

## 1,3-Butadiene

### References to Supplementary Web Tables, Section 2

- Cheng H, Sathiakumar N, Graff J et al. (2007). 1,3-Butadiene and leukemia among synthetic rubber industry workers: exposure-response relationships. *Chemico-Biological Interactions*, 166:15–24 [doi:10.1016/j.cbi.2006.10.004](https://doi.org/10.1016/j.cbi.2006.10.004). [PMID:17123495](https://pubmed.ncbi.nlm.nih.gov/17123495/)
- Delzell E, Macaluso M, Sathiakumar N, Matthews R (2001). Leukemia and exposure to 1,3-butadiene, styrene and dimethyldithiocarbamate among workers in the synthetic rubber industry. *Chemico-Biological Interactions*, 135–136:515–534 [doi:10.1016/S0009-2797\(01\)00223-X](https://doi.org/10.1016/S0009-2797(01)00223-X).
- Delzell E, Sathiakumar N, Graff J et al. (2006) *An Updated Study of Mortality among North American Synthetic Rubber Industry Workers*, Boston, MA, Health Effects Institute pp 1-72.
- Delzell E, Sathiakumar N, Hovinga M et al. (1996). A follow-up study of synthetic rubber workers. *Toxicology*, 113:182–189 [doi:10.1016/0300-483X\(96\)03443-9](https://doi.org/10.1016/0300-483X(96)03443-9). [PMID:8901897](https://pubmed.ncbi.nlm.nih.gov/8901897/)
- Divine BJ, Hartman CM (2001). A cohort mortality study among workers at a 1,3-butadiene facility. *Chemico-Biological Interactions*, 135–136:535–553 [doi:10.1016/S0009-2797\(01\)00212-5](https://doi.org/10.1016/S0009-2797(01)00212-5).
- Downs TD, Crane MM, Kim KW (1987). Mortality among workers at a butadiene facility. *American Journal of Industrial Medicine*, 12:311–329 [doi:10.1002/ajim.4700120307](https://doi.org/10.1002/ajim.4700120307). [PMID:3674024](https://pubmed.ncbi.nlm.nih.gov/3674024/)
- Graff JJ, Sathiakumar N, Macaluso M et al. (2005). Chemical exposures in the synthetic rubber industry and lymphohematopoietic cancer mortality. *Journal of Occupational and Environmental Medicine*, 47:916–932 [doi:10.1097/01.jom.0000172866.16615.db](https://doi.org/10.1097/01.jom.0000172866.16615.db). [PMID:16155477](https://pubmed.ncbi.nlm.nih.gov/16155477/)
- Lemen RA, Meinhardt TJ, Crandall MS et al. (1990). Environmental epidemiologic investigations in the styrene-butadiene rubber production industry. *Environmental Health Perspectives*, 86:103–106 [doi:10.2307/3430941](https://doi.org/10.2307/3430941). [PMID:2205482](https://pubmed.ncbi.nlm.nih.gov/2205482/)
- Macaluso M, Larson R, Delzell E et al. (1996). Leukemia and cumulative exposure to butadiene, styrene and benzene among workers in the synthetic rubber industry. *Toxicology*, 113:190–202 [doi:10.1016/0300-483X\(96\)03444-0](https://doi.org/10.1016/0300-483X(96)03444-0). [PMID:8901898](https://pubmed.ncbi.nlm.nih.gov/8901898/)
- Macaluso M, Larson R, Lynch J et al. (2004). Historical estimation of exposure to 1,3-butadiene, styrene, and dimethyldithiocarbamate among synthetic rubber workers. *Journal of Occupational and Environmental Hygiene*, 1:371–390 [doi:10.1080/15459620490452004](https://doi.org/10.1080/15459620490452004). [PMID:15238328](https://pubmed.ncbi.nlm.nih.gov/15238328/)
- Matanoski G, Elliott E, Tao X et al. (1997). Lymphohematopoietic cancers and butadiene and styrene exposure in synthetic rubber manufacture. *Annals of the New York Academy of Sciences*, 837:157–169 [doi:10.1111/j.1749-6632.1997.tb56872.x](https://doi.org/10.1111/j.1749-6632.1997.tb56872.x). [PMID:9472338](https://pubmed.ncbi.nlm.nih.gov/9472338/)
- Matanoski G, Francis M, Correa-Villasenor A et al. (1993) Cancer epidemiology among styrene–butadiene rubber workers. In: Sorsa, M., Peltonen, K., Vainio, H. & Hemminki, K., eds, *Butadiene and Styrene: Assessment of Health Hazards* (IARC Scientific Publication No. 127), Lyon, IARC, pp. 363–374.
- Matanoski GM, Santos-Burgoa C, Schwartz L (1990). Mortality of a cohort of workers in the styrene-butadiene polymer manufacturing industry (1943–1982). *Environmental Health Perspectives*, 86:107–117 [doi:10.2307/3430942](https://doi.org/10.2307/3430942). [PMID:2401250](https://pubmed.ncbi.nlm.nih.gov/2401250/)
- Matanoski GM, Schwartz L (1987). Mortality of workers in styrene-butadiene polymer production. *J Occup Med*, 29:675–680. [PMID:3655951](https://pubmed.ncbi.nlm.nih.gov/3655951/)
- McMichael AJ, Spirtas R, Gamble JF, Tousey PM (1976). Mortality among rubber workers: Relationship to specific jobs. *Journal of Occupational Medicine*, 18:178–185 [doi:10.1097/00043764-197603000-00012](https://doi.org/10.1097/00043764-197603000-00012). [PMID:1255279](https://pubmed.ncbi.nlm.nih.gov/1255279/)
- McMichael AJ, Spirtas R, Kupper LL (1974). An epidemiologic study of mortality within a cohort of rubber workers, 1964–72. *J Occup Med*, 16:458–464. [PMID:4842655](https://pubmed.ncbi.nlm.nih.gov/4842655/)
- Meinhardt TJ, Lemen RA, Crandall MS, Young RJ (1982). Environmental epidemiologic investigation of the styrene-butadiene rubber industry. Mortality patterns with discussion of the hematopoietic and lymphatic malignancies. *Scand J Work Environ Health*, 8:250–259. [PMID:7170621](https://pubmed.ncbi.nlm.nih.gov/7170621/)
- Santos-Burgoa C, Matanoski GM, Zeger S, Schwartz L (1992). Lymphohematopoietic cancer in styrene-butadiene polymerization workers. *American Journal of Epidemiology*, 136:843–854 [doi:10.1093/aje/136.7.843](https://doi.org/10.1093/aje/136.7.843). [PMID:1442750](https://pubmed.ncbi.nlm.nih.gov/1442750/)
- Sathiakumar N, Delzell E, Hovinga M et al. (1998). Mortality from cancer and other causes of death among synthetic rubber workers. *Occupational and Environmental Medicine*, 55:230–235 [doi:10.1136/oem.55.4.230](https://doi.org/10.1136/oem.55.4.230). [PMID:9624276](https://pubmed.ncbi.nlm.nih.gov/9624276/)

- Sathiakumar N, Graff J, Macaluso M et al. (2005). An updated study of mortality among North American synthetic rubber industry workers. *Occupational and Environmental Medicine*, 62:822–829 [doi:10.1136/oem.2004.018176](https://doi.org/10.1136/oem.2004.018176). [PMID:16299089](https://pubmed.ncbi.nlm.nih.gov/16299089/)
- Sathiakumar N, Brill I, Delzell E (2009). 1,3-butadiene, styrene and lung cancer among synthetic rubber industry workers. *J Occup Environ Med*, 51:1326–1332. [doi:10.1097/JOM.0b013e3181c3c663](https://doi.org/10.1097/JOM.0b013e3181c3c663) [PMID:19858739](https://pubmed.ncbi.nlm.nih.gov/19858739/)
- Sathiakumar N, Delzell E (2009). A follow-up study of mortality among women in the North American synthetic rubber industry. *J Occup Environ Med*, 51:1314–1325. [doi:10.1097/JOM.0b013e3181bd8972](https://doi.org/10.1097/JOM.0b013e3181bd8972) [PMID:19858743](https://pubmed.ncbi.nlm.nih.gov/19858743/)
- Tsai SP, Wendt JK, Ransdell JD (2001). A mortality, morbidity, and hematology study of petrochemical employees potentially exposed to 1,3-butadiene monomer. *Chemico-Biological Interactions*, 135–136:555–567 [doi:10.1016/S0009-2797\(01\)00186-7](https://doi.org/10.1016/S0009-2797(01)00186-7).
- Ward EM, Fajen JM, Ruder AM et al. (1995). Mortality study of workers in 1,3-butadiene production units identified from a chemical workers cohort. *Environmental Health Perspectives*, 103:598–603 [doi:10.2307/3432437](https://doi.org/10.2307/3432437). [PMID:7556014](https://pubmed.ncbi.nlm.nih.gov/7556014/)
- Ward EM, Fajen JM, Ruder AM et al. (1996). Mortality study of workers employed in 1,3-butadiene production units identified from a large chemical workers cohort. *Toxicology*, 113:157–168 [doi:10.1016/0300-483X\(96\)03441-5](https://doi.org/10.1016/0300-483X(96)03441-5). [PMID:8901895](https://pubmed.ncbi.nlm.nih.gov/8901895/)