

INDEX



INDEX ■

The following index is provided for readers of the *Pesticide-Related Illness and Injury Surveillance, A How-To Guide for State-Based Programs* to locate information by page number.

A

AAPCC, xi, 6, 13, 28, 90, 209, 211, 231, 237
active ingredients, 4, 6, 11, 55, 57, 76, 81,
183-184, 191-203, 217, 221, 238, 241
adjuvants, 5, 15, 20, 40, 54, 57
advisory committee, 54, 61, 93
advisory opinion, 219
affected person, 7, 14-17, 31-33, 39, 47-48,
50-52, 54-55, 58, 67, 71, 78, 87, 170, 174, 187
AFOP, xi, 245, 251
Agricultural Extension Service, 12
agricultural worker, 29, 31, 34, 82, 90, 106-107,
248-251, 258
ALT, xi, 194, 200
AMA, xi, 6, 97
analysis of data, 81-84, 87
ANR, xi, 247-248
ANSI /ASAE, xi, 89, 97
AOEC, xi, 235
APHIS, xi, 62-63
Arizona, 6, 111, 243, 251, 255
ASPCA, xi, 237
AST, xi, 194, 200
ATSDR, xi, 59, 62, 232-233, 235, 254

B

biological monitoring, 40, 89, 184
biological sampling, 70

biological specimen, 17, 20, 40, 51, 71, 184, 219

bivariate analyses, 81

BLS, xi, 23, 82

BOC, xi, 39

BPHC, xi, 249-250, 260

C

California, 6, 13-14, 17, 34, 63, 82, 89-91,
97-99, 105-107, 111, 119, 229, 233, 236,
239-241, 243, 246-249, 251-253, 255

case

ascertainment, 27-34, 49
classification, 3, 12, 40, 75-78, 183-205
closure, 38, 47-48, 75-78, 119
definition, iii, 14, 21, 27, 29, 37, 40, 47-48,
75-77, 83, 93, 183-205, 209, 211
follow-up, 20, 21, 47-54, 116, 169
intake, 38, 47-50,
investigation, 3, 11-13, 31, 33, 37, 40, 47-
64, 87-88
is reportable, 184
management, 20, 27, 231
report, 3, 11, 14, 27, 32, 37-38, 50-51, 61,
77, 93, 170, 231
series, 76, 81, 84, 92, 184, 186-187

CCOHS, xi, 230

CDC, xi, 7, 11, 13, 18-19, 38-39, 43, 90-93,
97-98, 100, 105-108, 119, 141, 187, 255, 259

CDPR, xi, 4, 13, 40, 90, 98, 229, 240-241,
243, 246, 252-253, 255

CFR, xi, 98

chemical class, 40, 81-82, 191

children, 4-5, 53, 223, 235, 248-249, 253, 258
 CIRS, xi, 249
 class of pesticide, 67, 183-184, 187, 191-192
 clusters, 52-53, 55, 258
 CME, xi, 31, 232-233
 coding systems, 38-41
 (*see also* industry/occupation codes)
 hospital, 32-34
 industry, 39
 occupation, 14, 28, 31, 39
 variable, 38-41
 confidential information, 20, 38, 41-42, 58, 68
 confidentiality, 15, 17, 19, 29, 33, 38, 42, 51, 54-55, 57-58, 69, 84
 CPS, xi, 23, 39, 82
 CPSC, xi, 64
 CSREES, xi, 62, 257
 CSTE, xi, 6, 23, 75, 98
 Current Population Survey (*see* CPS)

D

DA, xi, 17, 53, 57-59, 63, 90-92
 data
 analysis, 37-38, 41, 81-84, 87
 collection, 3, 23, 37-38, 42, 48, 50, 54, 82, 92, 119, 141, 243
 dissemination, 38, 81, 84,
 entry, 3, 38, 42, 119, 141
 management, 12, 27, 37, 42, 119, 141
 optional variables, 40
 DDT, xi, 4, 107
 death, 5, 7, 23, 28, 61, 64, 67, 106, 172, 174, 179, 210

DEET, xi, 189, 195
 demographic, 27, 29, 33, 50, 53, 229, 249-250
 denominator data, 16, 21, 23, 82
 DHHS, xi, 18-19, 237, 249
 diagnosis, 11, 15-16, 20, 27-29, 32, 40, 76, 171, 183-184, 189, 234-235
 discrimination, employment, 55
 disinfectants, 4, 15, 31, 76, 176, 231
 DO, xi, 187
 DOL, xi, 11, 14, 59, 248, 250, 258
 dose, 5, 186, 190-191, 240
 DOT, xi, 64

E

education, 3, 31, 37, 60, 62-63, 81, 87-88, 230-233, 237, 245, 247, 251-253, 257-258
 emergency department, 32, 105
 emergency response, 68, 187, 238
 employee representatives, 174
 employment data
 rate-based surveillance with, 82
 sources of, 39
 employment discrimination, 55
 EMT, xi, 76, 184, 187
 engineering control, 78, 87-89, 91
 environment, 4-5, 51, 56, 59-61, 70-71, 88, 90, 92, 217-219, 221, 224, 239, 253, 259
 EPA, xi, 4, 6-7, 13, 32, 34, 40, 43, 48, 50, 52, 55-59, 61-62, 70, 76, 88-91, 97-100, 170-171, 187, 203, 211, 217-218, 220-224, 230-232, 235, 237-241, 243, 245-246, 251-255, 258, 260
 epidemiology, 31, 234

EU, xi, 240-241

EUP, xi, 220

evaluation, 31, 87, 92-93

exposure

- acute, 5, 61, 75-76, 83, 185, 190-191, 236

- chronic, 3, 5

- intentional, 39

- mixed, 3, 57

- nonoccupational, 27, 50-51, 58-59 61, 107, 183-188, 230, 236, 252-255

- occupational, 5, 14, 16-17, 21, 23, 28-29, 31, 51-52, 54, 58-59, 69, 76 105-107, 183-188, 236

- unintentional, 5, 61, 106

exposure analyses, 70

extension service, 62, 230-231, 247, 252, 257

EXTOXNET 62, 231, 239, 240, 252

F

FAA, xi, 63

FAQ, xi, 187-191

farmworker, 28, 51-54, 82, 97, 99, 106, 119, 217, 229, 244-246, 248-252, 258, 260

FBI, xi, 64

FDA, xi, 64, 223

FFDCA, xi, 223

FGIS, xi, 62, 63, 257

field investigation, 19-20, 22, 67-71, 82, 87, 92, 161-164, 173-175 115, 161, 173

FIFRA, xi, 52, 56, 58-59, 67, 70, 76, 183, 211, 217-225, 238, 258, 260

FJF, x, 249, 251

Florida, 6, 14, 28, 53, 63, 90-91, 236, 249, 251, 255,

follow-up, 47-53, 59, 75, 78, 87-88, 116-118, 161-164

forms, 3, 33, 37, 58, 115-164

FQPA, xi, 223-224, 258

fumigants, 59, 63, 105-106, 177, 197

functional class, 40, 82, 191

funding, 7, 13, 27, 43, 67, 70, 84, 87, 259

G

GAO, iii, xi, 6, 13, 99, 249

gender (*see* Sex)

GIS, xi, 83, 84

H

HCP, xi, 11, 14, 16, 27-33, 40-41, 47-48, 51, 53-55, 57, 61, 63, 77, 81, 84, 87, 141, 170- 172, 185-189, 191, 210, 230-237, 252

HDD, xi, 33

health department, 48, 51, 54-55, 57, 59

HIPAA, xi, 18-19, 172

HRSA, xi, 260

HSDB, xii, 239

HSEES, xii, 59

I

IARC, xii, 239-241

IATP, xii, 246

ICD, xii, 29, 32-33

ICD10, 29, 32-33

ICD9, 29, 32-33
 ICU, xii, 23
 identifiers, 18-19, 21, 33, 40, 43, 171-172, 174
 illegal, 62, 64, 106
 ILO, xii, 239
 incidence, 11, 20, 23, 52, 176, 179
 indicator, 4, 23
 industry and occupation codes, 39
 inert ingredients, 15, 55-57, 238-239
 ingestion, 15, 27, 67, 105-106
 injury, pesticide, xiii, 3-7, 18, 29, 31, 75, 183, 185, 188,
 insurance data (*see* workers' compensation data)
 interagency agreement, 29, 60-61, 71
 interagency cooperation, 19, 218
 interagency coordination, 48, 60-61, 225
 intervention, iii, 11, 16, 47-48, 60-62, 87-93, 172, 209, 249
 interviews, 12, 47-48, 50-55, 67, 69, 75, 93, 119, 141, 173-175
 investigation, case 11, 16-21, 31-33, 37-38, 47-58, 60-64, 87-88, 225
 investigation, field, (*see* field investigation)
 IPCS xii, 239
 IPM, xii, 12, 62, 78, 88-89, 93, 230, 247, 252-253
 IRIS xii, 240-241

L

label, 5-7, 40, 55-56, 58, 61, 70-71, 90, 92, 217-224, 239, 241-242
 laboratories, 16, 18, 20, 33-34, 47, 71

LAN, xii, 41
 latency, 190
 LDH, xii, 194, 200
 letters, 54, 169-175
 local health department, 48, 51, 55
 lost time, 29, 40, 209-210, 214
 Louisiana, 6, 17, 53, 108, 249, 256
 LSC, xii, 251

M

MD, xii, 187
 management
 confidential information, 20, 42, 54-55, 58
 data, 12, 27, 31, 37, 41-43, 119, 141
 integrated pest management, (*see* IPM)
 manufacturer, 6, 48, 57, 61, 70, 76, 91-92, 217, 230-231, 237, 241-242
 mapping of data, 83-84
 maps, 63, 83-84, 244
 MCN, xii, 250
 medical record, 16, 48, 53-54, 67
 MHP, xii, 260
 Michigan, 6, 111, 239, 256
 Migrant farmworker, 14, 52, 54, 248-252, 258, 260
 Migrant Clinicians Network, 250
 Migrant Health Program, 249, 260
 migrant worker, (*see* migrant farmworker)
 MMWR, xii, 13, 81, 105-108
 MSDS xii, 55-57, 241-242
 MSPA, xii, 248, 258

N

- NAICS, xii, 39
 NAIN, xii, 231
 NAS, xii, 100
 NASS, xii, 244, 257
 NAWS, xii, 14, 250
 NCEH, xii, 7, 13, 43, 61-62, 187, 259
 NCFH, xii, 250, 252
 NCHS, xii, 39, 100
 NEETF, xii, 237
 New Jersey, 111, 243, 251
 New Mexico, 111, 256
 New York, 6, 14, 20, 41, 63, 82, 100, 105-106, 112, 224, 243, 245, 251, 253, 256
 NIH, xii, 240-241
 NIOSH, iii, xii, 7, 13, 23, 38-41, 43, 48, 61-62, 75, 90, 93, 99-100, 119, 141, 174, 187, 209, 211, 236, 255, 259-261
 nonoccupational exposure, (*see* exposure, nonoccupational)
 notifiable conditions, 29, 33
 notification, 48, 53, 55, 61-62, 76-78, 183, 246, 259
 - local health department, 48, 55
 - to employer, 77-78
 - to EPA, 48, 61-62
 - to manufacturer, 77-78
 - to NCEH, 61-62, 76-77
 - to NIOSH, 48, 61-62, 76-77
 - to physician, 28-29, 31, 34, 76-77
 NPHSS, xii, 40, 75, 77, 98
 NPIC, xii, 12, 13, 57, 90, 187, 231, 232, 242, 252
 NPMMP, xii, 12, 232

NSCEP, xii, 239, 243

NTP, xii, 240-241

NTSB, xii, 165

NUBC, xii, 33

NYDEC, xii, 243

O

- objectives, 11, 37, 92
 occupational exposures, (*see* exposure, occupational)
 ODA, xii, 59, 92 245
 OEHHA, xii, 233
 OHSU, xii, 245
 OPP, xii, 187, 240-241, 252, 258
 Oregon, 6, 14, 19, 59-61, 87-88, 91-92, 99-101, 112, 231, 239, 243, 245, 251, 256
 OSH Act, xi, 55, 67, 224
 OSHA, xii, 32, 59, 64, 69-70, 100, 173-174, 224, 236, 258, 260
 OSU, xii, 232, 245
 outreach, 3, 31, 61, 63, 81, 83, 88, 93, 251, 258

P

- PA, xii, 187
 PANNA, xii, 55, 236, 240-241, 243
 PAPR, xii, 70
 PARC, xiii, 61, 88, 92, 100
 passive surveillance, 20
 patient identifier, 18-19, 21, 33, 40, 43, 171-172, 174
 PCC, xiii, 12, 14, 17-18, 20, 23, 27-28, 47, 57, 61, 176-180, 231, 239

person, place, and time, 81
 personal identifiers, 18-19, 21, 38, 40, 43, 171-172, 174
 pesticide application, 5, 17, 83-84, 234, 236, 243-244, 247
 pesticide applicator, 15-16, 28, 37, 41, 48, 53-55, 57-58, 62-63, 165, 185, 188-189, 234, 243, 245-246
 pesticide manufacturers, (*see* manufacturer)
 pesticide use, 4-7, 13, 15, 16, 19
 pesticide use reporting, 16, 243-245
 PHI, xiii, 18, 19
 PIRT, xiii, 61, 112
 PISP, xiii, 90
 POISINDEX®, 55
 Poison Control Centers, (*see* PCC)
 policy, 17, 33, 56, 83, 259
 population 23, 82-83, 87, 92 176, 179-180
 PPE, xiii, 6, 39, 68, 69-70, 78, 90, 161-164, 222
 PPIS, xiii, 40, 55, 240
 PPSP, xiii, 6-7, 11-14, 16-17, 27-28, 32-33, 37-38, 40-43, 47-48, 50-51, 53-64, 67-68, 70-71, 75, 77, 81-84, 87-88, 90-93, 116, 161, 169, 229, 231, 237, 239-242, 248, 250, 254-255, 258-259
 predictive value positive, 92
 prevalence, 6, 83
 protocol, 20, 42, 48, 52, 55, 57-59, 67, 70, 75, 87, 92, 189
 case triage, 42
 data system backup, 42
 investigation, 87
 PVC, xiii, 70

Q

questionnaire, 50, 52, 54, 115, 119-141, 250

R

RN, xiii, 187
 rate(s), 11, 16, 21, 23, 39, 42, 63, 82-83, 176, 179-180, 204-205, 244
 RCW, xiii, 17, 20, 112
 records, 16, 32, 42, 47, 48, 53, 54, 67, 69, 83, 115-116, 169, 172, 174, 186, 221, 234
 duplicate, 42, 179
 electronic, 42
 emergency department, 32
 hard copy, 42
 medical, 16, 48, 53, 54, 67, 169, 172, 174, 187, 189
 pesticide application, 83, 186, 234, 243
 tracking, 38, 40-41, 43, 50, 53, 58, 61, 77, 82, 93, 115-116, 173, 211
 REDs, xiii, 238
 referral, 15, 17, 20, 32-34, 41, 47-48, 51, 57-59, 62, 68, 84, 116, 171, 231-232
 reportable condition, 17, 19, 31, 33, 171
 reporting laws, 13, 17-20, 22
 reporting rule, 13-17, 20-21, 27, 29, 33-34, 67, 111-112
 reporting statutes, 13-14, 16-17, 19-20, 27, 29, 109, 111
 reports 3, 5-6, 13-14, 17-18, 20-21, 27-29, 31-32, 34, 37, 41-42, 47-55, 59-63, 67, 75-78, 81, 83-84, 91, 93, 107, 109, 115-116, 161-168, 173-174, 181-185, 188-191, 221, 223, 229, 231, 243-244, 246, 248-253, 255, 260
 annual, 13, 61, 81, 83-84, 231, 243-244, 255

case, 3, 5-6, 14, 17-18, 20-21, 27-29, 31-32, 34, 37, 42, 47-55, 60-62, 97, 75-77, 91, 93, 115-116, 173-174, 184-8, 188, 222, 225, 231
 data, 41-42, 81, 83-84, 93, 161-169, 243-244, 249-251
 GAO, 6, 13-14, 251
 investigation, 75, 78, 93
 representativeness, 92
 risk factors, iii, 5-6, 81, 82, 83, 87, 89, 93
 route of exposure 5, 27, 39

S

samples, 20-22, 40, 53, 55, 70-71, 185, 191
 SAS, xiii, 41
 schools, 16, 19, 28, 81, 83, 88, 229, 252-253
 SDWA, xiii, 224
 sensitivity, 14, 29, 52, 92
 SENSOR, xiii, 3, 39, 83-84, 97, 119, 141, 259
 severity, 3, 23, 27, 40, 51, 57-58, 77, 81, 140, 160, 165, 175, 207, 209-211
 sex, 5, 16, 23, 38, 81-82, 179
 signs, 5, 23, 28, 40, 76, 171, 134-136, 140, 156-158, 160, 183-184, 186-187, 189-190, 192-203, 209-210, 212-214, 236
 site evaluation, 48, 51, 69
 site inspection, 48, 54, 57, 65, 67-71, 75, 78, 93, 173
 site investigation, 47, 82, 87, 173-175
 SOC, xiii, 39
 SPIDER, xiii, 3, 38, 40-43, 55, 83-84, 100, 119, 141, 241, 259
 SPPC, xiii, 119
 staff, 12-13, 32, 37-38, 42, 47-48, 50-55, 59,

67-71, 88, 92, 161, 171, 218, 230-231, 234, 245-246, 248, 250
 staffing, 11-13
 standardized variables, 3, 37-42, 209
 State health departments, 3, 17, 19, 32
 suicide, 4, 28, 76, 184
 support, iii, 13, 16-17, 19, 27, 50, 81, 232, 251, 259-260
 surveillance program, iii, ix, 3, 6-7, 11-14, 16-17, 21, 27-29, 32, 37, 40, 47-48, 67, 75, 77, 84, 87, 90-93, 119, 141, 170, 171, 217-218, 225, 255-256
 surveillance system, 3, 4, 6-8, 11, 16-17, 31-33, 37, 40, 47-48, 50, 75-77, 90, 92-93, 181, 183-184
flow diagram, 48
 symptoms, 5, 23, 28-29, 31, 40, 50, 52-53, 76-77, 134-136, 140, 156-158, 160, 183-184, 186-187, 189-190, 192-203, 209-210, 212-213, 234-237

T

TBTO, xiii, 91-92
 TESS, xiii, 4, 6, 28, 90
 Texas, xiv, 6, 14, 20, 22, 60, 106, 112, 249, 256
 timeliness, 6, 17, 23, 27, 29, 31, 33, 41, 42, 47, 61, 81, 84, 92
 toxicology, iii, 12-13, 62, 64, 76-77, 140, 160, 184, 186-187, 229-231, 233, 237-241, 252
 tracking, 15, 33, 38, 40-41, 43, 50, 53, 58, 61, 77, 82, 93, 115-116, 173, 184, 222
 training, 12, 31, 38-39, 42, 50-52, 54-55, 59, 62, 68, 69, 71, 78, 91, 218, 223, 230, 233, 236-237, 245-247, 249-251, 259-260

trends, 11, 61, 81, 83, 107, 244
time, 83

U

UB-92, xiii, 33
underreporting, 14
UNEP, xiii, 239
USDA, xiii, 62-63, 222, 223, 234, 243-244, 257
use data, (*see* pesticide use reporting)

V

variables, 3, 29, 37-42, 81, 119, 141, 209
standard variables to be collected by PPSPs, 38

W

Washington State, xiii, 6, 13-14, 17, 19-20, 34, 53, 59-62, 67 83, 88-92, 106, 112, 249-251, 256
WHO, xiii, 231, 233, 239-241, 251, 255
WHS, xiii, 246,
worker representatives, 68, 78, 173
workers' compensation, 29, 31, 33, 248-249
workers' compensation data 13-14, 17-18, 29, 30, 31, 33, 47
workers' compensation records, 47
worksite inspections, 67-71, 78, 173-175
WPS, xiii, 40, 58-59, 89, 222-223, 258
WSDA, xii, 91-92
WSDOH, xiii, 91, 92