

Introduction to Meeting and Research Programs

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DATE	TOPICS		
Dec 3, 2020	 Operationalizing the DNTP strategic realignment DNTP strategic planning framework 		We are
	DNTP PROGRAM INTRODUCTIONS		here
Dec 4	Cardiovascular	Developmental neurotoxicity	
Feb 2, 2021	Carcinogenesis	Combined exposures and mixtures	
Apr 23	Occupational and inhalation exposures	Emerging contaminants and issues of concern	
June 8	Novel tools and approaches	Consumer products and therapeutics	NIOSH, FDA Plans – TBD
Aug 4	Safe and sustainable alternatives	Scientific cyberinfrastructure	
Oct 20	TBD (updates, cross-cutting topics)		
Dec 8	TBD (updates, cross-cutting topics)		



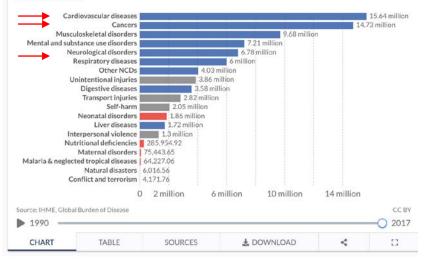
Disease-focused toxicology

Burden of disease by cause, United States, 2017 Total disease burden, measured in Disability-Adjusted Life Years (DALYs) by sub-category of disease or



injury. DALYs measure the total burden of disease – both from years of life lost due to premature death and years lived with a disability. One DALY equals one lost year of healthy life.

≓ Change country



→ HEIs

Burden of disease by cause, World, 2017 Our World in Data Total disease burden, measured in Disability-Adjusted Life Years (DALYs) by sub-category of disease or iniury. DALYs measure the total burden of disease - both from years of life lost due to premature death and years lived with a disability. One DALY equals one lost year of healthy life. ≓ Change country Cardiovascular diseases 365.87 million Cancers 233.51 million Neonatal disorders 185.78 million Musculoskeletal disorders 138.72 million Mental and substance use disorders 122.76 million Other NCDs 121.89 million **Respiratory diseases** 112.32 million Neurological disorders 111.17 million Unintentional injuries 105.94 million **Digestive diseases** 85.29 million Transport injuries 75.33 million Malaria & neglected tropical diseases 62.28 million 58.03 million Nutritional deficiencies Liver diseases 41.4 million Self-harm 34.01 million Interpersonal violence 26 million Maternal disorders 11.8 million Conflict and terrorism 10.1 million Natural disasters | 1.2 million 150 million 250 million 350 million 0 50 million Source: IHME, Global Burden of Disease CC BY ▶ 1990 2017 13 CHART TABLE SOURCES Ł DOWNLOAD <



Thank You!

