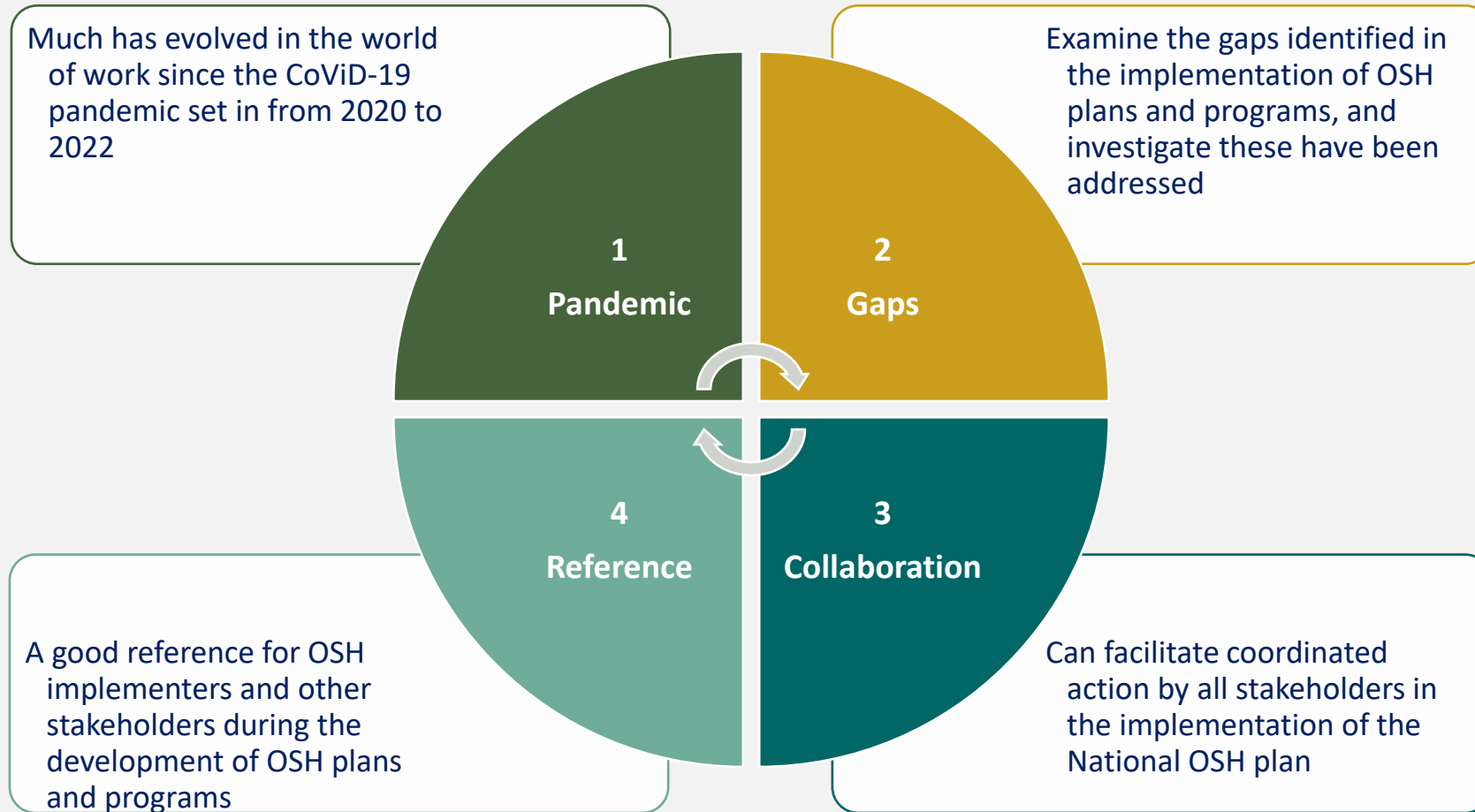


The National Occupational Safety and Health Profile: Philippines, 2019 – 2022

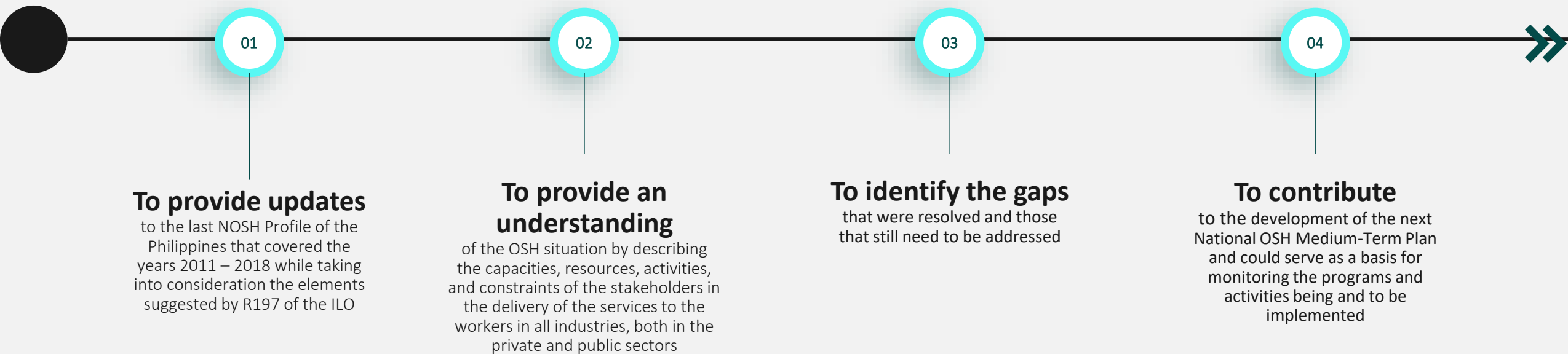
(Initial Information)



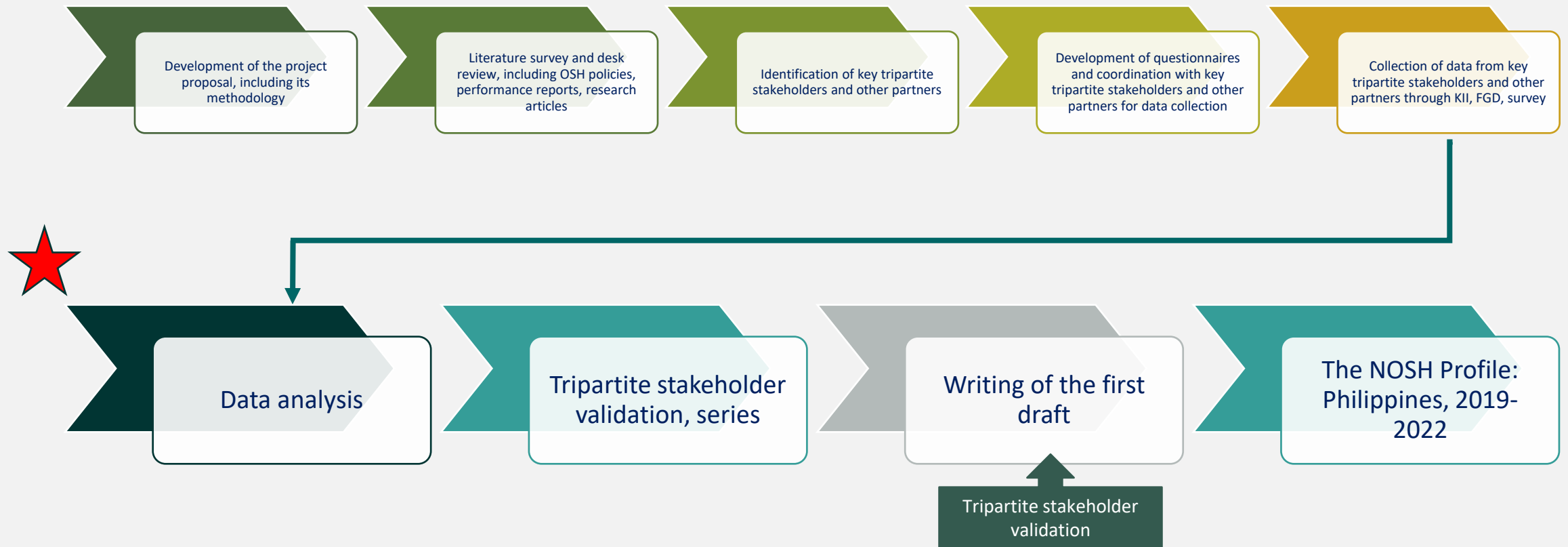
Why update the NOSH Profile?



Objectives



Process Flow of Activities



Outline of The NOSH Profile: Philippines, 2019 – 2022

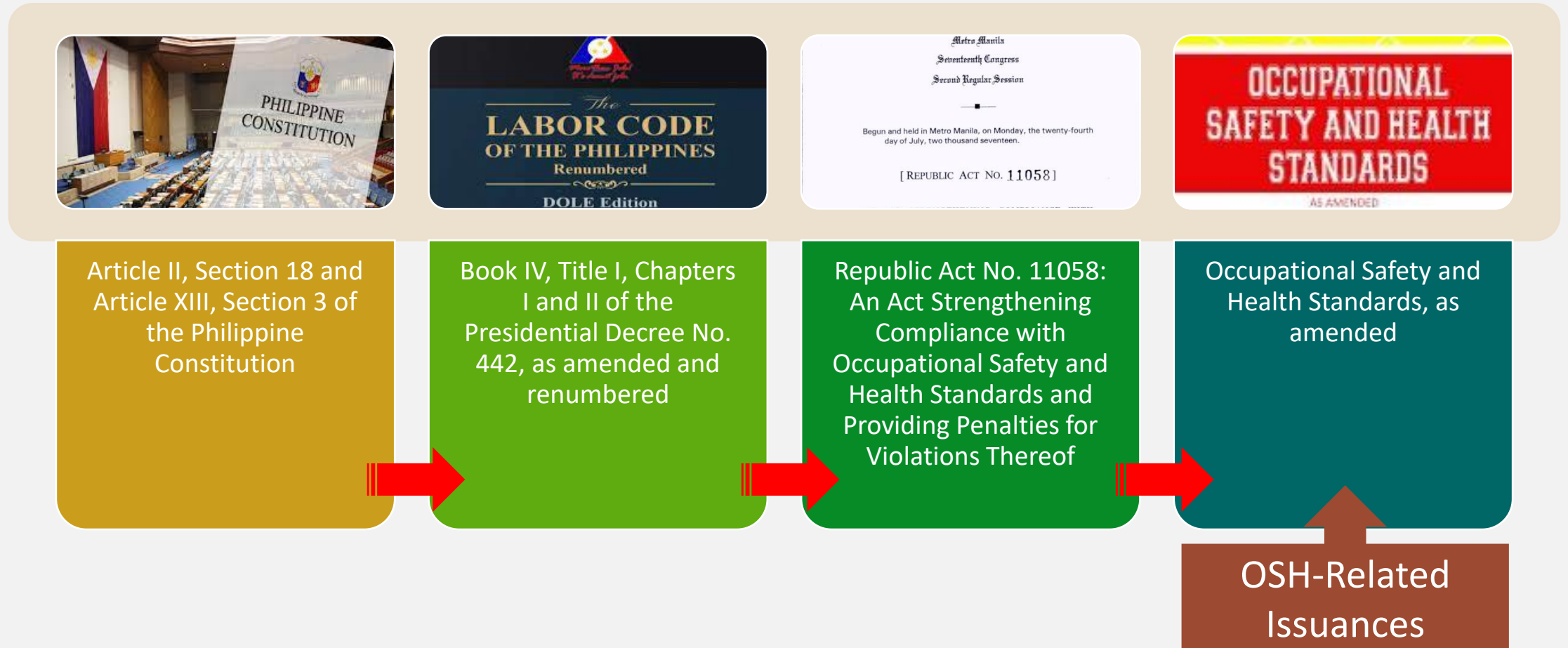
- Laws and Regulations
- National Bodies Addressing OSH Concerns
- Mechanism for OSH Data Collection and Analysis
- OSH Information, Training, and Technical Services
- Human Resources in OSH
- Research on OSH
- Analysis





National Laws and Regulations on OSH

National Legal Framework on OSH



RA No. 11058: An Act Strengthening Compliance with OSHS and Providing Penalties for Violations Thereof

- Focus on risk assessment done by the Safety Officer to determine classification of establishments with consequence on OSH requirements

From hazard-based to risk-based assessment



- Better defined rights of workers and duties of employers

Rights-based



- Recognition of sectors in vulnerable situations, *i.e.*, micro- and small establishments, in the application of OSH

Inclusive



- Inclusion of penalties
- Guidelines on enforcement, investigation, and appeal

Due process principle



Major OSH-Related Laws and Regulations Implemented by Other Agencies

Law/Regulation	Scope	Implementing Agency
Chapter VII – Industrial Hygiene, PD No. 856 (Code on Sanitation of the Philippines), and its RIRR, DOH AO No. 2018-0017	• OSH requirements, including provisions of PPE and OH services by all private industrial establishments and government agencies • Enforcement through local health authorities at the city/municipal level and IPA	DOH
RA No. 7942 (Philippine Mining Act of 1995)	• Mines safety rules and regulation by mining contractors and permittees	DENR – MGB
RA No. 9513 (Renewable Energy Act of 2008) and its DOE DC No. 2012-11-0009 (RESHERR of 2012)	• Safety, health, and environmental rules and regulations by entities engaged in renewable energy operations	DOE
RA 8550 (Fisheries Code of 1998)	• Minimum safety standards on fishing by all entities engaged in fishing operations except those in municipal fishing	DA – BFAR
RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990)	• Protection of workers from health and safety risks: importation, manufacture, processing, handling, storage, transportation, sale, distribution, use and disposal	DENR – EMB



OSH-Related Regulations

29 Issuances from DOLE, 2019 – 2022	
Sector-specific	• Telecommuting, informal economy workers • Riders, micro-establishments (healthcare facilities)
Quality assurance	First aid training providers
Notification and reporting system	CoViD-WAIR, WAIR
Compliance guidance	Clarification to certain portions of DOLE DO No. 198, s. 2018
Health domains	Mental health, CoViD-19, nutrition



Notable OSH-Related Issuances

- DOLE DO No. 208, s. 2020: Guidelines for the Implementation of Mental Health Workplace Policies and Programs for the Private Sector
- DOLE DO No. 224, s. 2021: Guidelines on Ventilation for Workplaces and Public Transport to Prevent and Control the Spread of CoViD-19
- DOLE LA No. 14, s. 2021: Working Conditions of Delivery Riders in Food Delivery and Courier Activities
- DOLE LA No. 20, s. 2021: OSH Personnel in Stand-Alone Micro Health Care and Related Facilities
- DOLE DO No. 235, s. 2022: Rules on the Certification of First Aiders and the Accreditation of First Aid Training Providers
- DOLE LA No. 07, s. 2022: Employer's Work Accident Illness Report (WAIR)



OSH-Related Regulations Issued by Other Government Agencies, 2019 – 2022

Agency	Regulation	Scope
DENR – EMB	- DENR AOs No. 2021-31, 2019-20, 2019-17, 2021-09; EMB MCs No. 2019-006, 2019-002 - EMB MC No. 2021-009	- CCOs on various toxic chemicals - GHS classification and labelling requirements
DENR – MGB	- DENR AOs No. 2022-03, 2021-25; MGB MC No. 2020-008 - MGB MC No. 2020-007	- Includes strict compliance with mine safety and health - CoViD-19 prevention and control in the workplace
DOH	DOH DCs No. 2020-0206, 2020-0016, 2020-0015, 2020-0043, 2020-0039	CoViD-19 prevention and control in the workplace
DA – FPA	- FPA MCs No. 24, s. 2021, 11, s. 2019 - FPA MC No. 32, s. 2021	- Fertilizer disposal - Ban of fertilizers with mercury content
MARINA	- MARINA MC No. SR-2019-02 - MARINA MS No. MS-2020-03	- Shipbuilding and shipbreaking - OSH in Philippine ships
DTI – CIAP	PCAB BR No. 123, s. 2022	Small-scale construction



OSH-Related Regulations

13 Issuances Jointly Issued by Government Agencies (2019-2022)

Collaborating Agencies	Scope
- DOLE, DOH, DILG, DOT, DTI, DOTr, DepEd, CHED, TESDA - DOLE, DTI, DOH, FDCP	CoViD-19-related - Safety Seal Certification Program - CoViD-19 prevention and control in the workplace
FDCP, DOLE	OSH in film and audio-visual production
CSC, DOH, DOLE	OSH in the public sector



Notable OSH-Related Issuances

- CSC-DOH-DOLE JMC No. 1, s. 2020: Guidelines on Occupational Safety and Health Standards for the Public Sector
- FDCP-DOLE JMC No. 001, s. 2020: Guidelines Governing the Working Conditions and Occupational Safety and Health of Workers in the Audio-Visual Production
- DOLE-DTI JMC No. 20-04-A: DTI and DOLE Supplemental Guidelines on Workplace Prevention and Control of CoViD-19
- DOLE-DOH-DILG-DOT-DTI JMC No. 21-01: Implementing Guidelines of the Safety Seal Certification Program



OSH-Related Policies

14 Board Resolutions Issued by ECC (2019-2022)

- CoViD-19
- ECP coverage for self-employed workers
- ECP coverage for land-based OFWs
- Enhancement of certain EC programs



Notable OSH-Related Issuances

- ECC BR No. 21-04-14: Conditions for the Compensability of CoViD-19 under the ECC List of Occupational and Work-Related Disease or Annex A of the Amended Rules on Employees' Compensation (EC)
- ECC BR No. 19-03-05: Promulgating the Policy on Expanding the Coverage of Employees' Compensation Program (ECP) to the Self-Employed Compulsory Members of ECC
- ECC BR No. 19-11-42: Promulgating the Policy on Expanding the Coverage of Employees' Compensation Program (ECP) to Land-Based Overseas Filipino Workers (OFWs) Who Are Registered Members of SSS



PD 626: Employees' Compensation and State Insurance Fund

- EC Program where employees and their dependents may promptly secure adequate income benefits, and medical or related benefits in the event of work-connected disability or death
- Compulsory coverage to all employers and their employees not over 60 years old
- EC Program administered by Employees' Compensation Commission



Ratified ILO Conventions and International Treaties Related to OSH (2019-2022)

C187 – Promotional Framework for Occupational Safety and Health Convention, 2006

- Ratified on 17 June 2019 (in force)





National OSH Administration

OSH Administration in the Philippines



Promotion and Prevention

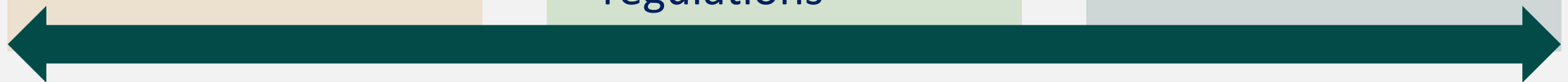
- Training
- Research
- Information Dissemination
- Technical Assistance

Enforcement and Compliance

- Development and updating of policies
- Supervision over DOLE ROs in the enforcement of labor laws and regulations

Rehabilitation and Employee Assistance

- Compensation and rehabilitation



Other Authorities Responsible for OSH

Agency	Participation in OSH
DENR	- Chemical safety - Environmental health
DOE	OSH in the energy sector
DOTr	- OSH in the transportation sector - Maritime OSH
DA	- Chemical safety, i.e., safe use of fertilizers - OSH in the fishing industry
DPWH	OSH in the construction industry
DTI	OSH in retail establishments and service industries

Agency	Participation in OSH
DILG	Implementation of OSH in the LGUs, jails, fire stations, police camps and stations
DOH	- Sanitation and environmental health - Healthy Workplace Initiative
DICT	Implementation of data sharing mechanisms on OSH among government stakeholders
PEZA	Implementation of OSH in EZs
CSC	OSH in the public sector
DOT	OSH in the tourism industry
FDCP	Safe Filming Program



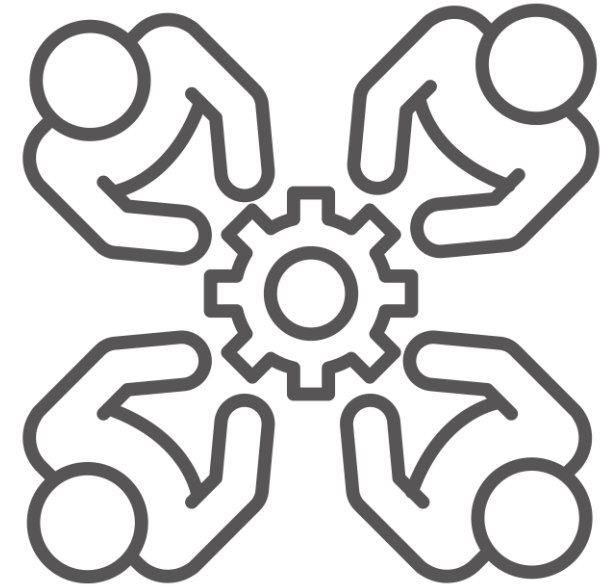


Coordination and Collaboration Mechanisms

National OSH committees

National Tripartite Industrial Peace Council

- Consultative and advisory mechanisms lodged in DOLE where labor, employers and government actively participate in decision-making process for OSH policies and strategies



RA No. 11058 and its IRR DO 198-18

Inter-Governmental Coordination and Cooperation Committee (IGC3)

- Policy, enforcement , and advocacy related to OSH



National Committees Addressing OSH Concerns

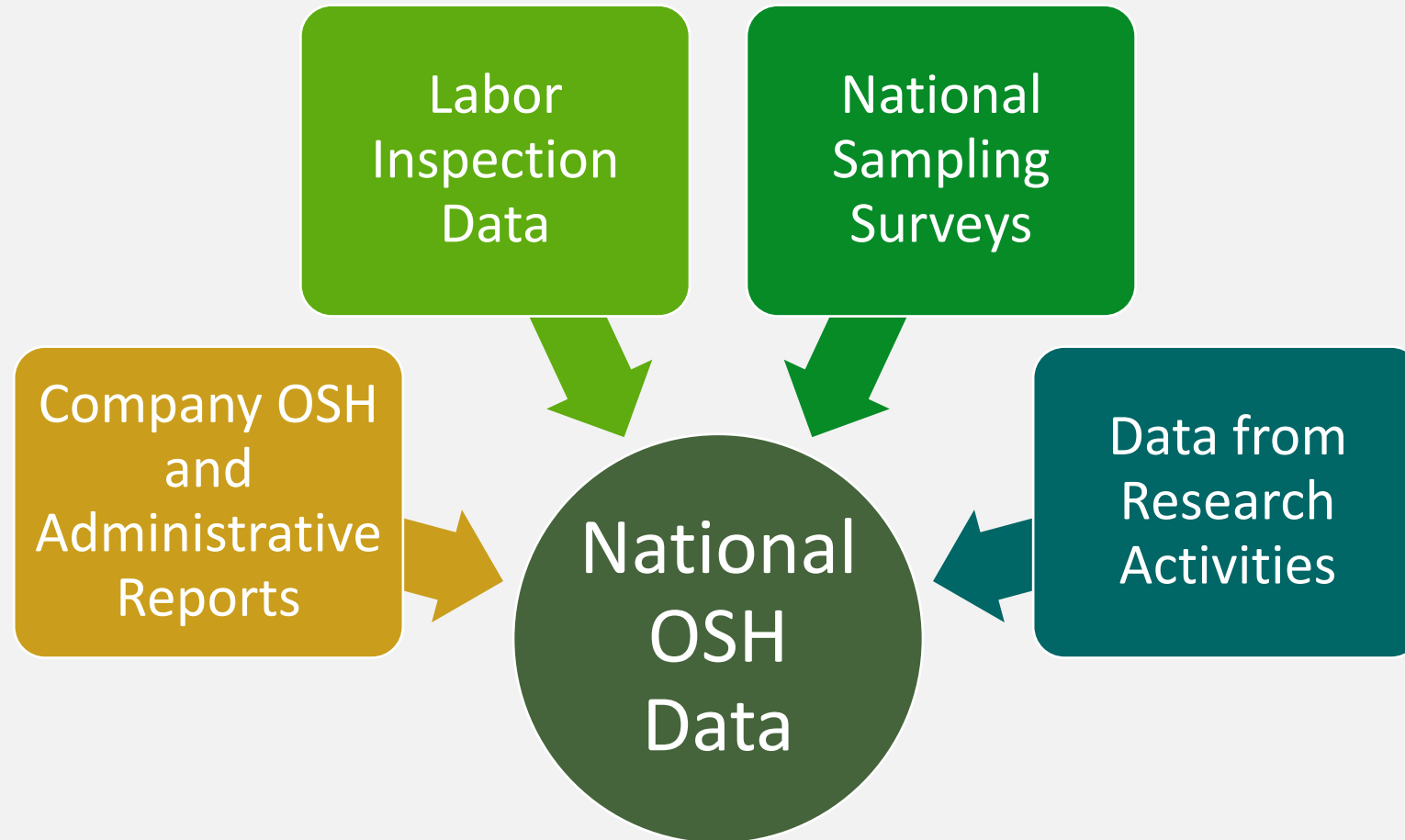
Organization	Function
Interagency Committee on Environmental Health (IACEH)	• Led by DOH • Formulates policies, guidelines and developing programs for environmental health; establishment of regional counterparts of the committee; and cooperation among agencies in generation and management of OSH-related data
Philippine National AIDS Council (PNAC)	• Headed by DOH • Develop and implement the AMTP; collaborate with organizations involved in the research and management of HIV and AIDS; and recommend policies and programs that will institutionalize or continue the interventions required in addressing the identified gaps in the national response to HIV and AIDS situation
Dangerous Drugs Board (DDB)	• Policymaking and strategy-formulating body on drug prevention and control
National Coordinating Committee (TB)	• Headed by DOH • Serves as the steering committee, coordinating, advisory and recommendatory body of the NTP for strengthening and supporting nationwide capacity for program operations and bridging collaborative efforts between public and private sectors
(DTI – BPS) TC on PPE	• Headed by DTI • Responsible in developing/adopting, implementing, and promoting Philippine National Standards, including for personal protective equipment





Mechanism for Data Collection and Analysis

Mechanisms for Data Collection and Analysis



Schedule of Submission

Legal Basis	OSH Report Form	When to File	Where to File
OSHS Rule 1050, as amended by DOLE LA 07-22	Work Accident/Illness Report	Every 30 th of the month, with or without any accidents or work-related illnesses, including CoViD-19 cases	DOLE ERS, https://reports.dole.gov.ph
OSHS Rule 1050	Fatal/Major Accident Report	Within 24 hours after the accident	2 copies to DOLE RO/FO, cc: BWC
OSHS Rule 1050	Annual Exposure Data Report	On or before January 30 of the following year	2 copies to DOLE RO/FO, cc: BWC
OSHS Rule 1960	Annual Medial Report	On or before last day of March of the following year	2 copies to DOLE RO/FO, cc: BWC



The analysis of the Annual Medical Report aims to **generate information** on the **employer-reported diseases of workers & services made available by the establishments.**

Specifically, the analysis will provide data sets on the following:

**Hazards identified
by the establishments**

2

3

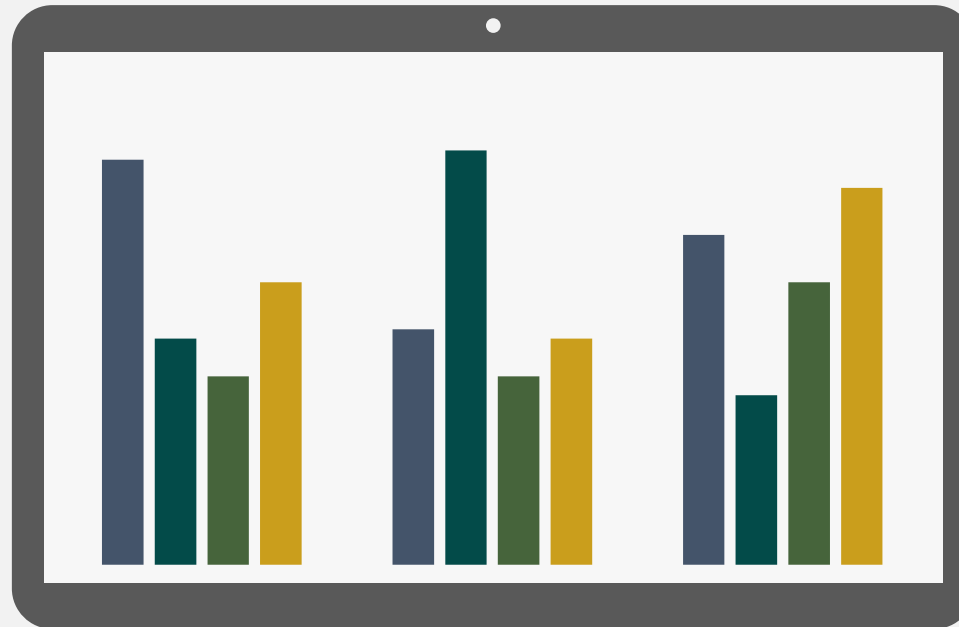
**OH personnel, services
and programs available in
the establishments**

1

**Symptoms and
diseases of workers**

4

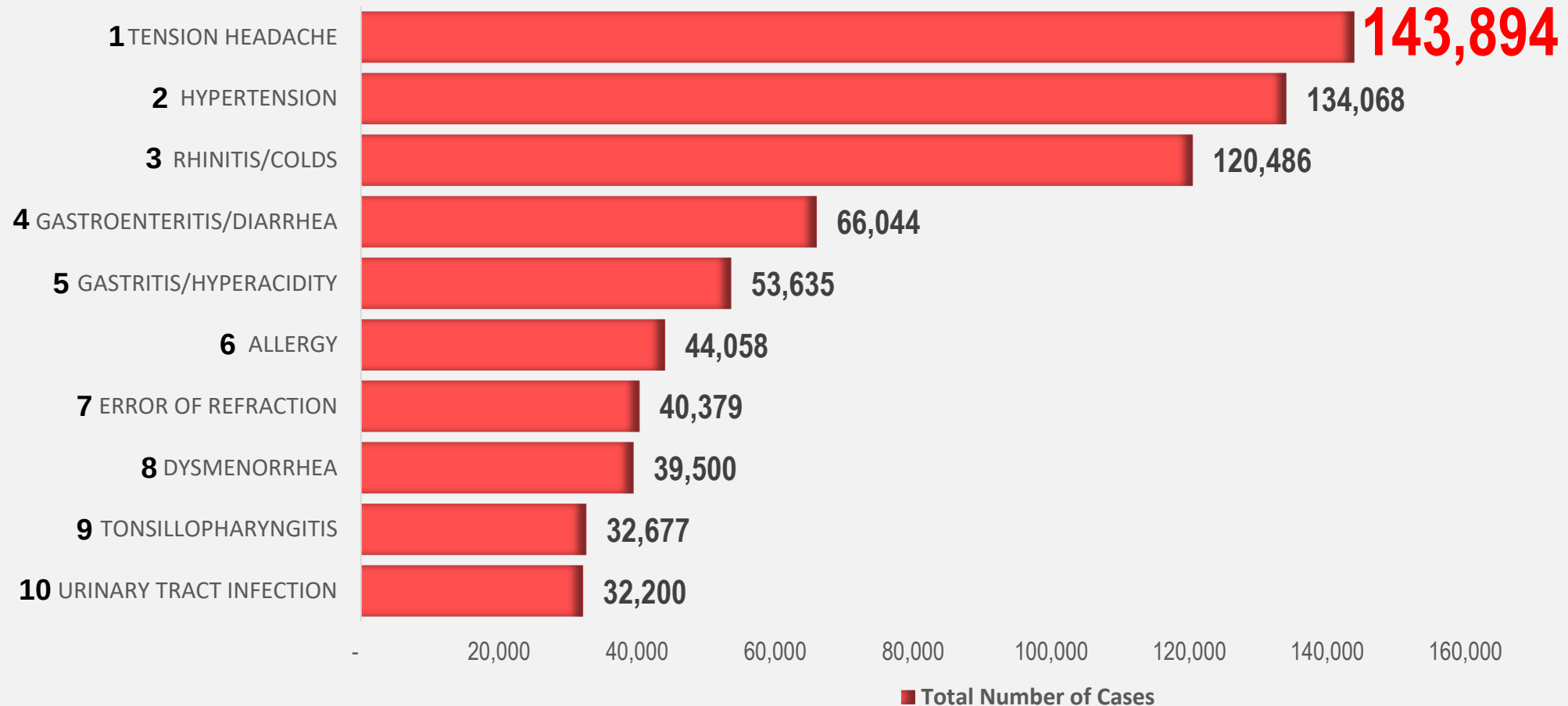
Profile of AMR compliance



Frequency Distribution of AMRs* submitted by Estabs, by Number of Workers (Reference period: 2020; OSHC)

No. of Workers	AMRs Received	Valid AMRs	
	f	f	Percentage
More than 2000	181	141	78%
501 to 2000	577	496	86%
200 to 500	803	683	85%
100 to 199	878	694	79%
51 to 99	1,119	864	77%
10 to 50	3,414	2,667	78%
Below 10	2,897	2,366	82%
No data	293	291	99%
Total	10,162	8,202	81%

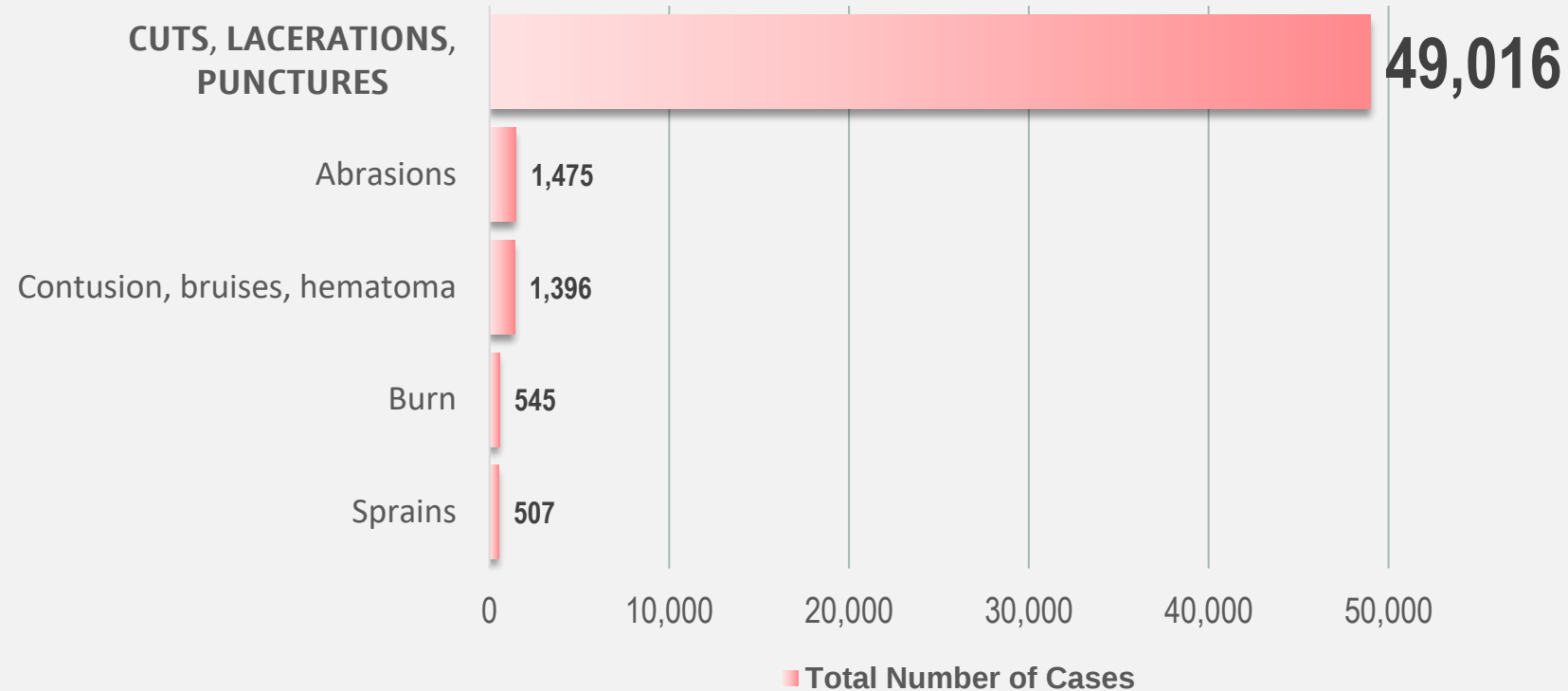
Top 10 Reported Diseases at Work



Tension headache is the leading type of illness reported in the workplace.



Top 5 Reported Accidents/Injuries at Work



97% of the total cases of **cuts, lacerations, & punctures** were reported by **Males**



Occupational Accidents and Diseases Compensation System

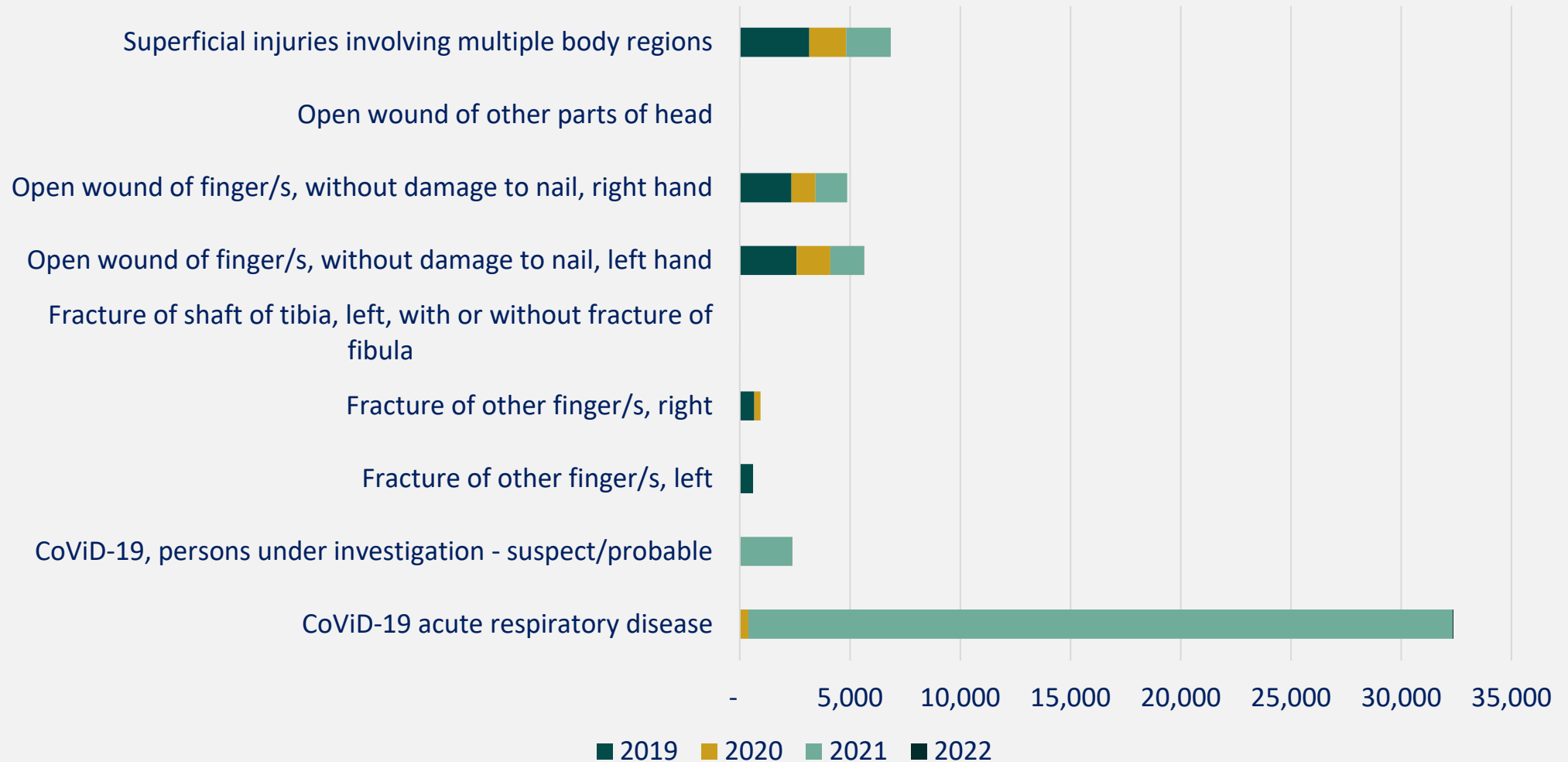
- 1,026,799 approved EC claims

Year	Sickness		Medical Services		Disability		Rehabilitation Services	
	No. of Claims	Amount (in PhP)	No. of Claims	Amount (in PhP)	No. of Claims	Amount (in PhP)	No. of Claims	Amount (in PhP)
2019	35,448	266,746,621.49	3,338	32,782,603.02	24,521	251,612,182.00	18	25,706.75
2020	24,568	198,500,297.43	2,089	26,191,104.83	21,977	207,528,915.38	5	36,061.00
2021	107,280	626,760,703.00	4,731	70,127,385.00	24,205	279,661,497.00	47	505,575.00
2022	22,167	106,920,300.00	1,878	23,194,433.00	5,138	49,624,823.00	21	117,501.00

Source: ECC



Most Common Compensated Illnesses and Injuries

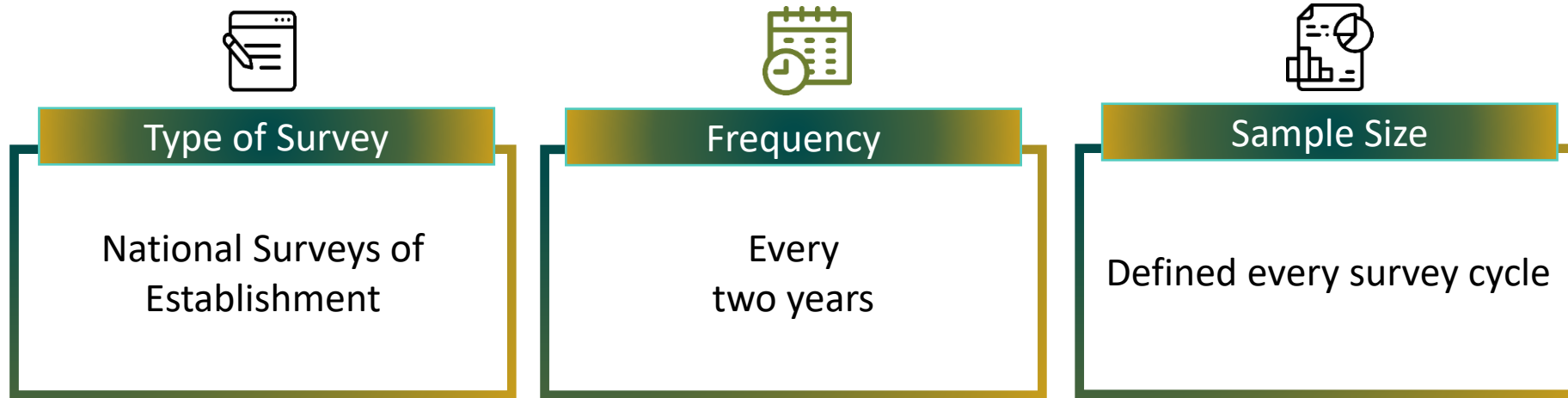


Source: ECC



Integrated Survey on Labor and Employment (ISLE)

Philippine Statistics Authority



ISLE covers different inquiries on employment, conditions of work and industrial relations, occupational injuries and diseases, occupational safety and health practices

Measures of Safety Performance

Reference Period	Frequency Rate	Severity Rate	Incidence Rate	Average Workdays Lost
2019/2020	1.26	7.61	3.07	6.17
2017/2018	1.75	9.68	4.27	5.73
2015/2016	1.94	13.57	4.74	11.17

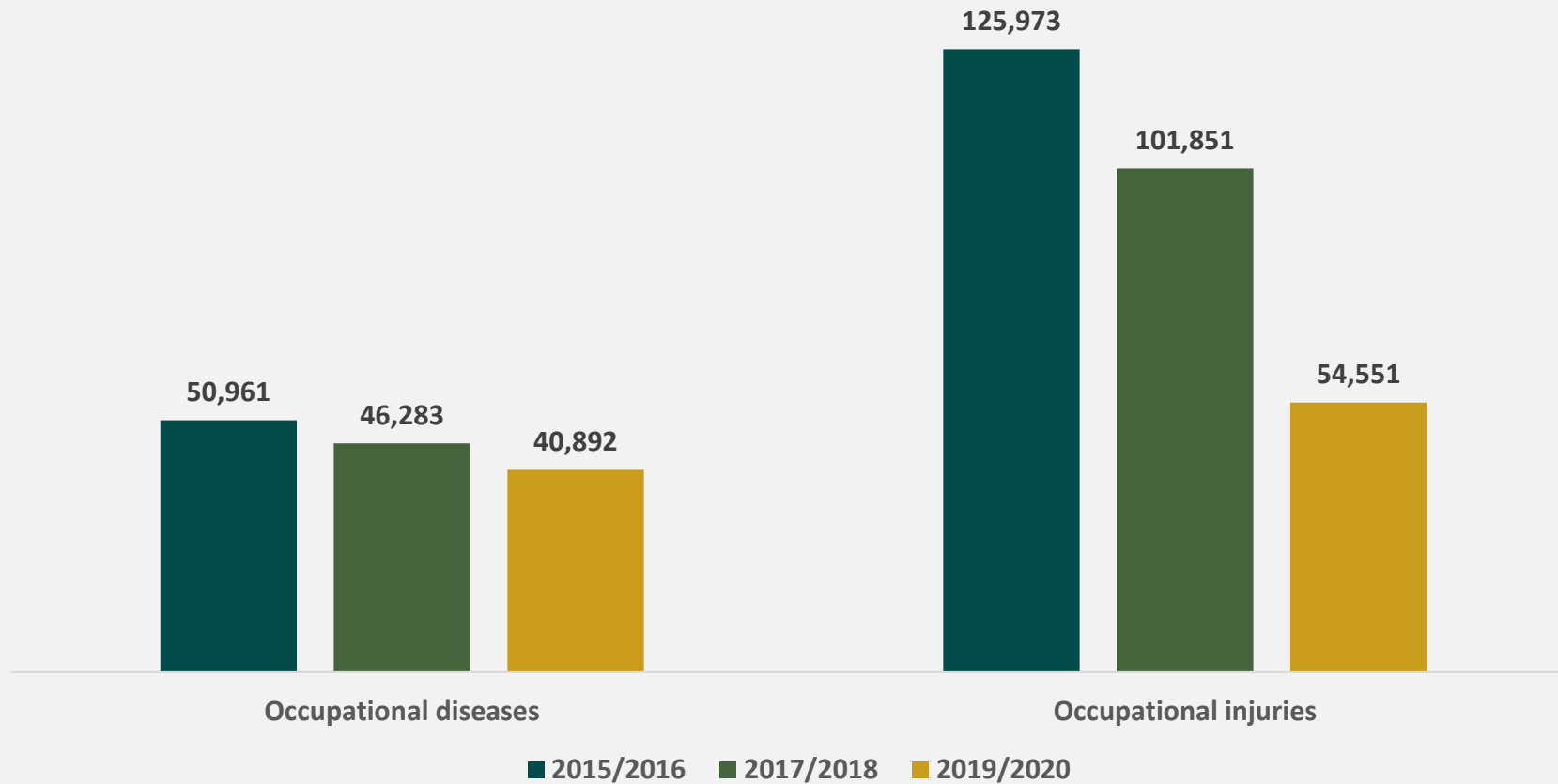
Notes:

1. Frequency Rate = (Occupational injuries with workdays lost/Total hours actually worked) * 1,000,000 hours of exposure
2. Severity Rate = (Workdays lost due to temporary incapacity/Total hours actually worked) * 1,000,000 hours of exposure
3. Incidence Rate = (Occupational injuries with workdays lost/Total employment) * 1,000
4. Average Workdays Lost = Workdays lost due to temporary incapacity/Occupational injuries resulting to temporary incapacity

Source: Integrated Survey on Labor and Employment, Philippine Statistics Authority



Occupational Injury and Disease Statistics



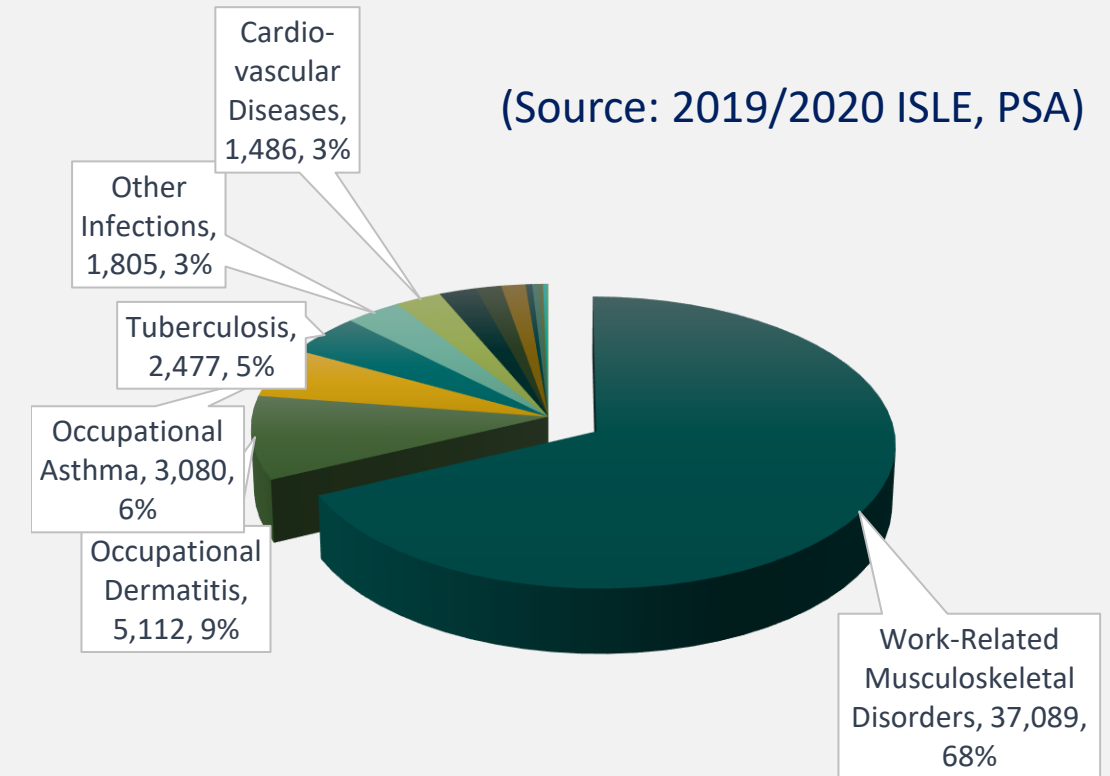
Source: Integrated Survey on Labor and Employment, Philippine Statistics Authority



OCCUPATIONAL DISEASES

All Industries (Establishments employing 20 and over)

INDICATOR	2015	2017	2019
Total Cases*	127,973	101,851	54,551
Work-Related Musculoskeletal Disorders	78,716	53,893	37,089
Occupational Dermatitis	6,196	5,349	5,112
Occupational Asthma	8,363	5,506	3,080
Tuberculosis	3,320	3,466	2,477
Other Infections	3,559	5,394	1,805
Cardiovascular Diseases	1,567	987	1,486
Other diseases	239	4,748	1,185
Occupational Lung Disease	6,602	1,309	821
Heat stroke, cramps, exhaustion	1,078	1,309	773
Occupational Kidney Disease caused by metals or solvents	190	351	214
Deafness	309	596	211
Other Diseases Caused by Chemicals	666	2,570	131
Cataract	314	313	113
Chilblain, frostbite	321	253	55

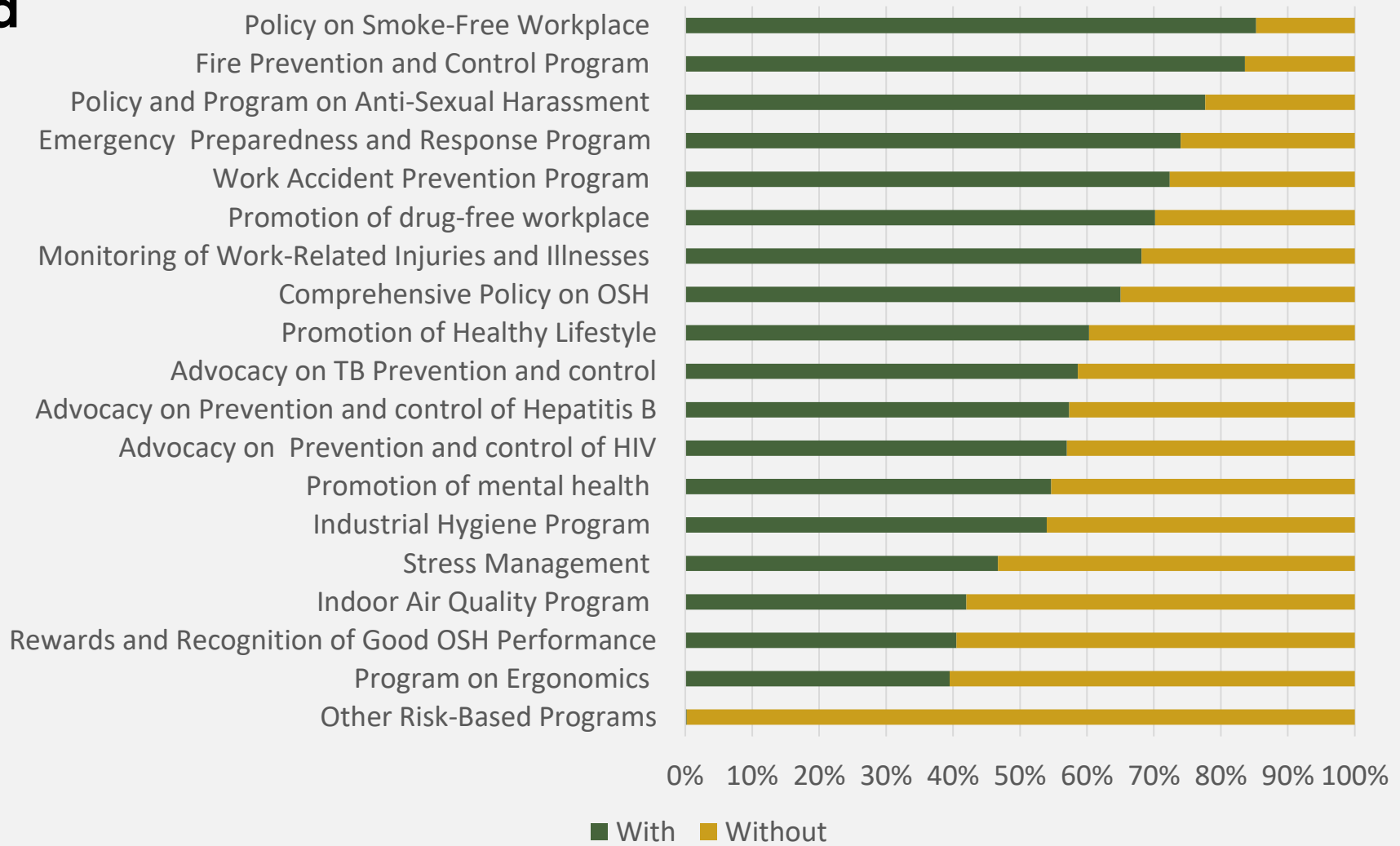


Source of data: Philippine Statistics Authority, 2015/2016,
2017/2018, 2019/2020 Integrated Survey on Labor and Employment

Occupational Safety and Health Practices: 2019 (2019/2020 Integrated Survey on Labor and Employment, PSA)

Percentage of Surveyed Establishments Employing 20 or More Workers by Occupational Safety and Health (OSH) Policy/Program Implemented, 2019/2020 ISLE

(Source: Philippine Statistics Authority, Integrated Survey on Labor and Employment)



N = 38,305 establishments





OSH Information, Training and Technical Services

OSH Training Activities

- No. of mandatory OSH training graduates from OSHC, 19 OSHNets, and 104 STOs for the years 2019 – 2022 (Source: OSHC)

Year	BOSH SO1		BOSH SO2		COSH	
	Participants	Companies	Participants	Companies	Participants	Companies
2019	7,753	5,114	8,560	5,774	4,294	2,062
2020	2,011	1,454	1,457	856	956	480
2021	24,785	17,681	1,895	1,071	1,034	504
2022	22,521	15,097	3,977	2,440	3,328	1,994

**Including OSHNets*

***Including PCOM and OHNAP under BOSH SO2*

Excluding UPM – CPH

Figures include both face-to-face and virtual training programs



OSH Training Activities

- No. of mandatory FA training graduates from 7 FATPros, June – December 2022

Training Courses					
EFA		OFA – BLS		SFA – BLS	
Participants	Companies	Participants	Companies	Participants	Companies
119	8	479	27	439	31



OSH Training Activities

OSHC Specialized/Advanced Training Courses



DOLE-Accredited STOs Advanced Training Programs

- Loss Control Management
- Safety Program and Audit Training Course
- Farm Safety Training
- Behavioral-Based Safety Training
- Forklift Safety Awareness Training
- Leadership Training on Safety
- Process Hazard Analysis Training



OSH Services

No. of Organizations Involved	Organizational Category	OSH Services Provided
29	Construction Heavy Equipment Testing Organization (CHETO)	Provided testing services for heavy equipment • Destructive Testing • Penetrant Testing • Visual Inspection and Load Testing • Dynamic Testing
29	Safety Consulting Orgs (SCO)	Provided consultancy services on OSH
21	Work Environment Measurement Providers	Provided WEM services on the following parameters: • Ventilation, heat • Organic solvents, heavy metals, acids, dust • Noise, illumination • Total bacterial and fungal counts • Gas, carbon dioxide
4	OH Diagnostic Labs	Provided biological monitoring activities on the following parameters: • Heavy metals • Organic solvents

**Data on no. of organizations involved as of 31 December 2022*



Promotional Initiatives on OSH by Government, Labor and Employer Groups, and Other Key Partners

- Webinars, fora, conventions, and the like
 - NOSH Congress
 - OSH Summits
- Development and distribution of IEC materials
- Social media interaction
- Advocacy activities
 - World Day for Safety and Health at Work every April 28
 - Occupational Medicine Week every 3rd week of March





OSH Human Resources

No. of Establishments Employing 20 or More Workers With Designated OSH Personnel

	Designated Health and Safety Personnel									
Year	Trained First-Aider	Occupational Health Nurse	Occupational Health Physician	Dentist	Industrial Hygienist	Safety Officer	Others	None	Total Establishments	Total Estabs with Designated Health and Safety Personnel
2017	26,265	8,078	5,245	1,997	223	14,926	261	4,630	32,288	27,658
2019	22,441	9,508	6,065	2,671	404	31,086	887	7,006	38,305	31,299

Source: 2017/2018, 2019/2020 Integrated Survey on Labor and Employment, Philippine Statistics Authority



Human Resources in OSH

Organization	Membership
Association of Safety Practitioners of the Philippines, Inc. (ASPPI)	5,344
Industrial Hygienist Association of the Philippines (IHAP)	95
Occupational Health Nurses Asso of the Philippines (OHNAP)	4,888
Philippine College of Occupational Medicine (PCOM)	4,385
Safety Organization of the Philippines, Inc. (SOPI)	Individual Membership - 70

**Data as of 31 December 2022*



Human Resources in OSH

- OSH Consultants and Practitioners

Category	Specialization	No. Accredited Personnel
OSH Consultant	-	429
OSH Practitioner	Construction	925
	Manufacturing	442
	Services	428
	Power generation	92
	Training services	56
	Human health activities/services	28
	Nurse	24
	Oil and gas	22
	Mineral processing	15

**Data as of 31 December 2022*





OSH Research

OSH Research (2019-2022)

Institutional Category	No. of Research Activities*	No. of Organizations
Academe	212	67
Government agency/ies	20	7
Medical Institutions	9	6
Total	241	80

- OSH
 - Ergonomics
 - CoViD-19
 - Workplace stress
 - Musculoskeletal Disorders
 - Mental health
- OSH compliance
 - Agriculture
 - Environmental health
 - Shift work
 - Pollution control
 - Farmers
 - Industrial hygiene
 - Chemical safety in the workplace
 - Work-life balance
 - HIV prevention and control in the workplace
 - Promotion of healthy lifestyle in the workplace
 - Prevention and control of other infectious diseases in the workplace
 - PPE
 - Construction safety

*Based on paper published/produced, including grey literature, OSHC research mapping 2022



No. of Institutions/Organizations Conducting OSH Research

(Based on research papers published/produced, including grey literature, 2019-2022)

- **Academe = 67**

- Mapua University
- University of the Philippines Manila, other units
- University of Santo Tomas
- Technological Institute of the Philippines
- Bestlink College of the Philippines
- Bulacan State University
- University of the Philippines Diliman, other units
- University of the Philippines – Los Baños
- De La Salle University
- University of the Philippines – Manila, College of Public Health
- University of the Philippines Open University

- **Government Agencies = 7**

- Institute for Labor Studies (ILS)
- Mines and Geosciences Bureau (MGB)
- Department of Science and Technology – Food and Nutrition Research Institute (DOST – FNRI)
- Department of Science and Technology – Philippine Nuclear Research Institute (DOST – PNRI)
- Department of Health Central Luzon – Center for Health Development
- Philippine Statistics Authority (PSA)
- Occupational Safety and Health Center (OSHC)

- **Medical Institutions = 6**

- Maria Reyna-Xavier University Hospital
- Philippine General Hospital
- Skin and Cancer Foundation
- Southern Philippines Medical Center
- University of the East Ramon Magsaysay Memorial Medical Center, Inc.
- Vicente Sotto Memorial Medical Center



Research on Occupational Safety and Health (2019-2022)

241 research articles collected

- **Academe = 190**

- Research topics

- Ergonomics
- Mental health
- General OSH
- Alternative working arrangement
- CoViD-19
- Training on OSH
- Agriculture
- Policy development and implementation
- OSH compliance
- Biological agents

- **Government Agencies = 20**

- Research topics

- Mental health
- General OSH
- Training on OSH
- OSH practices and policies
- Mining
- Lifestyle risk factors
- Health promotion
- CoViD-19
- BOSH
- Alternative Working Arrangements
- Child labor
- Risk assessment
- Nutrition
- Social Protection

- **Medical Institutions = 9**

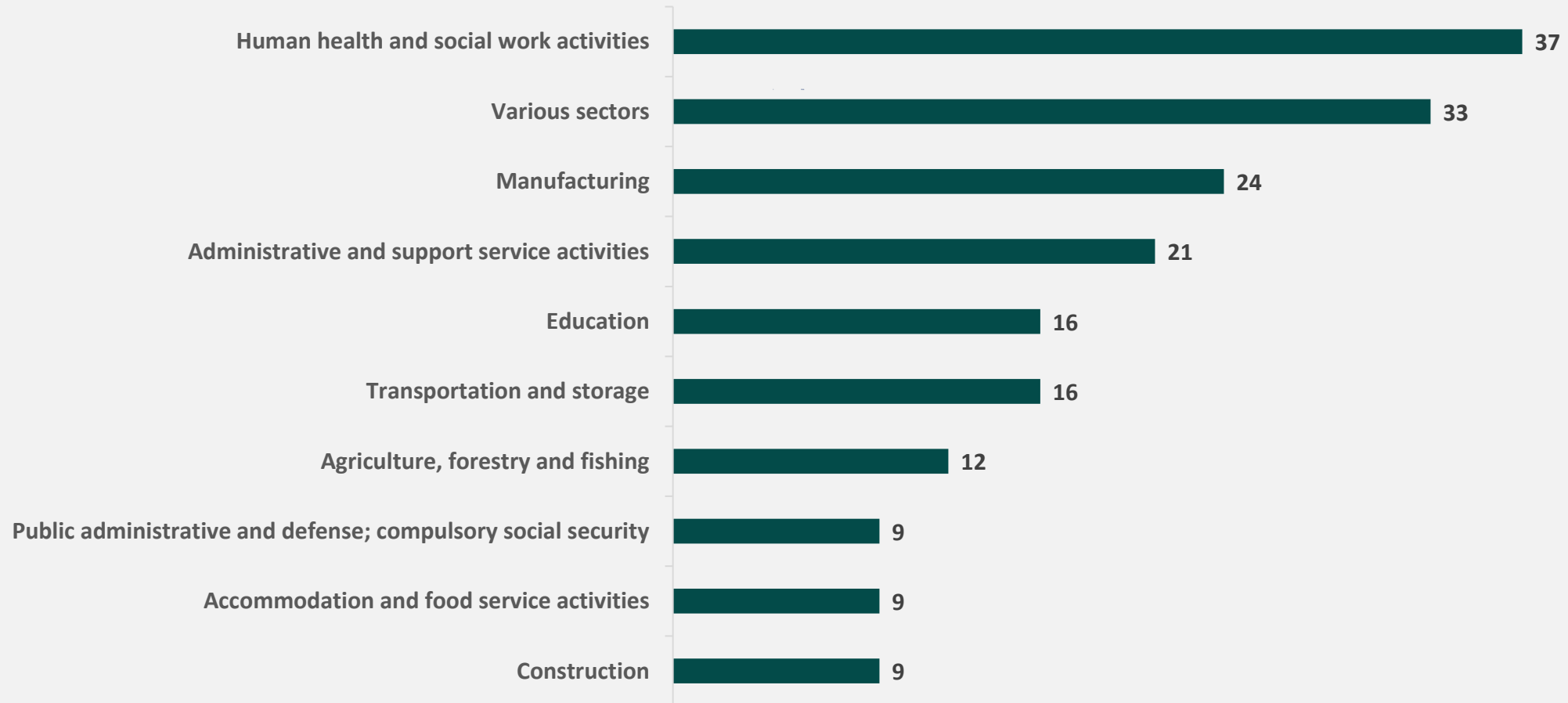
- Research topics

- Mental health
- CoViD-19
- Smoking and tobacco
- Biological agents
- Alternative working arrangement
- Agriculture



Research on Occupational Safety and Health (2019-2022)

No. of Research Studies conducted by Industry of Interest



**based on Philippine Standard Industrial Classification (PSIC) 2009*



Priority Areas



The National Occupational Safety and Health Profile: Philippines, 2019 – 2022

Priority Areas

Area	Existing Systems	Priority Areas
Policy Development and Implementation	Application of RA No. 11058 and its IRR, DOLE DO No. 198, s. 1998, to the micro- and small establishments	• Develop OSH for micro enterprises
	Implementation of CSC-DOH-DOLE JMC No. 1, s. 2020 in all government offices	• Enhance OSH guidelines appropriate for the public sector • Promote access to OSH services
	Inter-government collaboration on OSH pursuant to RA No. 11058 and its IRR, DOLE DO No. 198, s. 2018	• Create mechanisms to address policy gaps in OSH implementation • Harmonize policy and program implementation among members of IGC3



Priority Areas

Area	Existing Systems	Priority Areas
Administrative Mechanisms	Availability of OSH data from administrative reports submitted and compensation data	• Data-mine OSH information from administrative reports and compensation data • Accelerate digitalization of reporting systems
OSH Capacity	Available training programs on OSH for micro- and small establishments	Enhance support mechanisms to increase OSH capacity for micro- and small establishments
	Available OSH training programs for upgrading of competence and skills	Enhance capacity of OSH personnel to address identified risks in the workplace



Priority Areas

Area	Existing Systems	Priority Areas
Research	Research activities on OSH conducted by the academe and other organizations	• Stimulate research on OSH to cover information on new technologies, OSH vulnerable sectors, evidenced-based interventions, emerging risks • Enhance accessibility of research materials by promoting dissemination, peer-reviewed publication, etc.





Contact Us

Our site:

<http://oshc.dole.gov.ph>

Our social media:



DOLE.OSHC



OSHCenter



Occupational Safety
and Health Center



LOCATION

North Avenue corner Agham Road, Diliman, Quezon City



OUR EMAIL

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PHONE

(02) 8929-6036 to 39