

# CO-Gas Safety's summary of statistics on deaths and injuries

## UK deaths caused by unintentional Carbon Monoxide (CO) poisoning\*

(Between 1 Sept 1995 - 31 Aug 2022): **Total: 725**

\*CO-Gas Safety collect information on unintentional poisoning caused by the CO that is produced by any and all fuels used in appliances that work via combustion (burning). We do not include deaths or injuries from CO that is produced by unintentional fire or flames (often smoke inhalation in domestic fire accidents). The incidents that we document are those where a fire or appliance involving combustion was intentionally used, but the resulting CO poisoning was not expected and was avoidable. Please see [www.co-gassafety.co.uk/data-menu/](http://www.co-gassafety.co.uk/data-menu/) for more details.

TENURE	
Total number of unintentional CO deaths by Tenure: (1 Sept 95 – 31 Aug 2022):	
Owner/Occupier	417
Private Rental	72
Council	67
Temporary (e.g. hotel, tent)	30
Housing Association	20
Other (e.g. owned by relative)	19
Owned by Employer	13
Unknown	87

SITUATION					
Total number of unintentional CO deaths by Situation (1 Sept 1995 – 31 Aug 2022):					
House	404	Boat	35	Tent	17
Flat	104	Vehicle	32	Workplace	6
Garage	37	Commercial premises	27	Other	5
Caravan or mobile home	33	Shed or similar	21	Unknown	4

FUEL TYPE																												
Total number of CO unintentional deaths by Fuel Type and CO-Gas year (1 Sept to 31 Aug):																												
	95/96	96/97	97/98	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	TOTAL
Gas (mains)	30	20	18	21	14	15	8	9	8	14	14	9	12	18	4	11	2	5	4	3	6	.	3	.	.	.	.	248
Gas (portable)	9	8	5	6	10	6	7	7	6	4	7	5	3	7	6	4	3	4	3	2	2	.	.	.	.	.	.	114
Solid	22	18	23	13	17	14	4	8	5	7	8	14	11	3	8	7	12	6	6	5	1	1	3	.	2	5	.	223
Petrol/diesel	6	7	3	9	3	7	6	1	2	3	2	10	6	4	4	7	3	5	4	2	4	10	3	2	3	1	.	117
Oil	.	2	.	.	.	.	.	.	.	.	.	1	.	1	1	2	.	1	.	.	1	.	.	.	.	.	.	9
Paraffin	.	.	.	1	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
Unknown	.	1	.	.	1	.	2	1	2	1	.	.	.	.	.	.	.	.	1	.	.	1	.	.	.	1	.	11
Total	67	56	49	50	46	42	27	26	23	29	31	39	33	33	23	31	20	21	18	12	13	12	9	2	5	7	.	725

**Notes:** Zane Gbangbola, aged 7, died in February 2014. The Coroner's verdict in September 2016 was that Zane died of carbon monoxide poisoning. However, the blood test found only 8% carboxyhaemoglobin and we have never heard of a death of an otherwise healthy person dying at such a low level. The family disputes the finding and continues to maintain that Zane died of hydrogen cyanide from a flood from a landfill site, so we have not included this death. see <http://www.dailymail.co.uk/news/article-3794537/Justice-Zane-New-hope-parents-blamed-death-flood-tragedy-son-MP-attacks-seriously-flawed-inquest.html>

We are aware of at least one fatal carbon monoxide poisoning in the year 2021-22 that we believe was unintentional. We are not including this case in our statistics until the details have been confirmed officially by either an inquest or other legal proceedings.