Supplement Tables*

Boehnke KF, Sinclair R, Gordon F, et al. Trends in U.S. medical cannabis registrations, authorizing clinicians, and reasons for use from 2020 to 2022. Ann Intern Med. 9 April 2024. [Epub ahead of print]. doi:10.7326/M23-2811

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^{*} This supplementary material was provided by the authors to give readers further details on their article. The material was not copyedited.

Supplement Table 1. Data sources used to document information on cannabis dispensaries in the United States from 2020 to 2022

States from 2020 to State	2020	2021	2022
Alabama	PI	PI	PI
Alaska	ND	ND	ND
Arizona	Arizona Medical Marijuana Program, December 2020 Monthly Report	Arizona Marijuana Program, December 2021 Monthly Report	Arizona Marijuana Program, December 2022 Monthly Report
Arkansas	Arkansas Department of Health Medical Marijuana Fiscal year report: July 1, 2019 - June 30, 2020	Arkansas Department of Health Medical Marijuana Fiscal year report: July 1, 2020 - June 30, 2021	Arkansas Department of Health Medical Marijuana Fiscal year report: July 1, 2021 - June 30, 2022
California	VR	VR	VR
Colorado	Medical Marijuana Registry Program Statistics, December 2020	Medical Marijuana Registry Program Statistics, December 2021, Colorado Medical Marijuana Registry 2021 Annual Report (Physician Count)	Medical Marijuana Registry Program Statistics, December 2022, Colorado Medical Marijuana Registry 2022 Annual Report (Physician Count)
Connecticut	Connecticut Department of Consumer Protection Medical Marijuana Program Board of Physicians - Public Hearing Minutes, November 20, 2020	Connecticut State Department of Consumer Protection Medical Marijuana Statistics from website via Wayback Machine as of (11/29/21)	Connecticut State Department of Consumer Protection Medical Marijuana Statistics from website via Wayback Machine as of (11/21/22)
Delaware	Delaware Medical Marijuana Program Annual Report, Fiscal Year 2020	Delaware Medical Marijuana Program Annual Report, Fiscal Year 2021	Delaware Medical Marijuana Program Annual Report, Fiscal Year 2022
Florida	Office of Medical Marijuana Use - December 25, 2020, Florida Department of Health website Health Care Practitioner Data Portal (Physician Specialties)	Office of Medical Marijuana Use - December 31, 2021, Florida Department of Health website Health Care Practitioner Data Portal (Physician Specialties)	Office of Medical Marijuana Use - December 30, 2022, Florida Department of Health website Health Care Practitioner Data Portal (Physician Specialties)

Hawaii	State of Hawaii Department of Health Medical Cannabis Registry Program - December 31, 2020	State of Hawaii Department of Health Medical Cannabis Registry Program - December 31, 2021	State of Hawaii Department of Health Medical Cannabis Registry Program - November 30, 2022
Illinois	Illinois Department of Public Health Annual Progress Report: Compassionate Use of Medical Cannabis Patient Program, July 1, 2019 - June 30, 2020	2021 Annual Report Medical Cannabis Patient Program: Medical Cannabis Patient Program Data/Statistics FY2021	Medical Cannabis Patient Program Update October 31, 2022 via website
Louisiana	ND	ND	ND
Maine	Maine Medical Use of Marijuana Program Annual Report to the Maine State Legislature, January 1, 2020 - December 31, 2020	Maine Medical Use of Marijuana Program Annual Report to the Maine State Legislature, January 1, 2021 - December 31, 2021	Department of Administrative and Financial Services Office of Cannabis Policy State of Maine website
Maryland	Report on the Number of Medical Cannabis Clinicians, Amount of Medical Cannabis Sold, and Average Consumer Price, December 2020	Report on the Number of Medical Cannabis Clinicians, Amount of Medical Cannabis Sold, and Average Consumer Price, December 2021	Report on the Number of Medical Cannabis Clinicians, Amount of Medical Cannabis Sold, and Average Consumer Price, December 2022
Massachusetts	Cannabis Control Commission January 2021 Public Meeting Packet, data as of Dec 2020	Cannabis Control Commission: Fourth Annual Activities Report, October 14, 2021	Cannabis Control Commission Fifth Annual Activities Report, October 2022
Michigan	Michigan Marijuana Regulatory Agency December 2020 Monthly Report, Marijuana Regulatory Agency Statistical Report For Fiscal Year 2020 (Number of Physicians)	Michigan Marijuana Regulatory Agency December 2021 Monthly Report, Marijuana Regulatory Agency Statistical Report For Fiscal Year 2021 (Number of Physicians)	Cannabis Regulatory Agency December 2022 Monthly Report, Marijuana Regulatory Agency Statistical Report For Fiscal Year 2022 (Number of Physicians)
Minnesota	MN Department of Health Medical Cannabis Program update January 2021, data as of December 31, 2020	MN Department of Health Medical Cannabis Year in Review Data Tables 2021, Department of Health Minnesota Medical Cannabis Dashboard	Minnesota Medical Cannabis Dashboard Data Quarter Ending: 12/31/2022

		Data Quarter Ending: 6/30/2021 from website via Wayback Machine (8/18/2021) (Breakdown by Type of Physician)	
Mississippi	PI	PI	Mississippi Medical Cannabis Program (12/30/2022)
Missouri	Missouri Medical Marijuana Regulatory Program 2020 Annual Report	Missouri Medical Marijuana Regulatory Program 2021 Annual Report	Missouri Department of Health & Senior Services Data and Report website
Montana	Montana Medical Marijuana Program Data Dashboard December 2020, Montana Medical Marijuana Registry October 2020 (Number of Physicians)	Cannabis Control Division Montana September 2021 Dashboard Report	Cannabis Control Division EAIC Report for September 2022
Nevada	Nevada Medical Marijuana Registry Monthly Program Statistics - December 2020	Nevada Medical Marijuana Registry Monthly Program Statistics - December 2021	Nevada Medical Marijuana Registry Monthly Program Statistics - December 2022
New Hampshire	New Hampshire Department of Health and Human Services Therapeutic Cannabis Program 2020 Data Report	New Hampshire Department of Health and Human Services Therapeutic Cannabis Program 2021 Data Report	New Hampshire Department of Health and Human Services Therapeutic Cannabis Program 2022 Data Report
New Jersey	State of New Jersey Department of Health Webpage Header for Press Release from December 31, 2020, via Wayback Machine	New Jersey Cannabis Regulatory Commission Reports: Month to month patient numbers website	New Jersey Cannabis Regulatory Commission Reports: Month to month patient numbers website
New Mexico	New Mexico Department of Health Medical Cannabis Program Patient Statistics, December 2020	New Mexico Department of Health Medical Cannabis Program Patient Statistics, December 2021	New Mexico Department of Health Medical Cannabis Program Patient Statistics, December 2022
New York	December 15, 2020, statistics from The New York State Medical Marijuana Program	New York Foil Request data as of December 2021	New York State Office of Cannabis Management Inaugural Annual Report, Office of Cannabis Management website via Wayback Machine

	website via Wayback Machine		(10/21/2022) (Total Number of Physicians and Total Number of Patients)
North Dakota	Medical Marijuana Program Annual Report, Fiscal Year 2020	Medical Marijuana Program Annual Report, Fiscal Year 2021	Medical Marijuana Program Annual Report, Fiscal Year 2022
Ohio	Email communication with State Medical Board of Ohio (2/28/21), Ohio Medical Marijuana Control Program Update By The Numbers (Total Number of Physicians)	Ohio Medical Marijuana Control Program December, 2021, News Bulletin: Board of Pharmacy Publishes Updated Patient & Caregiver Numbers for December 2021, Ohio Medical Marijuana Control Program CTR Annual Physician Report 2021 (Total Number of Physicians & Breakdown of Physician by Type), Email communication with State Medical Board of Ohio (2/28/21) (Qualifying Conditions)	Ohio Medical Marijuana Control Program December, 2021, News Bulletin: Board of Pharmacy Publishes Updated Patient & Caregiver Numbers for December 2022, Ohio Medical Marijuana Control Program CTR Annual Physician Report 2021 (Total Number of Physicians & Breakdown of Physician by Type)
Oklahoma	Oklahoma Medical Marijuana Authority Report, January 5th, 2021	Oklahoma Medical Marijuana Authority Licensing and Tax Data website: Archived Licensing Data (2021), Oklahoma Medical Marijuana Authority Physicians: Registered Physicians website via Wayback Machine (12/20/2021) (Total Number of Physicians & Breakdown of Physicians by Type)	Oklahoma Medical Marijuana Authority Licensing and Tax Data website: Archived Licensing Data (2022), Oklahoma Medical Marijuana Authority Physicians: Registered Physicians website via Wayback Machine (12/30/2022) (Total Number of Physicians & Breakdown of Physicians by Type)
Oregon	Oregon Medical Marijuana Program Statistical Snapshot, January 2021	Oregon Medical Marijuana Program Statistical Snapshot, October 2021	Oregon Medical Marijuana Program Statistical Snapshot, October 2022
Puerto Rico	ND	Government of Puerto Rico Health Department	Government of Puerto Rico Health Department Medical

		Patient Statistics October 30th, 2021, Government of Puerto Rico Health Department Medical Cannabis Regulatory Board Medical Statistics October 30th, 2021 (Number of Physicians, Physician Specialties)	Cannabis Regulatory Board Patient Statistics October 3, 2022, Government of Puerto Rico Health Department Medical Cannabis Regulatory Board Medical Statistics October 3th, 2022 (Number of Physicians, Physician Specialties)
Pennsylvania	Two Year Report of the Pennsylvania Department of Health's Office of Medical Marijuana, May 15, 2020, Department of Health Medical Marijuana Approved Practitioners website via Wayback Machine (11/27/2020) (Breakdown of Physicians by Type), Serious Medical Condition (SMC) Occurrences on Medical Marijuana Certifications (by year 2017-2022) (Qualifying Conditions)	Serious Medical Condition (SMC) Occurrences on Medical Marijuana Certifications (by year 2017-2022), Department of Health Medical Marijuana Approved Practitioners website via Wayback Machine (12/29/2021) (Breakdown of Physicians by Type)	Pennsylvania Department of Health Office of Medical Marijuana Report July 2022, Department of Health Medical Marijuana Approved Practitioners website via Wayback Machine (7/21/2022) (Breakdown of Physicians by Type), Serious Medical Condition (SMC) Occurrences on Medical Marijuana Certifications (by year 2017-2022) (Qualifying Conditions)
Rhode Island	2020 Medical Marijuana Program Annual Report to the Rhode Island General Assembly	Medical Marijuana Program Annual Report to the Rhode Island General Assembly 7/1/2020-6/30/2021	Medical Marijuana Program Annual Report to the Rhode Island General Assembly 7/1/2021-6/30/2022
South Dakota	PI	PI	Medical Cannabis in South Dakota website via Wayback Machine (12/12/2022)

Utah	Utah Department of Health Cannabis Program Report, December 9, 2020	Utah Department of Health 2021 Annual Report from the Center for Medical Cannabis	Utah Department of Health and Humans Services December 2022 Report, Utah Department of Health 2022 Annual Report from the Center for Medical Cannabis (Qualifying Conditions, Podiatrist Count, Osteopathic Doctor Count)
Vermont	Vermont Medical Program Data via email communication with the Vermont Cannabis Control Board (5/18/2023)	Vermont Official State Website Department of Public Safety Marijuana Registry: Registered Dispensaries website via Wayback Machine (12/16/2021)	Vermont Medical Program Data via email communication with the Vermont Cannabis Control Board (5/18/2023)
Virginia	PI	Commonwealth of Virginia Department of Health Report on Operation of Pharmaceutical Processors and Cannabis Dispensing Facilities December 1, 2021, Virginia Department of Health Profession Registered Practitioner for Medical Cannabis website via Wayback Machine (12/28/21) (Physician Specialties)	Virginia Annual Report By The Virginia Cannabis Control Authority, December 5, 2022, Virginia Department of Health Profession Registered Practitioner for Medical Cannabis website via Wayback Machine (11/09/22) (Number of Physicians and Physician Specialties)
Washington	Washington State Department of Health Data and Statistics from website	Washington State Department of Health Data and Statistics from website	Washington State Department of Health Data and Statistics from website
Washington DC	District of Columbia Government Medical Cannabis Program Update December 29, 2020	District of Columbia Government Medical Cannabis Program Report December, 2021, District of Columbia Government Medical Cannabis Program FY21 Metrics (October 1, 2020 - September 30, 2021) (Breakdown of Physician Specialties)	District of Columbia Government Medical Cannabis Program Report December, 2022
West Virginia	PI	PI	Office of Medical Cannabis West Virginia: OMC Progress: West

Virginia OMC Stats At A Glance
website,
Office of Medical Cannabis: Find
an Approved Physician website
via Wayback Machine
(5/21/2022) (Breakdown of
Physicians by Type)

Note: ND: No available data. PI: Program inactive, resulting in no data. VR = Voluntary Registry, resulting in unreliable data.

Supplement Table 2. Qualifying conditions from states organized into the 2017 National Academies of Sciences, Engineering, and Medicine report category conditions

Condition	Classification
Opioid use disorder for which conventional	
therapeutic interventions are	
contraindicated or ineffective, or for	
which adjunctive therapy is indicated in	
combination with primary therapeutic interventions	A chicying chetinance in year of addictive substances
	Achieving abstinence in use of addictive substances Achieving abstinence in use of addictive substances
Dependence upon or addiction to opioids	
Opioid Use Disorder Recommending Marijuana In Lieu of an	Achieving abstinence in use of addictive substances
Opioid	Achieving abstinence in use of addictive substances
Opioid alternatives for pain that degrades	riome ving accomence in use of addience successions
health and functional capabilities	Achieving abstinence in use of addictive substances
Substance use disorder	Achieving abstinence in use of addictive substances
Physical/ Psychological Dependence	Achieving abstinence in use of addictive substances
Alzheimer's	Alzheimer's/Dementia
Dementia	Alzheimer's/Dementia
Agitation of Alzheimer's	Alzheimer's/Dementia
Alzheimer's: including degenerative or	
pervasive neurological condition	Alzheimer's/Dementia
Oregon Neurological (Combining	
Alzheimer's and Dementia)	Alzheimer's/Dementia
Amyotrophic Lateral Sclerosis (ALS)	Amyotrophic Lateral Sclerosis
Lateral sclerosis	Amyotrophic Lateral Sclerosis
Anxiety	Anxiety
	Cancer: includes cancer, terminal cancer, cancer treatment, and malignant neoplasm (cancer), cancer or
Cancer, including remission therapy	treatment
cancer, merading remission dierapy	Cancer: includes cancer, terminal cancer, cancer
	treatment, and malignant neoplasm (cancer), cancer or
Malignant Neoplasm (Cancer)	treatment
	Cancer: includes cancer, terminal cancer, cancer
	treatment, and malignant neoplasm (cancer), cancer or
Cancer	treatment Cancer: includes cancer, terminal cancer, cancer
	treatment, and malignant neoplasm (cancer), cancer or
	treatment
	Cancer: includes cancer, terminal cancer, cancer
	treatment, and malignant neoplasm (cancer), cancer or
Terminal Illness: cancer	treatment
~	Cancer-associated anorexia cachexia and anorexia
Cachevia including severe	nervosa
Cachexia: including severe anorexia/cachexia, cachexia or wasting	Cancer-associated anorexia cachexia and anorexia
syndrome	nervosa
5,1141,51116	1101 · 000

Cancer-associated anorexia cachexia and anorexia Cachexia or Wasting Syndrome nervosa Cancer-associated anorexia cachexia and anorexia Anorexia nervosa or Cachexia Cancer-associated anorexia cachexia and anorexia Cancer-associated anorexia cachexia and anorexia nervosa nervosa Cancer-associated anorexia cachexia and anorexia nervosa Chemotherapy induced anorexia Cancer-associated anorexia cachexia and anorexia Wasting Syndrome nervosa Moderate to severe vomiting Chemotherapy-induced nausea and vomiting Nausea: severe nausea, nausea, intractable nausea, constant or severe nausea, intractable nausea/vomiting, constant or severe nausea Chemotherapy-induced nausea and vomiting Chemotherapy-induced nausea and vomiting Severe Nausea Intractable nausea or vomiting Chemotherapy-induced nausea and vomiting Nausea Chemotherapy-induced nausea and vomiting Vomiting: includes moderate to severe vomiting Chemotherapy-induced nausea and vomiting Chronic Pain Chronic Pain Moderate to Severe Chronic Pain Chronic Pain Chronic Inflammatory Demyelinating Polyneuropathy Chronic Pain Severe debilitating pain Chronic Pain Intractable pain which is pain that has not responded to ordinary medications, treatment or surgical measures for more than six (6) months Chronic Pain Chronic Pain: severe pain, intractable pain, severe and chronic pain, , severe chronic pain Chronic Pain CRPS-Chronic Regional Pain Syndrome Chronic Pain Type II Fibromyalgia Chronic Pain **Interstitial Cystitis** Chronic Pain Neuropathic pain: including neuropathies Chronic Pain Painful peripheral neuropathy Chronic Pain Painful peripheral neuropathy: includes peripheral neuropathy Chronic Pain Reflex Sympathetic Dystrophy - Chronic Regional Pain Syndrome Type I Chronic Pain Intractable pain Chronic Pain Neuropathic condition, whether or not such condition causes seizures Chronic Pain Neuropathy Chronic Pain Neuropathies Chronic Pain Severe and Chronic pain Chronic Pain

Chronic Pain Severe Chronic pain Chronic Pain Severe, debilitating chronic pain Severe or chronic pain Chronic Pain Severe pain Chronic Pain Severe pain that has not responded to treatment (there should be 2) Chronic Pain severe pain that has not responded to Chronic Pain treatment Spinal stenosis or chronic back pain Chronic Pain Residual Limb Pain Chronic Pain Pain - persistent Chronic Pain Pain that is either chronic and severe or intractable Chronic Pain Depression (in the context of chronic pain) Depression in context of chronic pain Cervical Dystonia Dystonia Dystonia Dystonia Spasmodic torticollis (cervical dystonia) Dystonia **Epilepsy Epilepsy** Debilitating seizures **Epilepsy** Epilepsy: includes epilepsy/intractable seizure disorder **Epilepsy** Seizures, including, without limitation, seizures caused by epilepsy **Epilepsy** Seizures **Epilepsy**

Epilepsy/Seizure Disorder Seizures: seizures, seizure disorder, seizure disorders (including those characteristic of

epilepsy), seizures - epilepsy
Glaucoma
Glaucoma: includes glaucoma or treatment
Elevated Intraocular Pressure
Hepatitis C

Epilepsy
Glaucoma
Glaucoma
Hepatitis C

Hepatitis C

Hepatitis C (includes hepatitis C currently receiving antiviral treatment or under

treatment) Hepatitis C
HIV or AIDS HIV/AIDS
AIDS HIV/AIDS
HIV/AIDS HIV/AIDS
HIV HIV/AIDS

Huntington's Disease Huntington's disease

Inflammatory autoimmune-mediated

arthritis: includes arthritis

Lupus

Inflammatory autoimmune-mediated arthritis

Inflammatory autoimmune-mediated arthritis

Rheumatoid Arthritis

Inflammatory autoimmune-mediated arthritis

Sjogren's Syndrome

Inflammatory autoimmune-mediated arthritis

Inflammatory autoimmune-mediated arthritis

Epilepsy

Severe Arthritis Inflammatory autoimmune-mediated arthritis

Multiple sclerosis

Multiple sclerosis

Multiple sclerosis

Colitis Irritable Bowel Syndrome

Inflammatory bowel disease: includes "inflammatory bowel disease, including

Crohn's disease" Irritable Bowel Syndrome Inflammatory Bowel Disease Irritable Bowel Syndrome Irritable Bowel Syndrome Irritable Bowel Syndrome Ulcerative colitis Irritable Bowel Syndrome Crohn's Disease Irritable Bowel Syndrome

Enfermedades Inflamatorias Irritable Bowel Syndrome

Damage to the nervous tissue of the central nervous system (brain-spinal cord) with objective neurological indication of

intractable spasticity, and other associated

neuropathies

Other conditions that cause persistent Multiple sclerosis muscle spasms

Central Nervous System Disorder Multiple sclerosis

Central Nervous System Disorder

Resulting in Chronic Pain Spasticity or Muscle Spasms

Multiple sclerosis Persistent Muscle Spasms Multiple sclerosis Muscle Spasms

Muscle Spasms, including, without

Limitation, Spasms Caused by Multiple Multiple sclerosis

Sclerosis

Intractable skeletal spasticity: including spinal cord damage with intractable Multiple sclerosis spasticity

Multiple sclerosis Multiple sclerosis Multiple sclerosis Severe or Persistent Muscle Spasms

Muscle Spasms: includes severe, persistent muscle spasms, central nervous system disorder resulting in chronic, painful spasticity or muscle spasms, spasms,

Muscle spasms including, without limitation, spasm caused by multiple sclerosis

disorder

Multiple sclerosis Sclerosis

Obstructive Sleep Apnea Obstructive Sleep Apnea Parkinson's Disease Parkinson's disease

Post-Traumatic Stress Disorder Post-Traumatic Stress Disorder

Moderate to severe post-traumatic stress

Spinal cord injury: includes damage to nervous tissue of

Post-Traumatic Stress Disorder

the spinal cord Spinal Cord Disease or Injury

Spinal cord injury: includes damage to nervous tissue of

Spinal Cord Lesion the spinal cord

Spinal cord injury: includes damage to nervous tissue of Spinal Cord Injury the spinal cord Spinal cord injury: includes damage to nervous tissue of Spinal Cord Disease/Arachnoiditis the spinal cord Spinal cord injury: includes damage to nervous tissue of Damage to nervous tissue of the spinal cord the spinal cord Tourette's Syndrome Tourette's syndrome Brain injury Traumatic brain injury Chronic Traumatic Encephalopathy Traumatic brain injury Traumatic Brain Injury and Post-Concussion Syndrome Traumatic brain injury Traumatic brain injury Traumatic brain injury Dyskinetic and spastic movement disorders All Other Conditions Misc Neurodegenerative Diseases All Other Conditions Misc Other Chronic Medical Conditions (not defined) All Other Conditions Misc Acute Pain - Other All Other Conditions Misc All Other Conditions Misc All Other Conditions Misc Terminal Illness (not including cancer) All Other Conditions Misc Enfermedades incurables (this means terminal illness) All Other Conditions Misc Terminal illness All Other Conditions Misc Admittance into hospice care All Other Conditions Misc All Other Conditions Misc Hospice Muscular dystrophy NOT NASEM All Other Conditions Misc Autism All Other Conditions Misc Autoimmune disease All Other Conditions Misc All Other Conditions Misc Anorexia Nervosa Arnold Chiari Malformation: includes Arnold-Chiari malformation and All Other Conditions Misc syringomyelia Bipolar Disorder All Other Conditions Misc Bulimia Nervosa All Other Conditions Misc Causalgia All Other Conditions Misc Cerebral palsy All Other Conditions Misc Chronic or Debilitating Disease or Condition All Other Conditions Misc Chronic Pancreatitis All Other Conditions Misc Chronic Vocal or Motor Tic Disorder All Other Conditions Misc Decompensated cirrhosis All Other Conditions Misc Depression All Other Conditions Misc Ehlers-Danlos Syndrome All Other Conditions Misc Endometriosis All Other Conditions Misc Fibrous Dysplasia All Other Conditions Misc Friedreich's Ataxia All Other Conditions Misc

All Other Conditions Misc

Hydrocephalus

Inclusion Body Myositis All Other Conditions Misc Insomnia All Other Conditions Misc Lewy Body Disease All Other Conditions Misc Migraine All Other Conditions Misc "Multiple Conditions": including 2 or more conditions All Other Conditions Misc Myasthenia Gravis All Other Conditions Misc Myoclonus All Other Conditions Misc Nail-patella Syndrome All Other Conditions Misc Neuro-Bechet's Autoimmune Disease All Other Conditions Misc Neurobiological All Other Conditions Misc Neurofibromatosis All Other Conditions Misc Obsessive Compulsive Disorder All Other Conditions Misc One or more injuries or conditions that has resulted in one or more qualifying symptoms All Other Conditions Misc One or more injuries All Other Conditions Misc Osteoarthritis All Other Conditions Misc Other: either combined conditions so unable to distinguish (Montana as "Cancer, Glaucoma, or HIV (AIDS)") or listed as "other" in report All Other Conditions Misc All Other Conditions Misc Persistent headache Polycystic Kidney Disease All Other Conditions Misc **Psychiatric Disorders** All Other Conditions Misc **Psychiatric Conditions** All Other Conditions Misc Rare Condition All Other Conditions Misc Sickle Cell Disease All Other Conditions Misc All Other Conditions Misc Sickle Cell Anemia Spinal Muscular Atrophy All Other Conditions Misc Spinal Cord Disease - hydromyelia All Other Conditions Misc Spinal Cord Disease - other All Other Conditions Misc All Other Conditions Misc Spinocerebellar Ataxia Superior Canal Dehiscence Syndrome All Other Conditions Misc Syringomyelia All Other Conditions Misc Tarlov cysts All Other Conditions Misc

Supplement Table 3. Clinician classification categorized by specialty and degree

Clinician Classification	Specialty	Degree
Addiction and Chronic Pain Psychiatrist	Anesthesia or Pain Specialty	-
Addiction Medicine	Psychiatry or Addiction	-
Addiction Psychiatry	Psychiatry or Addiction	-
Addiction Psychiatry, General Adult		
Psychiatry and Addition Medicine	Psychiatry or Addiction	-
Addiction Recovery	Psychiatry or Addiction	-
Addictive Medicine	Psychiatry or Addiction	-
Addition Medicine, Psychiatry and	B 11	
Addiction Psychiatry	Psychiatry or Addiction	-
Adult and Child Psychiatry	Psychiatry or Addiction	-
Adult General Psychiatry (Addiction)	Psychiatry or Addiction	-
Adult Internal Medicine	Internal, Family, and allied specialties	-
Adult Neurology and Epilepsy	Internal, Family, and allied specialties	-
Adult Psychiatry	Psychiatry or Addiction	-
Adult Psychiatry and Child and	B 111	
Adolescent Psychiatry	Psychiatry or Addiction	-
Adult, Child and Adolescent Psychiatry and Pediatrics	Psychiatry or Addiction	
Advanced Practice Registered Nurses or	r sychiatry of Addiction	Nurse (NP, APRN,
APRN	_	Midwife)
Age Management Medicine and		1111411111)
Gynecology	OBGYN	-
Allergy Immunology	Internal, Family, and allied specialties	-
AN - Pain Management	Anesthesia or Pain Specialty	-
AN - Pediatric Anesthesiology	Anesthesia or Pain Specialty	-
Anesthesia and Pain Management	Anesthesia or Pain Specialty	-
Anesthesiology and Interventional Pain		
Management	Anesthesia or Pain Specialty	-
Anesthesiology and Pain Management	Anesthesia or Pain Specialty	-
Anesthesiology and Pain Medicine	Anesthesia or Pain Specialty	-
Anesthesiology and Pain Medicine		
Anesthesiologist and Interventional Pain	A d · D· G · b	
Specialist	Anesthesia or Pain Specialty	-
Anesthesiology or Anesthesia	Anesthesia or Pain Specialty	-
CAR - Cardiovascular medicine	Internal, Family, and allied specialties	-
Cardiac Electrophysiology	Internal, Family, and allied specialties	-
Cardiology	Internal, Family, and allied specialties	-
Cardiovascular Medicine	Internal, Family, and allied specialties	-
Child and Adolescent Psychiatrist	Psychiatry or Addiction	-
Child, Adolescent and Adult Psychiatrist	Daniel Latine and Addition	
and Addiction Specialist	Psychiatry or Addiction	-
Chronic Pain Management	Anesthesia or Pain Specialty	-
Clinical Pathology	Other Specialization	-

CPP - Pediatrics/Psychiatry/Child and Adolescent	Psychiatry or Addiction	-
Critical Care Internal Medicine	Internal, Family, and allied specialties	-
Dentist	-	Dentist
Dermatology	Internal, Family, and allied specialties	_
Dermatology and Internal Medicine	Internal, Family, and allied specialties	_
DR - Diagnostic Radiology	Other Specialization	-
DR - Vascular and Interventional	1	
Radiology	Other Specialization	-
EM - Sports Medicine	Emergency Medicine	-
Emergency Medicine and Medical		
Toxicology	Emergency Medicine	-
Emergency Medicine and Rehabilitation	Emergency Medicine	-
Emergency Medicine Family Medicine	Emergency Medicine	-
Emergency Medicine Family Medicine	Emanaganay Madisina	
Orthopedics Emergency Medicine or Emergency	Emergency Medicine	-
Physician	Emergency Medicine	_
Endocrinology	Internal, Family, and allied specialties	-
Endocrinology Metabolism	Internal, Family, and allied specialties	-
Endocrinology, Diabetes and	1	
Metabolism	Internal, Family, and allied specialties	-
ENT	Surgery and allied specialties	-
Epilepsy and Seizure Disorder	Internal, Family, and allied specialties	-
Epileptology Neurologist	Internal, Family, and allied specialties	-
Family and Geriatrics	Internal, Family, and allied specialties	-
Family and Maternity Medicine	Internal, Family, and allied specialties	-
Family and Sports Medicine	Internal, Family, and allied specialties	-
Family Doctor and Medicine	Internal, Family, and allied specialties	-
Family Hospice and Palliative Care	Palliative Care	-
Family Medicine	Internal, Family, and allied specialties	-
Family Medicine and Addiction	B 11 / A 11 /	
Medicine Esmily Medicine and Hagnian and	Psychiatry or Addiction	-
Family Medicine and Hospice and Palliative Medicine	Palliative Care	_
Family Medicine and Internal Medicine	Internal, Family, and allied specialties	_
Family Medicine and Narcotics	internal, I aminy, and amod speciations	
Addiction	Psychiatry or Addiction	-
Family Medicine and Osteopathic		
Manipulation	Internal, Family, and allied specialties	-
Family Medicine and Pain Medicine	Anesthesia or Pain Specialty	-
Family Medicine with Osteopathic	Later of Francisco and allied an existing	
Manipulative Medicine Family Medicine, Geriatric Specialist	Internal, Family, and allied specialties	-
and Wound Care	Internal, Family, and allied specialties	_
Family Medicine, Geriatrics and Hospice	,, , and amou specialities	
and Palliative Care	Palliative Care	-

Family Madiaina Cariatrias and		
Family Medicine, Geriatrics and Occupational Medicine	Internal, Family, and allied specialties	
Family Medicine, Hospice and Palliative	internal, Family, and affied specialties	-
Care	Palliative Care	_
Family Medicine, Neuromusculoskeletal		
and Acupuncture	Internal, Family, and allied specialties	_
Family Medicine, Neuromusculoskeletal		
Medicine and Osteopathic Manipulative		
Medicine and Integrative and Holistic		
Medicine	Internal, Family, and allied specialties	-
Family Medicine, Pain Management and	Amenda and Dain Constitute	
Addiction Medicine	Anesthesia or Pain Specialty	-
Family Medicine/OMT with a CAQ in Primary Care Sports Medicine	Internal, Family, and allied specialties	
Family Practice	Internal, Family, and allied specialties	-
•	Internal, Family, and allied specialties	-
Family Practice & OMT	-	-
Family Practice and Addiction Services	Psychiatry or Addiction	-
Family Practice and Geriatrics	Internal, Family, and allied specialties	-
Family, Geriatric and Pain Medicine Female Urology, Neurology and Pelvic	Anesthesia or Pain Specialty	-
Medicine Reconstruction	Internal, Family, and allied specialties	_
FPP - Psychiatry/Family Practice	Psychiatry or Addiction	_
Functional and Integrative Medicine	Internal, Family, and allied specialties	
Functional Medicine	Internal, Family, and allied specialties	_
Gastroenterology	Internal, Family, and allied specialties	-
	· -	-
General and Addiction Psychiatry	Psychiatry or Addiction	-
General and Child/Adolescent Psychiatry	Psychiatry or Addiction	-
General and Family Practice	Internal, Family, and allied specialties	-
General Internist	Internal, Family, and allied specialties	-
General Medicine General Medicine and Addiction	Internal, Family, and allied specialties	-
Medicine Medicine	Psychiatry or Addiction	_
General Pediatrics	Pediatrics and allied specialties	
General Practice	Internal, Family, and allied specialties	_
General Practice and CT Surgery	Surgery and allied specialties	-
General Practice, Physical Medicine and	Surgery and affect speciatics	-
Rehabilitation	PMR	_
General Practitioner	Internal, Family, and allied specialties	_
General Practitioner and General	internation of committees	
Medicine	Internal, Family, and allied specialties	-
General Surgeon	Surgery and allied specialties	-
Generalist	Internal, Family, and allied specialties	-
Geriatric Medicine	Internal, Family, and allied specialties	-
Geriatric Medicine Family	Internal, Family, and allied specialties	-
Geriatric Medicine Internal	Internal, Family, and allied specialties	-
Geriatric Psychiatry	Psychiatry or Addiction	_
Geriatrics	Internal, Family, and allied specialties	_

	T	
Geriatrics and Family Medicine	Internal, Family, and allied specialties	-
GRM Preventative Medicine	Internal, Family, and allied specialties	-
GS - Vascular Surgery	Surgery and allied specialties	-
Gynecological Oncology	OBGYN	-
Gynecologist or Gynecology	OBGYN	-
Gynecology and Oncology	OBGYN	-
Gynecology and Reproductive Endocrinology	OBGYN	
	OBGYN	-
Gynecology and Urogynecology Hematology	Internal, Family, and allied specialties	-
	*	-
Hematology and Medical Oncology	Internal, Family, and allied specialties	-
Hematology and Oncology	Internal, Family, and allied specialties	-
Hematology Oncology	Internal, Family, and allied specialties	-
Hepatology	Internal, Family, and allied specialties	-
HIV (Infectious Disease)	Internal, Family, and allied specialties	- Physician
		Unspecified (MD
Home-Visit Physician	-	or DO)
Hospice	Palliative Care	<i>-</i>
Hospice and Palliative Medicine	Palliative Care	_
HPM - Hospice and Palliative Medicine	Palliative Care	_
IC - Interventional Cardiology	Internal, Family, and allied specialties	_
IM - Cardiovascular Disease	Internal, Family, and allied specialties	_
Infect ologist	Internal, Family, and allied specialties	_
Infectious Disease	Internal, Family, and allied specialties	_
Integrative and Internal Medicine	Internal, Family, and allied specialties	_
Integrative Medicine	Internal, Family, and allied specialties	_
Internal Medicine	Internal, Family, and allied specialties	_
Internal Medicine Addiction Medicine	Psychiatry or Addiction	_
Internal Medicine and Addiction	1 sy oniawy of 1 fautorion	
Medicine	Psychiatry or Addiction	-
Internal Medicine and Cardiovascular		
Diseases	Internal, Family, and allied specialties	-
Internal Medicine and Emergency	T. 17 9 1 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Medicine Internal Medicine and Functional	Internal, Family, and allied specialties	-
Medicine	Internal, Family, and allied specialties	_
Internal Medicine and Gastroenterology	Internal, Family, and allied specialties	_
Internal Medicine and Gastroenterology	memai, i anniy, and amed speciaties	_
Family Practice and Geriatrics	Internal, Family, and allied specialties	_
Internal Medicine and Geriatric	, , , , , , , , , , , , , , , , , , , ,	
Medicine	Internal, Family, and allied specialties	-
Internal Medicine and Hospice and		
Palliative Care	Internal, Family, and allied specialties	-
Internal Medicine and Rheumatology	Internal, Family, and allied specialties	-
Internal Medicine and Sub-specialty of Geriatrics	Internal Family and allied enecialties	
Ochaules	Internal, Family, and allied specialties	-

Internal Medicine Gastroenterology Internal Medicine, Geriatric Medicine	Internal, Family, and allied specialties	-
and Dermatology Internal Medicine, Hematology and	Internal, Family, and allied specialties	-
Immunology Internal Medicine, Hematology and	Internal, Family, and allied specialties	-
Medical Oncology Internal Medicine, Infectious Diseases	Internal, Family, and allied specialties	-
and Addiction Medicine Internal Medicine, Rheumatology, Pain	Internal, Family, and allied specialties	-
Medicine and Integrative Medicine	Anesthesia or Pain Specialty	-
Internist (general practitioner)	Internal, Family, and allied specialties	_
Internist/General Practitioner	Internal, Family, and allied specialties	-
Interventional Pain Management	Anesthesia or Pain Specialty	-
Interventional Pain Management and	1 2	
Physical Medicine and Rehabilitation	Anesthesia or Pain Specialty	-
Interventional Pain Medicine	Anesthesia or Pain Specialty	-
Interventional Physiatry Interventional/Non- Interventional Pain	PMR	-
Management and Anesthesiology IPM - INTERNAL	Anesthesia or Pain Specialty	-
MEDICINE/PREVENTIVE MEDIC	Internal, Family, and allied specialties	-
Leptology	Internal, Family, and allied specialties	-
Maternal Fetal Medicine	Other Specialization	-
Medical Dermatology	Internal, Family, and allied specialties	-
Medical Doctor or MD	-	Medical Doctor (MD)
Medical Oncologist and Hematology	Internal, Family, and allied specialties	-
Medical Oncology	Internal, Family, and allied specialties	-
Medical Oncology and Hematology	Internal, Family, and allied specialties	-
Medical Toxicology	Emergency Medicine	-
		Physician
		Unspecified (MD
Medicine (NY)	-	or DO) Medical Doctor
Medicine (VA)	_	(MD)
Wedleine (VA)	_	Nurse (NP, APRN,
Midwife	-	Midwife)
Musculoskeletal Oncology	Internal, Family, and allied specialties	-
N - Clinical Neuropsychology	Internal, Family, and allied specialties	-
1 5 25	1	Doctor of
National Board of Osteopathic		Osteopathic
Physicians and Surgeons	-	Medicine (DO)
National Doord of Dhysicians and		Physician
National Board of Physicians and Surgeons	_	Unspecified (MD or DO)
541,500113		Physician
		Unspecified (MD
Naturopathic Physicians	-	or DO)

Neonatology	Pediatrics and allied specialties	_
Neonatology and Pediatrics	Pediatrics and allied specialties	-
Nephrology	Internal, Family, and allied specialties	-
Nephrology and Hypertension	Internal, Family, and allied specialties	-
Neurodevelopmental Disabilities	Internal, Family, and allied specialties	-
Neurodevelopmental Disabilities	1	
Neurology	Internal, Family, and allied specialties	-
Neurological Surgery	Surgery and allied specialties	-
Neurologist or Neurology	Internal, Family, and allied specialties	-
Neurologist, Movement		
Disorders/Parkinson's Specialist	Internal, Family, and allied specialties	-
Neurology (Epilepsy)	Internal, Family, and allied specialties	-
Neurology and Interventional Pain	Anasthasia or Dain Spacialty	
Management Neurology and Pain Medicine	Anesthesia or Pain Specialty Anesthesia or Pain Specialty	-
		-
Neurology and Sleep Medicine Neurology, Headache Medicine and Pain	Internal, Family, and allied specialties	-
Management	Anesthesia or Pain Specialty	_
Neuromusculoskeletal Medicine	PMR	_
Neuromusculoskeletal		
Medicine/Osteopathic Manipulative		
Medicine, Pediatrics	PMR	-
Neuro-Oncology	Internal, Family, and allied specialties	-
Neurosurgery	Surgery and allied specialties	-
NM - Nuclear Medicine	Internal, Family, and allied specialties	-
Nuclear Cardiology	Internal, Family, and allied specialties	-
		Nurse (NP, APRN,
Nurse Practitioners	-	Midwife)
Nurse Practitioners Certified Nurse Midwives		Nurse (NP, APRN, Midwife)
Nursing Home	Internal, Family, and allied specialties	Midwife)
8	Psychiatry or Addiction	-
Nursing Home Medicine and Geriatrics OBG - OBSTETRICS AND	rsychiatry of Addiction	-
GYNECOLOGY	OBGYN	-
OBGYN	OBGYN	-
OBGYN and Opiate Addiction	OBGYN	-
Obstetrics Gynecology	OBGYN	-
Occupational Medicine	Other Specialization	-
Occupational Medicine and Pain	1	
Medicine	Anesthesia or Pain Specialty	-
Oncology	Internal, Family, and allied specialties	-
Oncology and Hematology	Internal, Family, and allied specialties	-
Oncology Medical	Internal, Family, and allied specialties	-
Ophthalmology	Surgery and allied specialties	-
		Physician
		Unspecified (MD
Optometrists	-	or DO)

ORS - Hand Surgery	Surgery and allied specialties	
Orthopedic Surgery	Surgery and allied specialties	-
Orthopedic Surgery and Arthritis	Surgery and affect specialties	_
Treatment	Surgery and allied specialties	-
Orthopedics	Surgery and allied specialties	-
Orthopedics and Sports Medicine	Surgery and allied specialties	-
Orthopedist	Surgery and allied specialties	-
Osteopathic Doctor	PMR	-
1		Doctor of
Osteopathic Doctor or Osteopathic		Osteopathic
Medicine or DO	-	Medicine (DO)
Osteopathic Manipulative Medicine	PMR	-
Osteopathic Medicine	PMR	-
Other	Other Specialization	-
OTO - Otolaryngology	Surgery and allied specialties	-
Otolaryngology	Surgery and allied specialties	-
Otolaryngology/Facial Plastic Surgery	Surgery and allied specialties	-
Otorhinolaryngology	Surgery and allied specialties	-
P - ADDICTION PSYCHIATRY	Psychiatry or Addiction	-
Pain Management	Anesthesia or Pain Specialty	-
Pain Management and Anesthesiology	Anesthesia or Pain Specialty	-
Pain Management and Neurology	Anesthesia or Pain Specialty	-
Pain Management and Physical		
Medicine and Rehabilitation	Anesthesia or Pain Specialty	-
Pain Management and Rehabilitation	Anesthesia or Pain Specialty	-
Pain Management, Non-Operative	Amasthasia an Dain Smaaialte	
Orthopedics and Occupational Medicine Pain Management, Pain Medicine,	Anesthesia or Pain Specialty	-
Anesthesiology, Addiction Medicine	Anesthesia or Pain Specialty	_
Pain Management, Physical Medicine		
and Rehab	Anesthesia or Pain Specialty	-
Pain Management, Physical Medicine		
and Rehabilitation	Anesthesia or Pain Specialty	-
Pain Management, Physical Medicine,	Amasthasia an Dain Smaaialte	
Rehabilitation and Sports Medicine Pain Medicine	Anesthesia or Pain Specialty	-
	Anesthesia or Pain Specialty	-
Pain Medicine and Anesthesia	Anesthesia or Pain Specialty	-
Pain Medicine and Anesthesiology Pain Medicine and Anesthesiology and	Anesthesia or Pain Specialty	-
Addiction Medicine	Anesthesia or Pain Specialty	_
Pain Medicine and Hospice and	Timesuresia of Fam Specially	
Palliative Medicine and Addiction		
Medicine	Anesthesia or Pain Specialty	-
Pain Medicine and Management	Anesthesia or Pain Specialty	-
Pain Medicine and Physical Medicine		
and Rehabilitation	Anesthesia or Pain Specialty	-
Pain Medicine, Addiction Medicine,	Anasthasia or Dain Spacialty	
Physical Medicine and Rehabilitation	Anesthesia or Pain Specialty	-

Pain Medicine, Physical Medicine and		
Rehabilitation	Anesthesia or Pain Specialty	-
Palliative Care	Palliative Care	-
Palliative Medicine	Palliative Care	-
Pathology	Other Specialization	-
PD - Neonatal - Perinatal Medicine	Pediatrics and allied specialties	-
PD - Pediatric Endocrinology	Pediatrics and allied specialties	-
PD - Pediatric Hematology/Oncology	Pediatrics and allied specialties	_
Pediatric Emergency Medicine	Pediatrics and allied specialties	_
Pediatric Gastroenterology	Pediatrics and allied specialties	_
Pediatric Hematology	Pediatrics and allied specialties	_
Pediatric Hematology	Pediatrics and allied specialties	_
Pediatric Hematology Oncology	Pediatrics and allied specialties	_
Pediatric Hematology/Oncology	Pediatrics and allied specialties	_
Pediatric Neurology	Pediatrics and allied specialties	_
Pediatric Surgery Neurological	Pediatrics and allied specialties	_
Pediatrician	Pediatrics and allied specialties	_
Pediatrics	Pediatrics and allied specialties	_
Pediatrics, Hospice and Palliative	reduction and arrive specializes	
Medicine	Pediatrics and allied specialties	-
Pediatrics, Neonatal Medicine and		
Integrative Medicine	Pediatrics and allied specialties	-
Physiatrist	PMR	-
Physiatry	PMR	-
Physical Medicine	PMR	-
Physical Medicine and Rehabilitation	PMR	-
Physical Medicine and Rehabilitation		
and Pain Management	Anesthesia or Pain Specialty	-
Physical Medicine and Rehabilitation and Pain Medicine	Anasthasia or Dain Spacialty	
Physical Medicine and Rehabilitation	Anesthesia or Pain Specialty	-
and Physiatry	PMR	_
Physical Medicine and Rehabilitation		
and Sports Medicine	PMR	-
Physical Medicine and Rehabilitation,		
Interventional Pain Medicine	Anesthesia or Pain Specialty	-
Physical Medicine and Rehabilitation,		
Medical Acupuncture and Medical Hypnosis	PMR	
Physical Medicine and Rehabilitation,	FWIK	-
Pain Medicine and Integrative Holistic		
Medicine	Anesthesia or Pain Specialty	_
Physical Medicine Rehabilitation	PMR	_
•		Physician
		Unspecified (MD
Physician	-	or DO)
Dhyraidian Assistant		Physician
Physician Assistant	-	Assistants

Plastic Surgery	Surgery and allied specialties	-
PM Rehabilitation	PMR	-
Pneumologist	Internal, Family, and allied specialties	-
Podiatrist or DPM	-	Other Degree Type
Preventative Medicine	Internal, Family, and allied specialties	-
Preventive Medicine and Integrative-		
Functional Medicine	Internal, Family, and allied specialties	-
Preventive Medicine, Addiction Medicine and Pain Management,		
Neurology and Epilepsy	Other Specialization	_
Primary Care and Internal Medicine	Internal, Family, and allied specialties	_
Primary Care- Orthopedics and	internal, I aimiy, and amed speciaties	
Alternative Pain Management	Internal, Family, and allied specialties	-
Primary Care, Family Practice and		
Addiction Medicine	Psychiatry or Addiction	-
Psychiatric-Oncologist	Palliative Care	-
Psychiatrist or Psychiatry	Psychiatry or Addiction	-
Psychiatry and Neurology	Psychiatry or Addiction	-
Psychiatry, Addiction Psychiatry and	A .1 . D . C . 1	
Pain Medicine Psychiatry, Anesthesiology and Pain	Anesthesia or Pain Specialty	-
Medicine	Anesthesia or Pain Specialty	-
PTH - Hematopathology	Other Specialization	-
PTH - Pathology-Anatomic and Clinical	Other Specialization	_
Pulmonary and Critical Care Medicine	Internal, Family, and allied specialties	-
Pulmonary Disease	Internal, Family, and allied specialties	_
PYN - Psychiatry and Neurology	Psychiatry or Addiction	-
Radiation Oncology	Internal, Family, and allied specialties	-
Radiation Oncology and Oncology	Internal, Family, and allied specialties	-
Radiologist	Other Specialization	-
Radiology Diagnostic	Other Specialization	-
Radiology Nuclear	Other Specialization	-
Rheumatology	Internal, Family, and allied specialties	-
RO - Radiation Oncology	Internal, Family, and allied specialties	-
Sleep Medicine	Internal, Family, and allied specialties	-
Spine and Sports Medicine	PMR	-
Sports Medicine	PMR	-
Sports Medicine and Acupuncture	PMR	-
Sports Spine and Musculoskeletal		
Medicine and Physical Medicine and	DMD	
Rehabilitation	PMR	-
Substance Abuse Medicine	Psychiatry or Addiction	-
Surgeon	Surgery and allied specialties	-
Surgery Colon Rectal	Surgery and allied specialties	-
Surgery Hand	Surgery and allied specialties	-
Surgery Hand	Surgery and allied specialties	-

Surgery Thoracic	Surgery and allied specialties	-
Surgery Urology	Surgery and allied specialties	-
Surgery Vascular	Surgery and allied specialties	-
Surgical Critical Care	Surgery and allied specialties	-
Surgical Oncology	Surgery and allied specialties	-
Thoracic Surgery	Surgery and allied specialties	-
TS - Thoracic Surgery	Surgery and allied specialties	-
Urology	Surgery and allied specialties	-
VAS - Vascular Medicine	Surgery and allied specialties	-
Vascular Neurology	Internal, Family, and allied specialties	-