the "furnace room"; hotel reportedly equipped with CO detectors but unclear whether they alarmed;
MI	Warren	7/25/16		Hawthorn Suites by Wyndham	Y		2		boiler		A couple in their 60s and their dog were found unconscious in their room by hotel housekeeper; CO levels of 439 ppm were detected; cause of CO reportedly associated with boiler and "melted pipes and wires"
NC	Morganton	8/17/16		Comfort Inn	Y						"a hot water heater caused a sprinkler to go off in a room that houses the hotel's electrical equipment" - first responders detected "high levels" of CO on every floor and evacuated building;
MA	Andover	8/26/16		LaQuinta Inn and Suites	Y						CO alarm sounded, Fire Dept responded and evacuated hotel; CO levels measured at over 100ppm in laundry room; "Columbia Gas has determined what appliances caused the high levels of CO to be emitted and have subsequently shut them down. The gas inspector is on scene to determine how to best replace the problematic units."
NJ	Bridgewater	9/8/16		Days Inn	Y		1		water heaters		hotel evacuated after CO alarm sounded; "hotel employees went door-to-door to make sure all of the rooms were cleared"; 1 firefighter hospitalized due to CO; "firefighters discovered that water heaters were to blame for the elevated CO. PSEG was called in to cap the heaters"; hotel issued a violation
MA	Springfield	10/18/16		Marriott Hotel	Y				boiler		two floors evacuated after "unsafe" levels of CO related to a malfunctioning boiler
CO	Durango	12/20/16		Residence Inn	Y		2	2 injured	pool boiler		Fire Dept responded and evacuated hotel; 2 boys who had been playing in pool area were hospitalized for CO poisoning; some hotel staff experiencing headaches; source of CO determined to be pool boiler, "the owners intend to replace the entire boiler unit"
NC	Asheville	12/23/16		Clarion Inn	Y				pressure washers	outside hotel	Fire Dept called to hotel for high levels of CO, evacuated building; CO caused by hotel staff using gas powered pressure washers outside building - the "HVAC system sucked the carbon monoxide into the building"
WI	Lake Delton	12/28/16		Sunset Bay Resort					water heater	basement	CO alarm went off and guests evacuated without incident; "Fire officials said the incident is a good reminder to businesses and homeowners to install and regularly test CO detectors in any place where there are gas fired appliances."

NY	Plattsburgh	1/7/17		Comfort Inn & Suites	Y				heating unit	neighboring restaurant kitchen	hotel CO alarm sounded and firefighters responded to hotel, found CO source to be malfunction of a heating unit in restaurant next door; the hotel's five rooms in the area of the restaurant were evacuated to lobby of hotel while firefighters investigated
TX	Corpus Christi	1/10/17		Omni Hotel			6		pool heater		victims were hotel staff who complained of lightheadedness and nausea, Fire Dept called and victims were transported to hospital; hotel was evacuated; high levels of CO found on lower floors
MD	Clear Spring	3/2/17		Sleep Inn	Y				pool heater		Ambulance crew called to assist a guest with a medical condition, their personal CO detectors alarmed alerting them to a CO leak that was subsequently traced to a propane pool heater
RI	Mansfield	3/27/17		Holiday Inn	Y				pool heater		hotel evacuated and fire dept called when CO alarms went off; CO levels measured at 800ppm on first floor; "heaters for the pool and whirlpool were shut down and the cause is being investigated"
MI	Niles	4/1/17	Bryan Watts, 13 (deceased)	Quality Inn & Suites	Y	1	13	1 deceased 6 injured	pool heater		a hotel employee discovered 6 children unconscious in pool area, EMS called and hotel was evacuated; 1 child found unconscious in a first floor room; CO levels measured at 800ppm; additional victims were hotel staff and first responders; cause determined to be "a pool heater ventilation pipe disconnecting from the pool heater. This likely caused carbon monoxide to leak into an enclosed pool maintenance room. An exhaust system in the pool maintenance room vented out of the room and into the enclosed pool area."
MD	Baltimore	4/8/17		Marriott Delta Hotel	Y		2			basement	Fire Dept called after CO leak detected in basement; hotel evacuated; two guests transported to hospital
MI	Novi	4/26/17		Novi Oaks Hotel					pool heater		hotel worker ill and called 911; hotel was evacuated after Fire Dept detected high levels of CO
AR	Bentonville	5/1/17		Holiday Inn Express	Y				"construction related issues"		Fire Dept called after CO alarms went off at hotel; hotel evacuated; source of CO was listed as "construction related"
ND	Fargo	5/29/17		LaQuinta Inn and Suites	Y		11	2+ injured			9 y/o girl transported to hospital after getting sick in pool area, 10 other guests sought medical attention; Fire Dept responded and detected CO levels at 300ppm in pool area and hallways; cause not immediately apparent but pool heater suspected
VA	Warrenton	7/24/17		Holiday Inn	Y						hotel evacuated due to "very high levels" of CO; Fire Dept "said the source of the carbon monoxide has been narrowed down to gasoline powered equipment"
CA	Chico	7/27/17		Marriott Residence Inn	Y		2		water heater	next to victims' room	ambulance called for two guests experiencing headaches, dizziness and nausea - transported to hospital; hospital diagnosed CO poisoning and alerted fire dispatch; Fire Dept responded to hotel and evacuated remaining guests; CO levels in victims' room measured at 150ppm, in adjacent room that housed water heater levels measured 550ppm
TX	Perryton	8/24/17	Patricia, 58, (deceased) & husband David Ivie, 62 (deceased)	Best Western	Y	2	5		pool heater	below victims' room	victims discovered unconscious in their room (217) by housekeeper when she heard CO alarm sounding in room - woman was on bed, man was on floor; hotel evacuated; Fire Dept found "substantial levels" of CO in parts of the hotel; firefighters discovered that guests in room located four doors down from room 221 had taken the battery-powered CO alarm off the wall and placed it on the nightstand with a note stating the alarm went off at 3:30am and 4:30am and said the battery need replacing; Patricia Ivie died from her injuries two months later, and David Ivie died of his injuries four months later
NC	Fayetteville	11/7/17	Michael Brown (injured) & wife	Marriott Residence Inn	Y		3		water heater	first floor	Two guests woke up not feeling well and went to the hospital, found to have elevated levels of CO; hospital notified fire dept who evacuated hotel; victim Michael Brown said he began having symptoms the day before at hotel and collapsed, taken to hospital but released later and returned to his hotel room - CO poisoning not diagnosed until he collapsed again the following day, wife found him unconscious and took him back to hospital; they both were transferred to a nearby hospital for treatment in hyperbaric chamber; "Investigators said the hotel has carbon monoxide detectors, but they did not go off. Instead someone had to pull the fire alarm to evacuate guests." Cause of CO leak was determined to be a "malfunctioning water heater in a mechanical room on the first floor."
WI	Madison	11/11/17		Doubletree Hotel	Y		8		pool boiler		Fire Dept responded to call for two guests who passed out in the stairwell by the pool; when they arrived, a CO sensor in their EMS bag began sounding; evacuated area and found CO levels at 150ppm in stairwell, 400ppm in pool room, and 2000-2500 inside boiler room for the pool; gas company determined "an exhaust pipe on one of the boilers had fallen off and was discharging exhaust into the room."
TX	Temple	12/14/17		Hilton Garden Inn	Y		2				EMS called for two guests complaining carbon monoxide related symptoms, transported to hospital; firefighters "located and confirmed the source of the carbon monoxide"
MD	Baltimore	2/1/18		Delta Hotel					underground electrical fire	near hotel	underground electrical fire in a manhole near the hotel; Fire Dept reported "high levels" of CO in the sub-basement of the hotel; "firefighters monitored all levels of the hotel with guests to ensure the levels of carbon monoxide were safe"
NY	NYC-Manhattan	2/21/18		The Hotel on Rivington					underground fire		hotel and three neighboring buildings evacuated due to CO created by "manhole fires"; CO levels measured at 1400ppm
TX	Austin	2/21/18		Fairmont Hotel			2		oven	kitchen	hotel new and set to open in next few weeks; Fire Dept called to hotel for reports of a gas leak; found "high levels" of CO on first seven floors and evacuated workers; CO related to pizza oven in hotel's kitchen, "An exhaust system had failed, forcing the harmful gas to recirculate into the hotel's air conditioning system"; 2 hotel workers hospitalized
MO	Watford City	3/10/18		Little Missouri Inn & Suites			3	3 injured	pool heater		911 called for children in pool area having difficulty breathing; Fire Dept responded and determined CO exposure resulting from "a malfunction in the pool mechanic room ventilation system"
CO	Denver	5/22/18		Aloft Hotel (Marriott)	Y		18				Rescuers called to hotel when a CO alarm went off (news article does not reference if it was hotel alarm but a reader comment states "The hotel did not detect the carbon monoxide, hotel guests did with their own equipment"); hotel evacuated, victims transported to hospital by ambulances and a hotel van
VA	Hampton	6/6/18		Quality Inn	Y				water heater		firefighters responded and evacuated building

TX	San Antonio	7/24/18		Comfort Suites	Y		12		water heater	911 call at 1:40am for "a group" reporting they were ill from food poisoning; additional call for a second family with same symptoms prompted firefighters to check air quality; "found an exhaust pipe on a water heater that was disconnected and the exhaust was being sucked up by the room handlers"; "Investigators at the scene told reporter that the hotel did not have carbon monoxide detectors as local rules do not require it in hotels or motels"
		Total # of incidents	295			Total # deaths (includes children)	144			
						Total# injured (includes children)	2091			
						Total # child deaths	23	Total # children injured	163	

Be informed

To date, there is no federal requirement for the installation of carbon monoxide alarms in hotels. Only 14 states require installation of CO alarms in hotels and motels under statute (www.ncsl.org). There are currently no requirements for carbon monoxide education and/or training of hotel owners and staff.

Be aware and be safe when traveling

Know the symptoms of carbon monoxide poisoning (you can't see it, smell it or taste it) and always carry your own carbon monoxide alarm when you travel. Alarms are sold online and in stores anywhere you find household smoke alarms.

Please share this information

About this spreadsheet

This is not an all inclusive list of hotel/motel CO incidents, these are only the cases that had an associated media story, or were otherwise noted in a publicly accessible document online.

To add a case or additional information to this log, or to request an updated copy please email krishauschildt@yahoo.com

All incidents and details listed were obtained via media accounts and publicly accessible documents. Those marked with * are courtesy of Dr. Lindell Weaver, author of the 2007 published study "Carbon Monoxide Poisoning at Motels, Hotels and Resorts"

This spreadsheet is maintained by Kris Hauschildt in memory of Daryl & Shirley Jenkins and Jeffrey Williams who lost their lives to carbon monoxide poisoning in the same hotel room just a few weeks apart on April 16 and June 8, 2013.

