SPECIALTY PROFILES

GUIDE

The following information can be found on UMEC specialty profiles:

Full-Time Equivalents (FTEs)

- Total Hour FTE: A 40-hour week is considered 1 FTE; working more or fewer hours adjusts from that basis (e.g., 60 hours is 1.5 FTEs, 20 hours is .5 FTEs)
- Standardized FTE: Working 40 or more hours is considered 1 FTE; anything less operates like the Total Hour FTE (e.g., 60 hours is 1 FTE, 20 hours is .5 FTE)

Demographics

- Age Cohorts
- Racial/Ethnic Diversity
- Gender

Geographic Distribution

Recommendations on Pursuit of Specialty

- "Would you recommend that someone pursue a career in your specialty?"
- Note that this question had a lower response rate than most questions which may have resulted in something called "non-response bias". Essentially, this question may have attracted responses disproportionately from those with stronger feelings which could overstate the number of physicians who would not recommend their specialty.

Influence on Specialty Choice

Hours

- Total hours and direct patient care hours (first number is average, followed by low and high estimates)
- Full-time or part-time status
- Share of total hours in direct patient care

Income (adjusted to 40-hour workweek)

- Distribution
- Average
- Median

Debt (grouped by years of experience)

- Median at graduation (adjusted for inflation)
- Current debt

Practice Information

- Type of care
- Patient wait times (average)

- Patients per hour (median)
- Practice Status (e.g., full, nearly full, unfilled, N/A)
- Share limiting patients by coverage type
- Share of FTE hours in each setting

The following specialties had fewer than 15 responses – interpret data with caution:

- Addiction Medicine
- Endocrinology
- Hospice and Palliative Medicine
- Medical Genetics
- Nephrology
- Preventive Medicine/Public Health
- Rheumatology
- Sleep Medicine

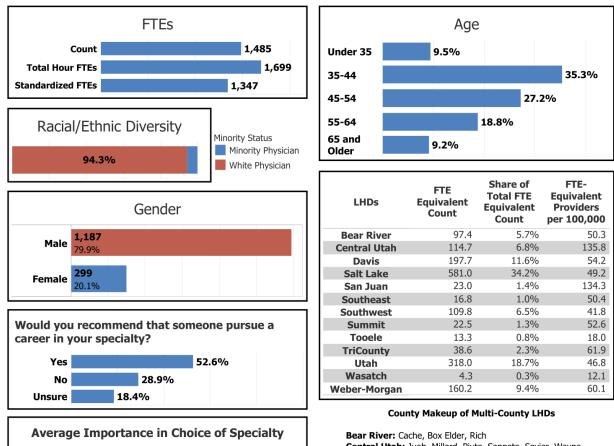
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Primary Care

Family Medicine (General, Geriatrics, Sports)

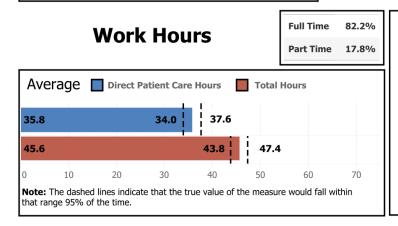


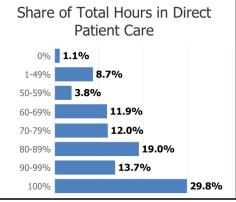
Basic Information and Demographics

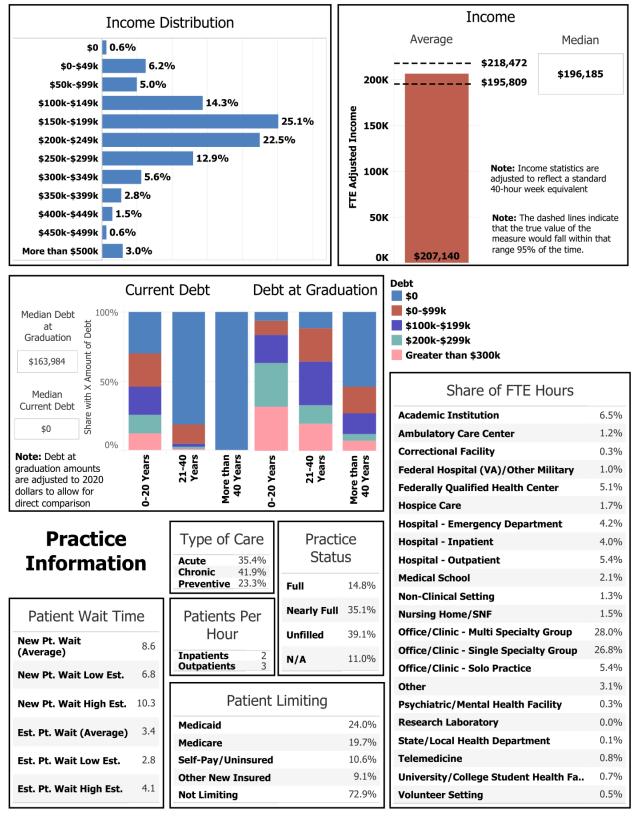


- 4.1 Personal Aptitude/Skill Set
- 4.6 Enjoyment of the Specialty
- 3.3 Anticipated Work Schedule
- 2.6 Enjoyment of Teaching, Research, and Scholarship
- Note: 5 is most influential, 1 is least

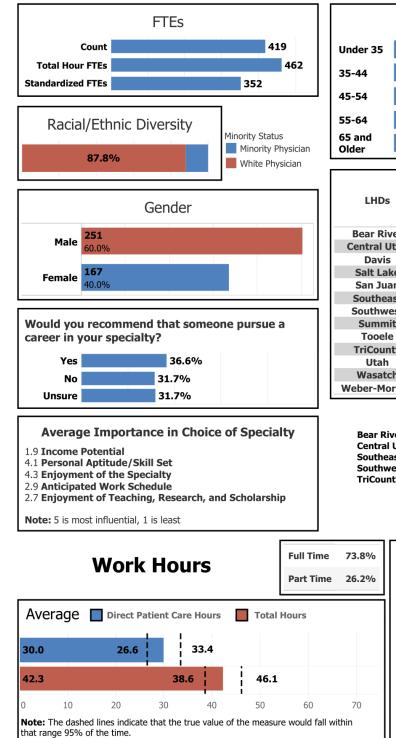
Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah



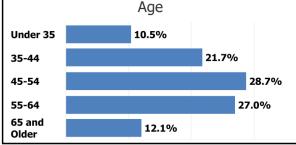




Internal Medicine (General)



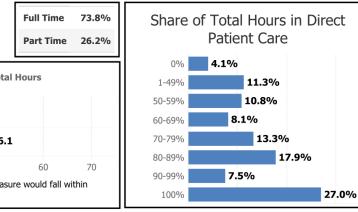


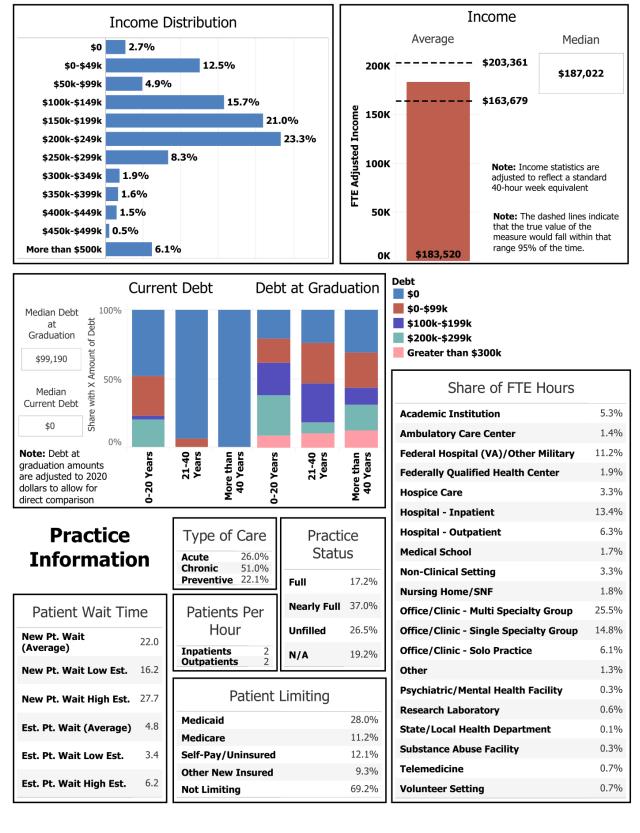


LHDs	FTE Equivalent Count	Share of Total FTE Equivalent Count	FTE- Equivalent Providers per 100,000
Bear River	24.4	5.2%	12.7
Central Utah			
Davis	22.3	4.8%	6.1
Salt Lake	306.0	65.2%	25.9
San Juan	3.0	0.6%	17.8
Southeast	0.1	0.0%	0.8
Southwest	51.8	11.0%	27.7
Summit	11.6	2.5%	27.0
Tooele	5.6	1.2%	7.5
TriCounty			
Utah	28.5	6.1%	4.2
Wasatch			
Weber-Morgan	15.9	3.4%	6.0

County Makeup of Multi-County LHDs

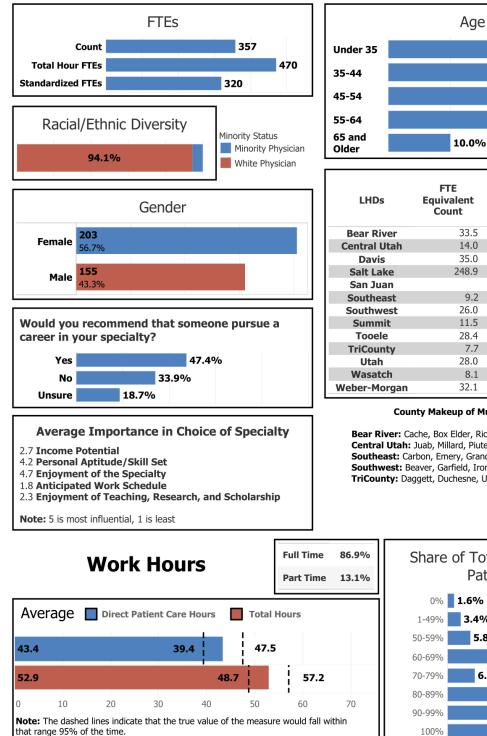
Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah





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OB-GYN (General)



Basic Information and Demographics

Share of FTE-**Total FTE** Equivalent Equivalent Equivalent Providers Count Count per 100,000 7.0% 25.1 33.5 14.0 2.9% 60.8 35.0 7.3% 9.6 248.9 51.6% 21.1 1.9% 40.4 9.2 26.0 5.4% 10.7 11.5 2.4% 26.7 28.4 5.9% 38.3 7.7 1.6% 34.0 28.0 5.8% 4.1 22.7 8.1 1.7% 32.1 6.6% 12.0

16.0%

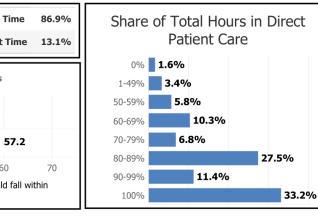
17.8%

27.2%

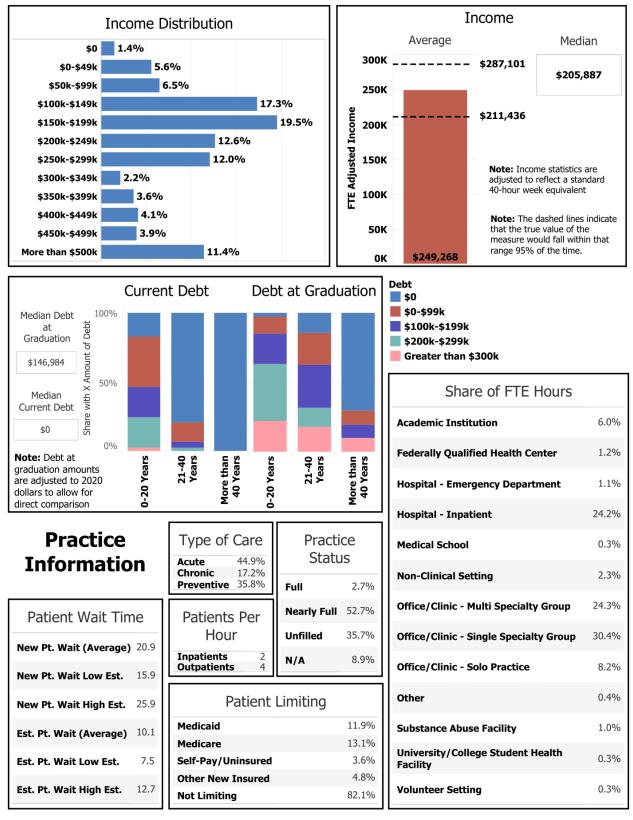
29.0%

County Makeup of Multi-County LHDs

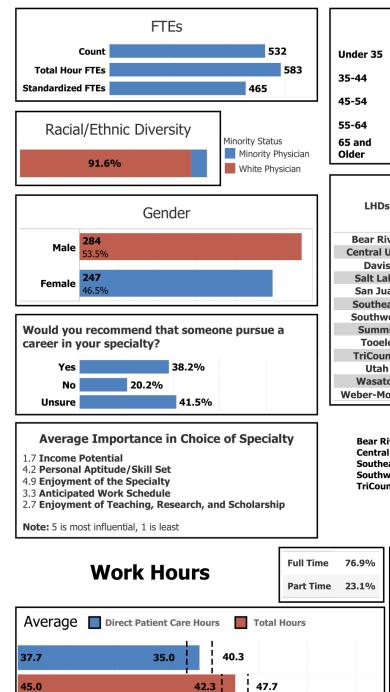
Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah



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Pediatrics (General)





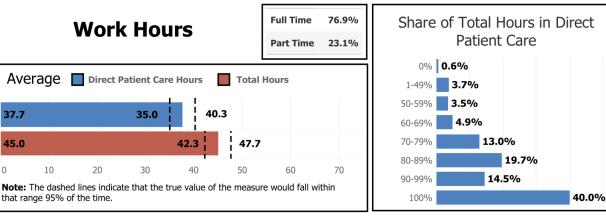
Under 35 21.1% 35-44 31.6% 45-54 24.2% 55-64 16.6% 65 and 0lder 6.4% FTE Equivalent Count Share of Total FTE Equivalent Providers

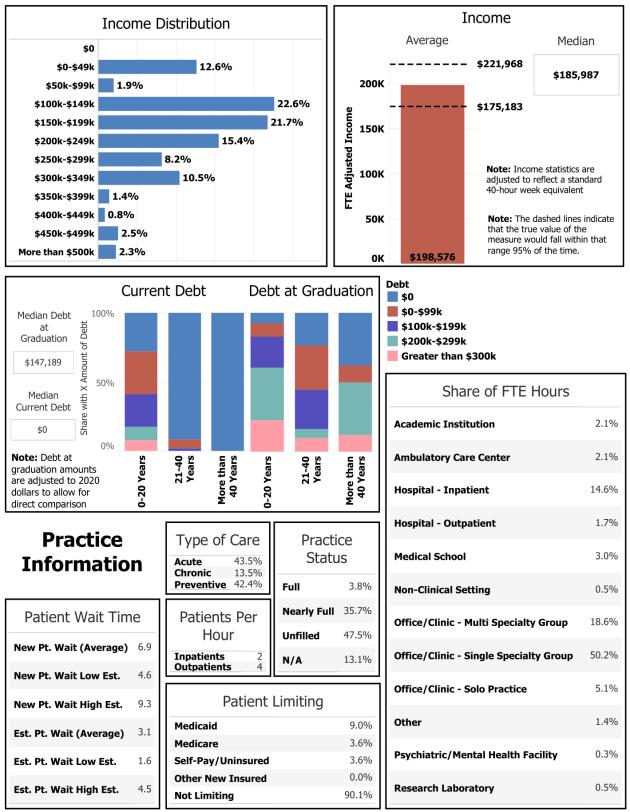
Age

LHDs	Equivalent Count	Total FTE Equivalent Count	Equivalent Providers per 100,000
Bear River	29.4	4.8%	21.6
Central Utah	5.8	1.0%	42.8
Davis	59.9	9.9%	16.4
Salt Lake	326.5	53.7%	27.6
San Juan			
Southeast	2.5	0.4%	10.8
Southwest	26.4	4.3%	14.2
Summit	0.3	0.1%	0.7
Tooele	9.7	1.6%	13.0
TriCounty	0.5	0.1%	1.2
Utah	97.8	16.1%	14.4
Wasatch			
Weber-Morgan	49.2	8.1%	18.5

County Makeup of Multi-County LHDs

Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah

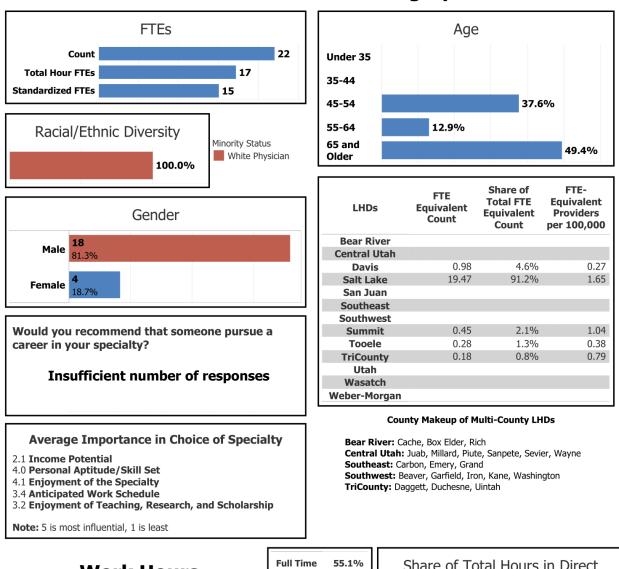




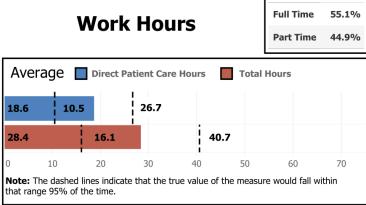
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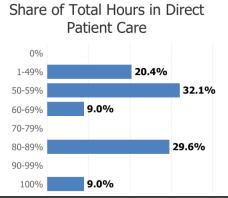
SPECIALTY CARE

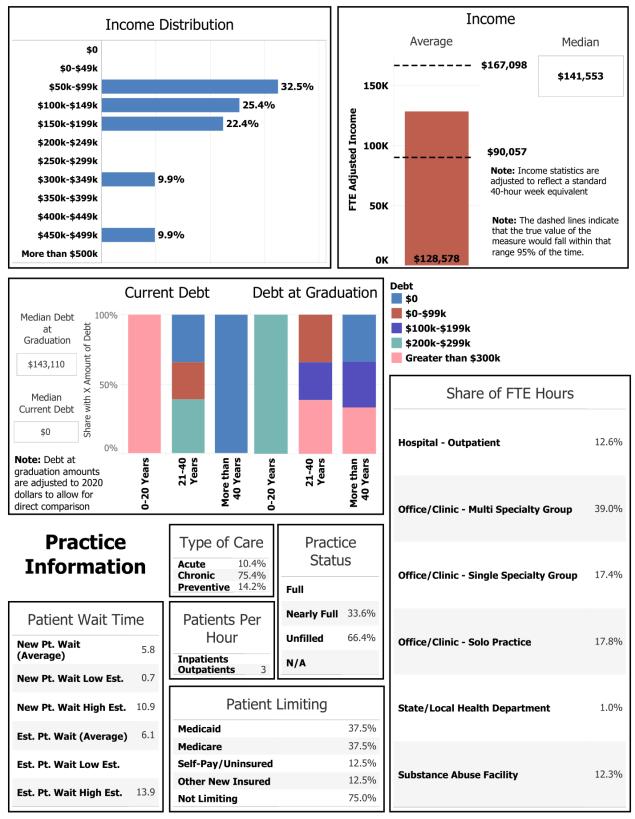
Addiction Medicine



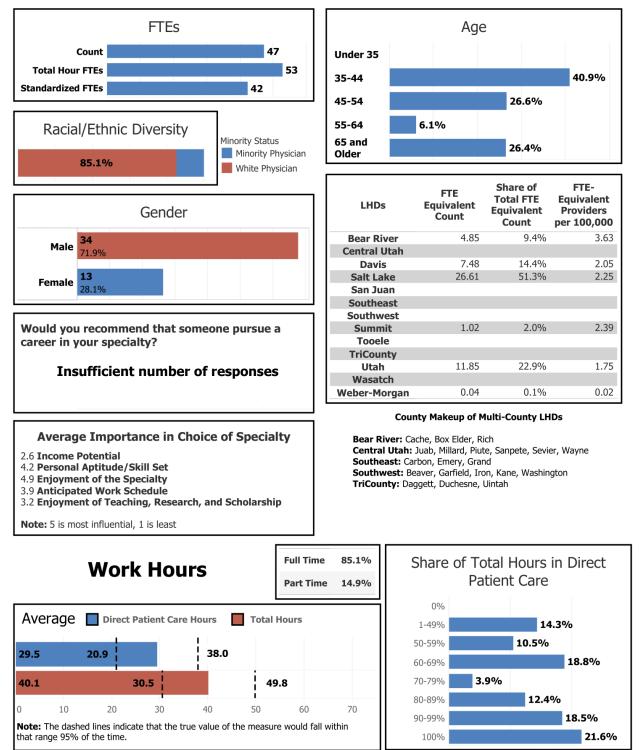
Basic Information and Demographics



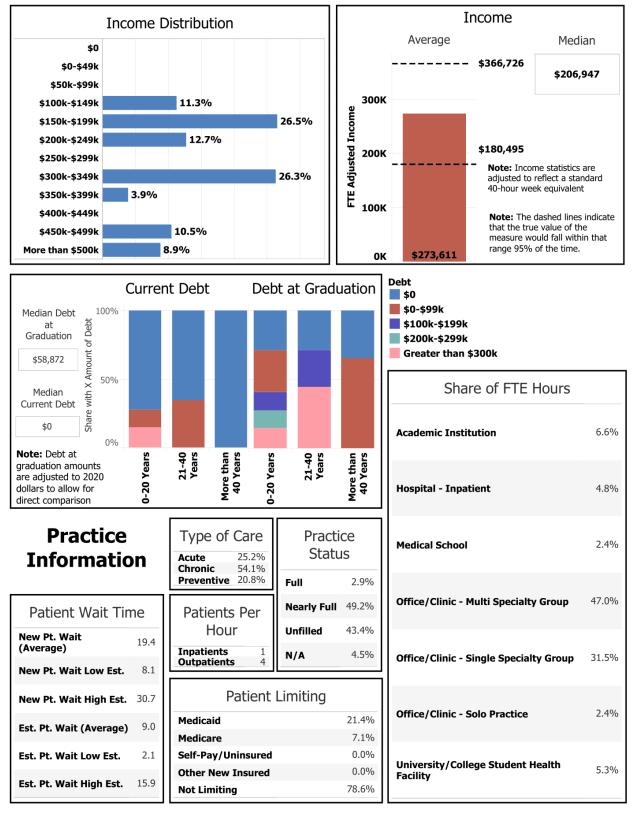




Allergy & Immunology



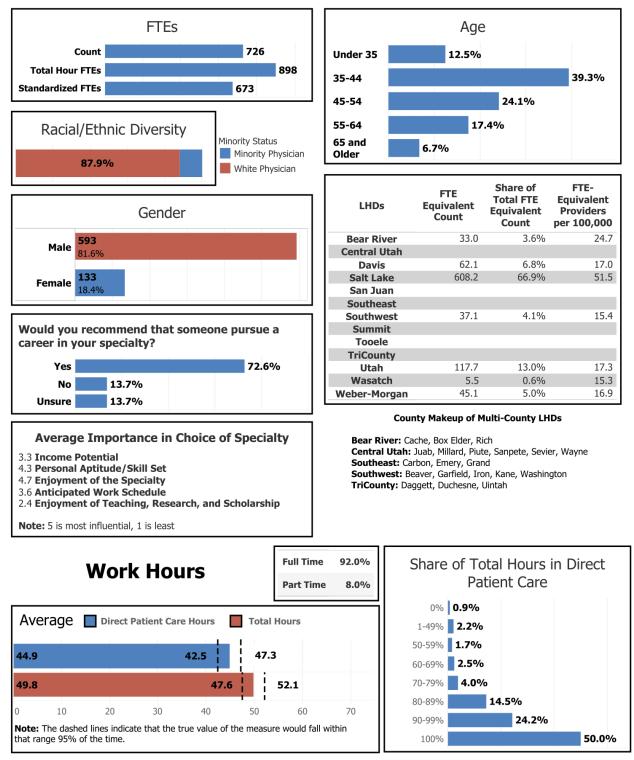
Basic Information and Demographics



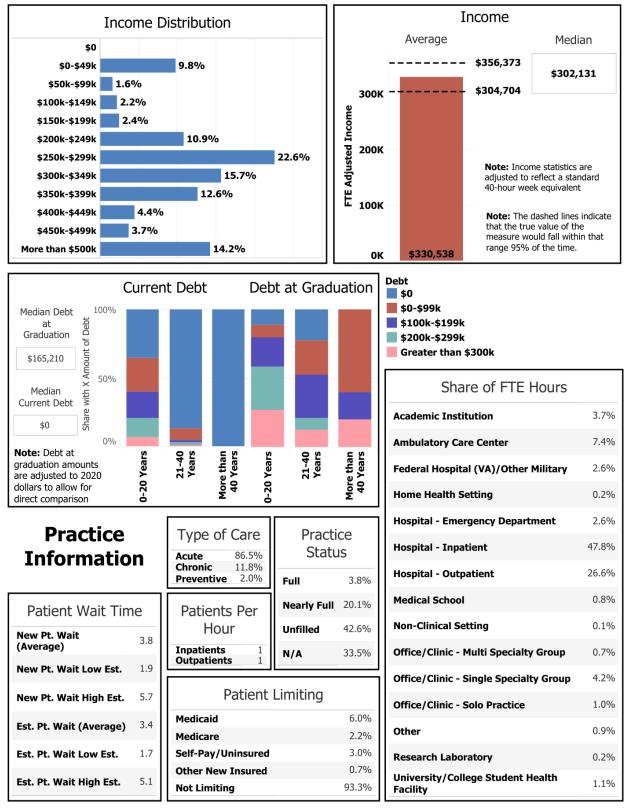
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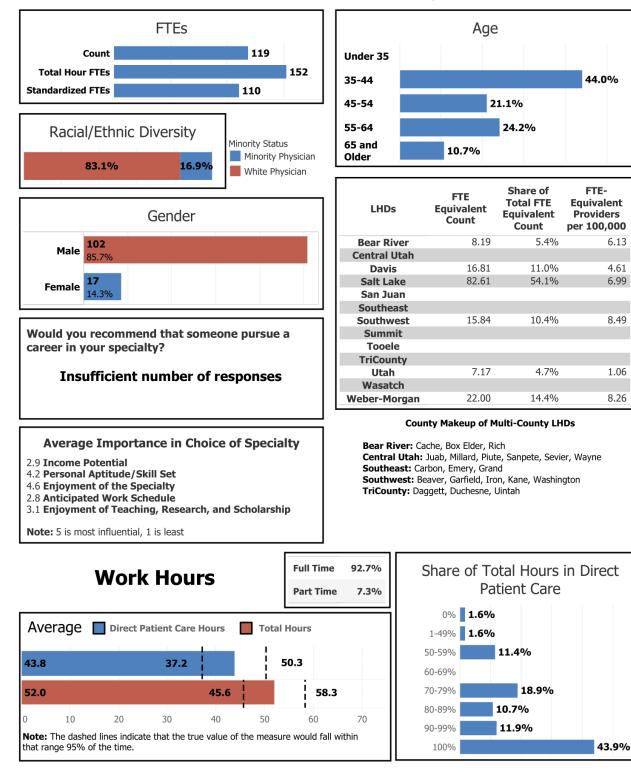
Anesthesiology (General, Pain Management, Other subspecialties)



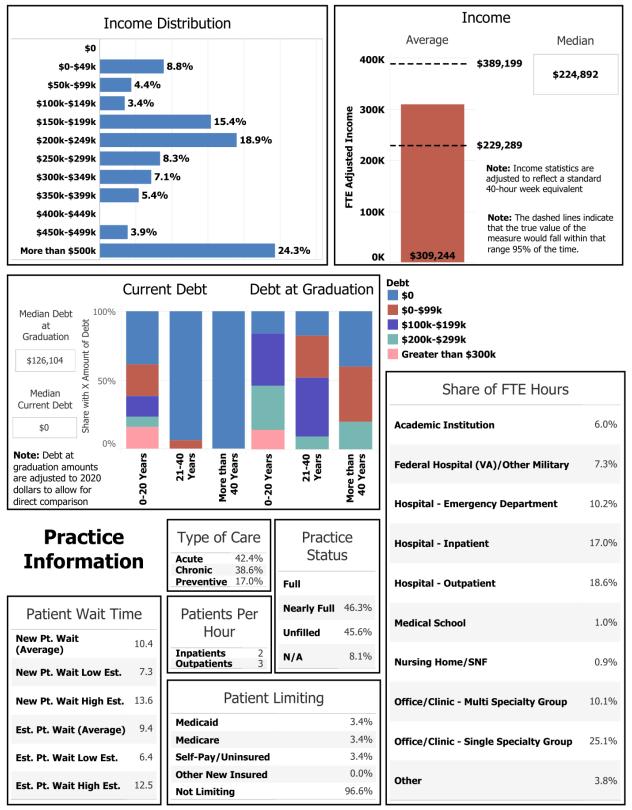
Basic Information and Demographics



Cardiology

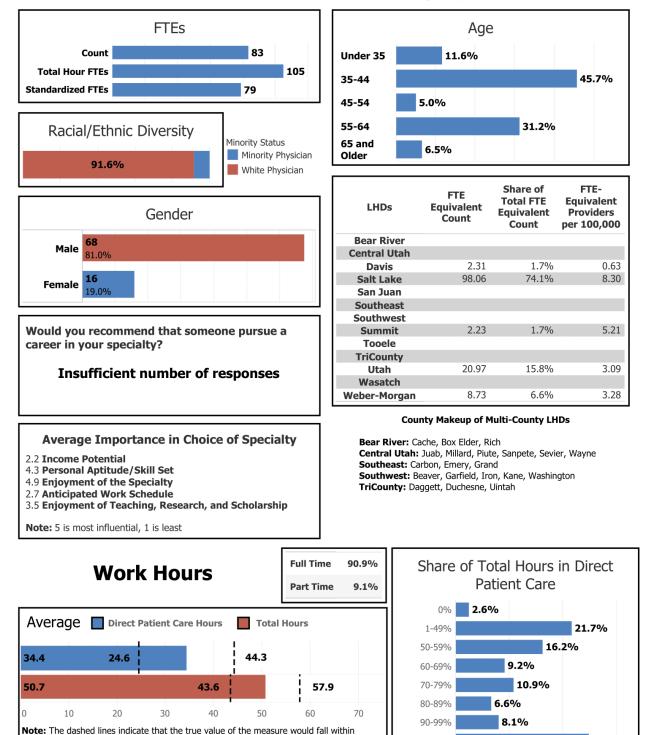


Basic Information and Demographics



Critical Care Medicine

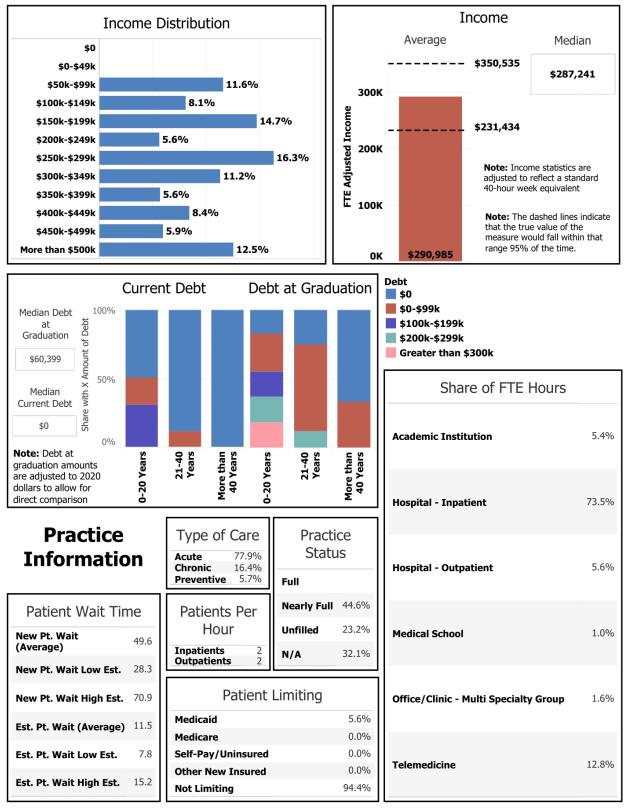
that range 95% of the time.



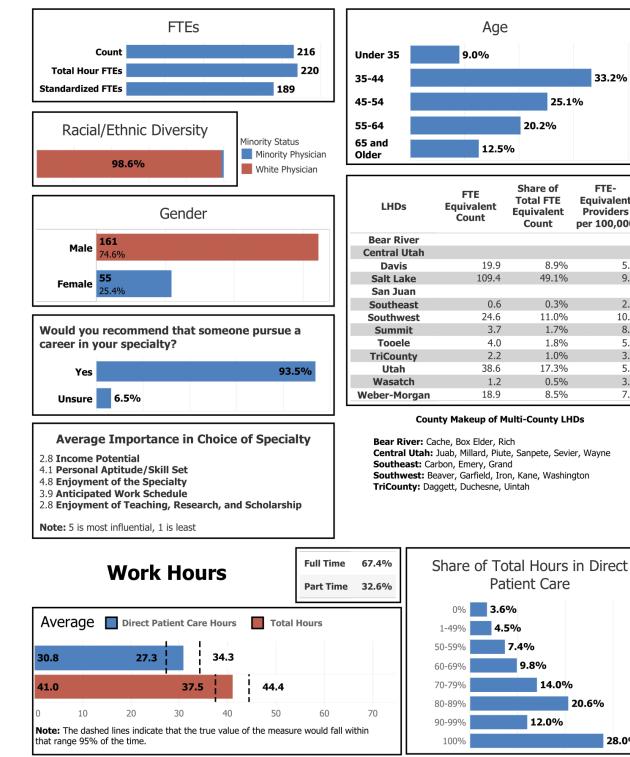
Basic Information and Demographics

••• 77 100%

24.8%



Dermatology



Basic Information and Demographics

33.2%

FTE-

Equivalent

Providers

per 100,000

5.4

9.3

2.5

8.6

5.4

3.6

5.7

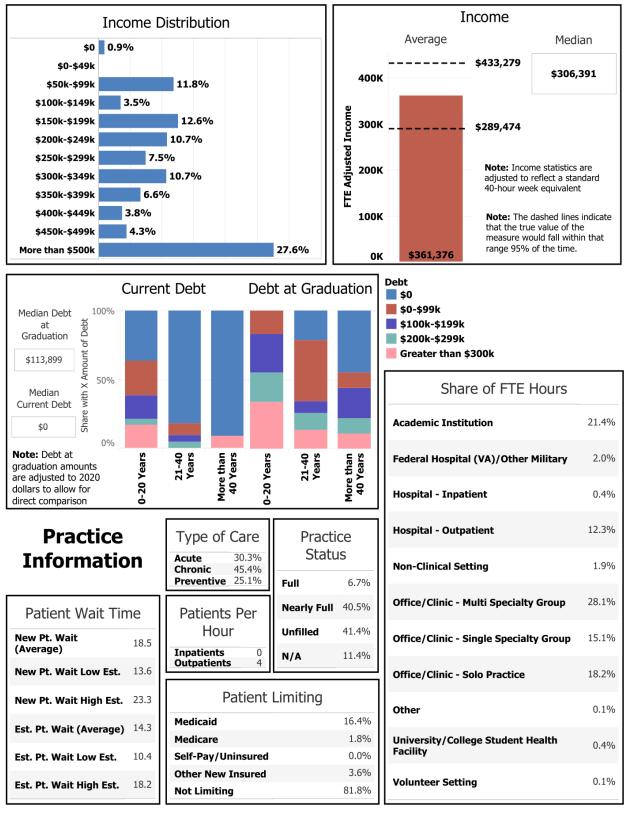
3.2

7.1

20.6%

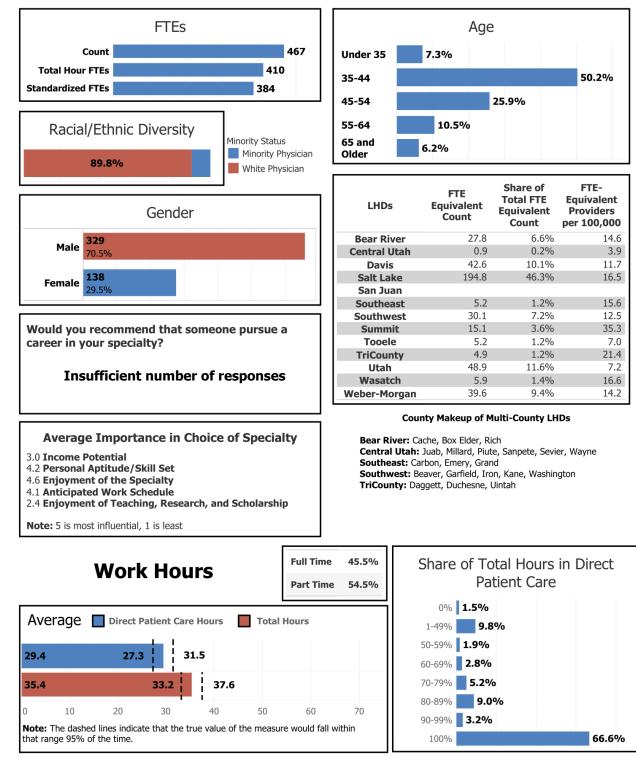
28.0%

10.2



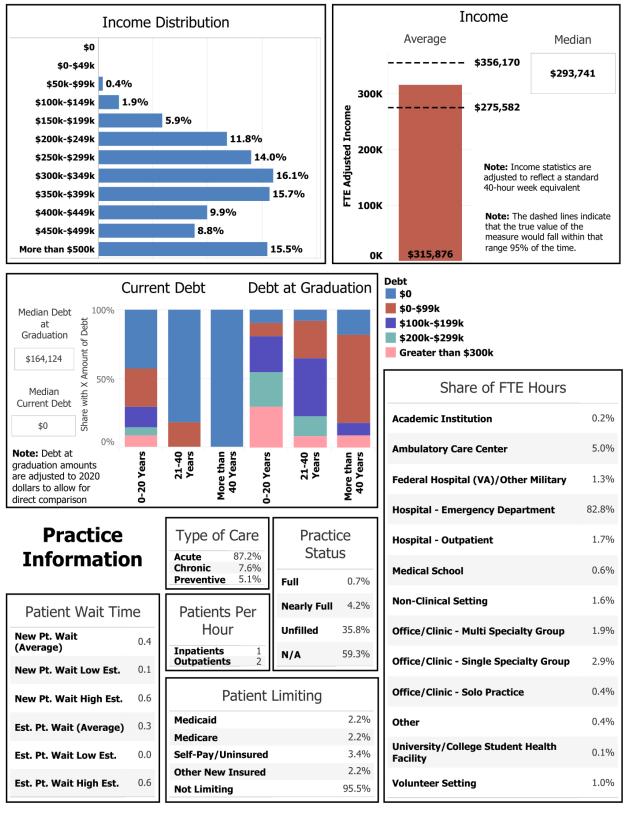
80

Emergency Medicine

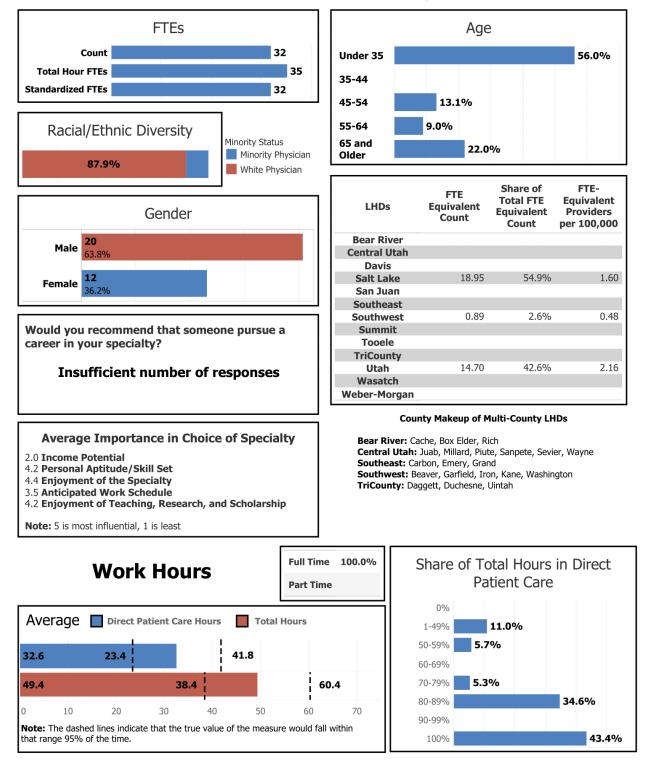


Basic Information and Demographics

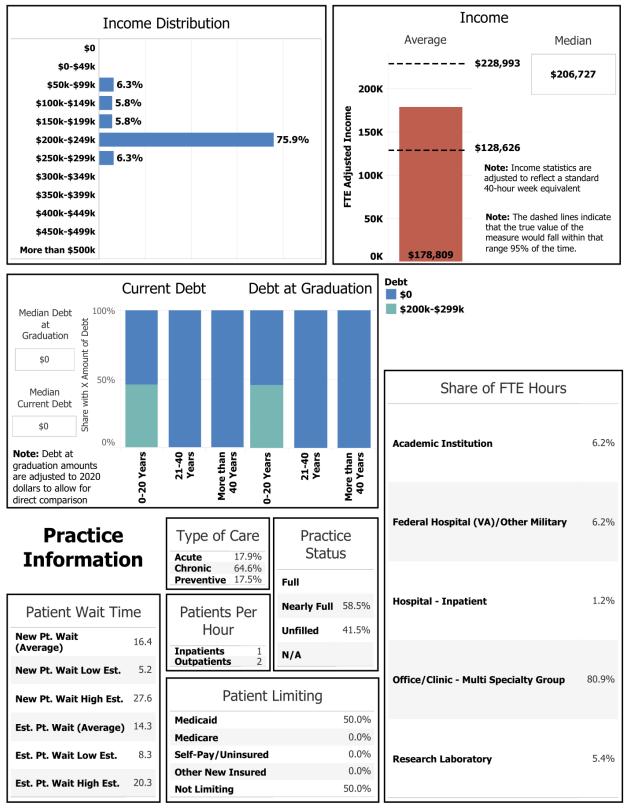
81



Endocrinology

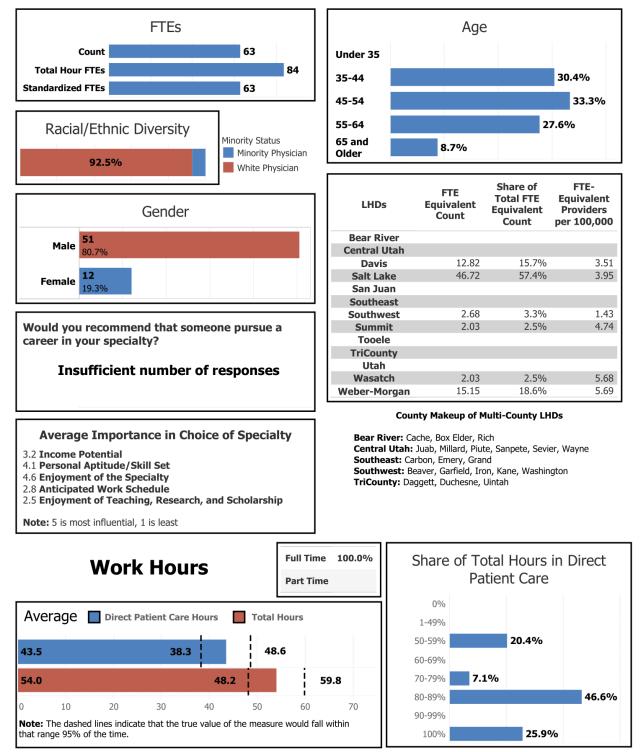


Basic Information and Demographics



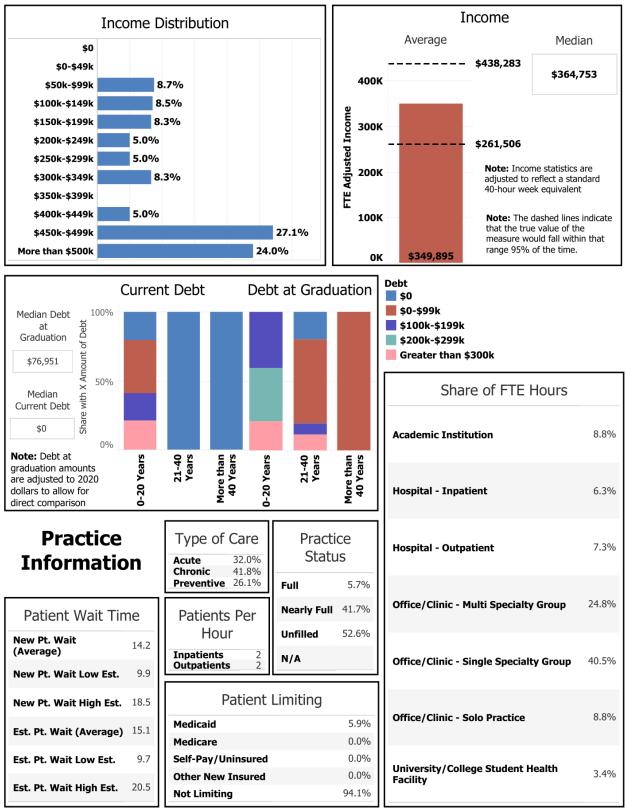
84

Gastroenterology

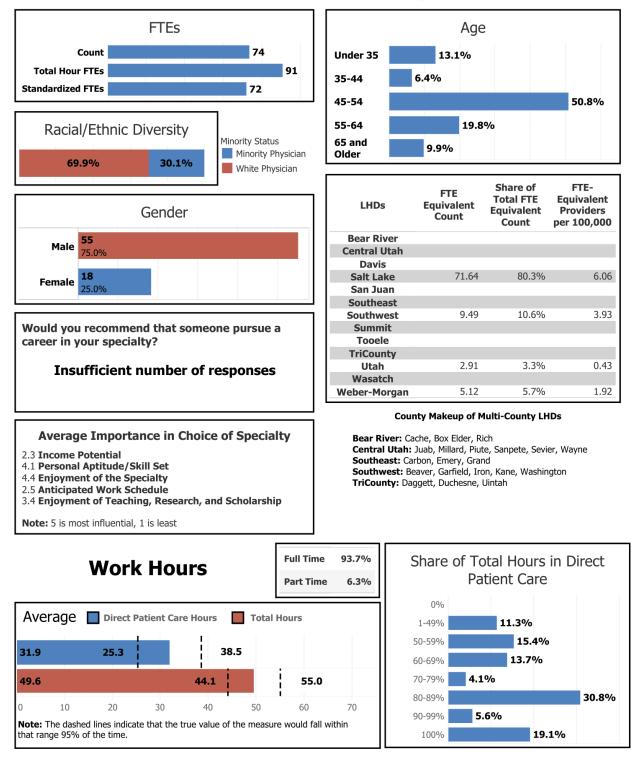


Basic Information and Demographics

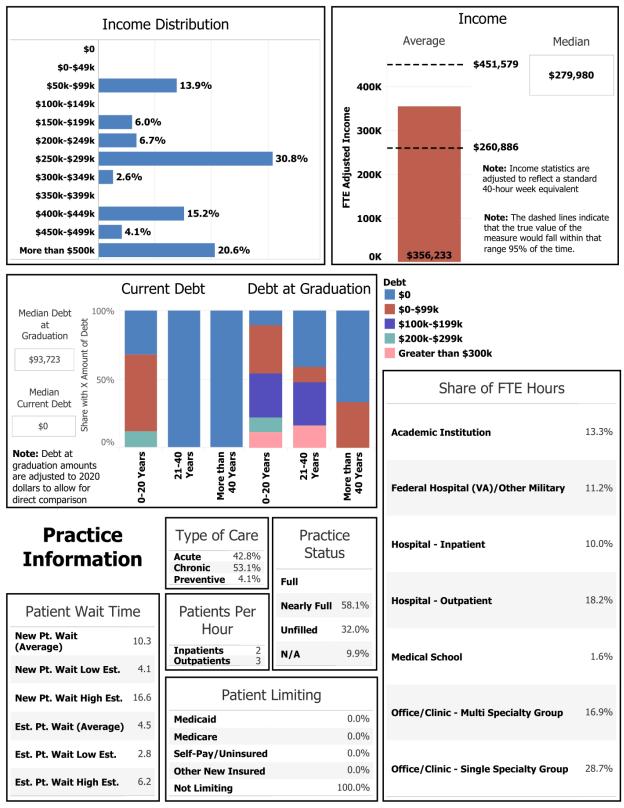
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Hematology/Oncology

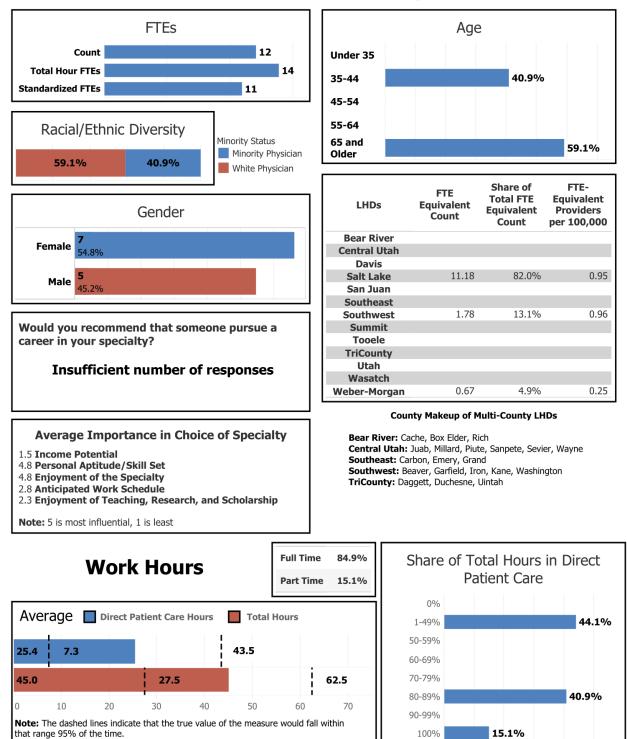


Basic Information and Demographics

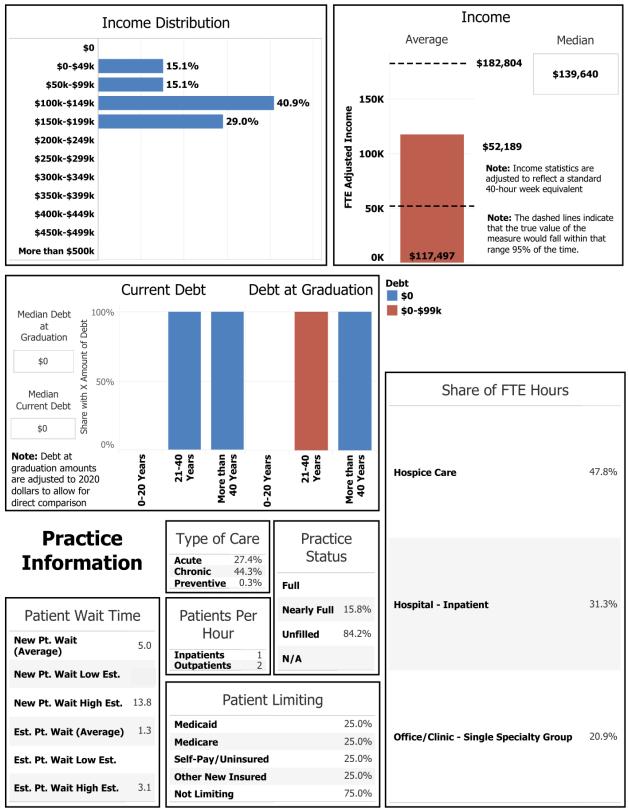


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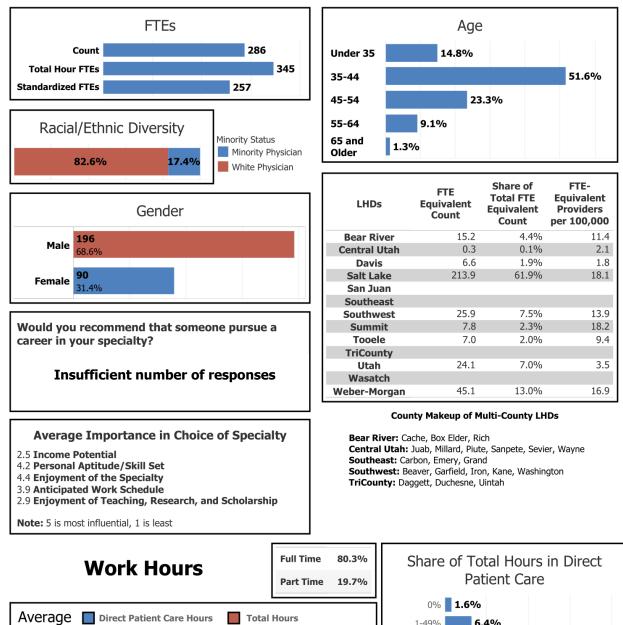
Hospice and Palliative Medicine



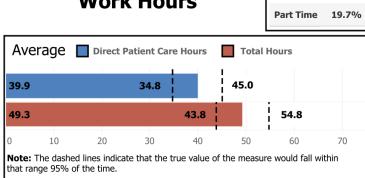
Basic Information and Demographics

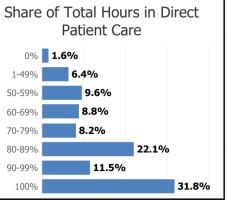


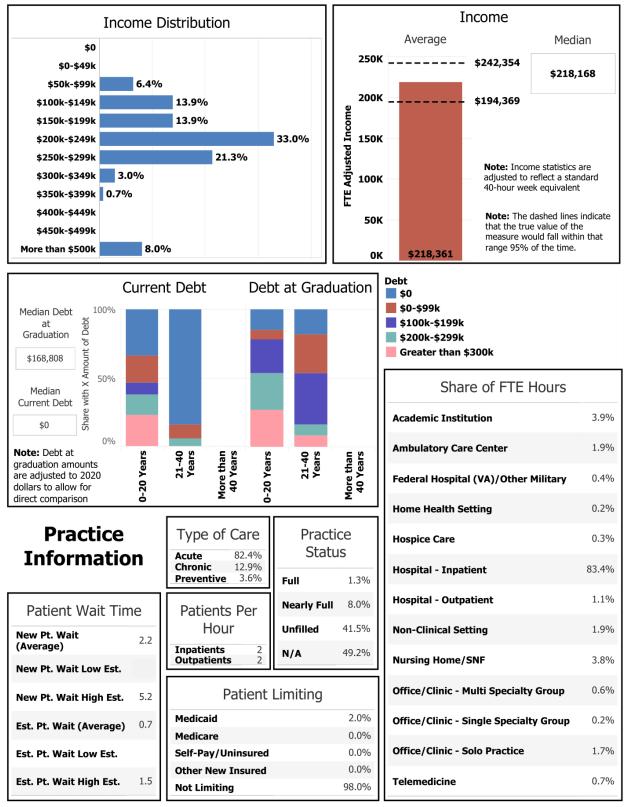
Hospitalist (Internal Medicine and Pediatrics)



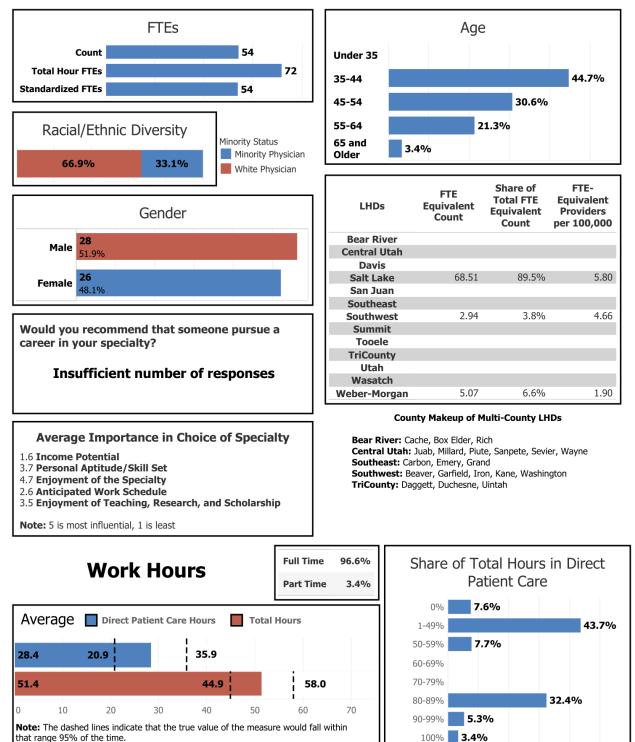
Basic Information and Demographics





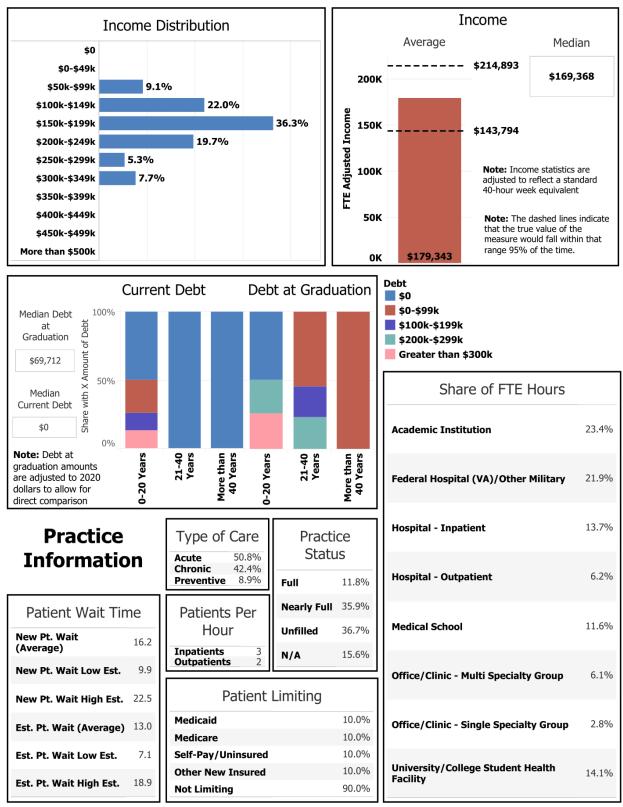


Infectious Diseases

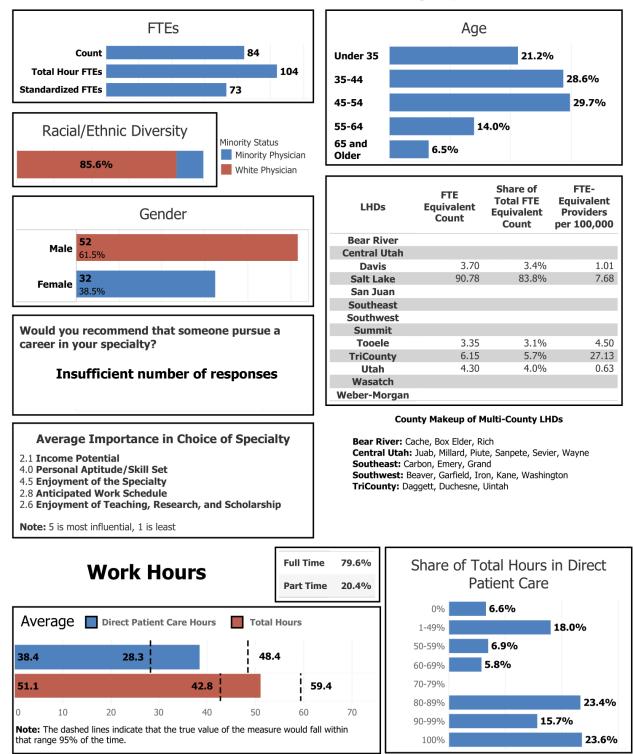


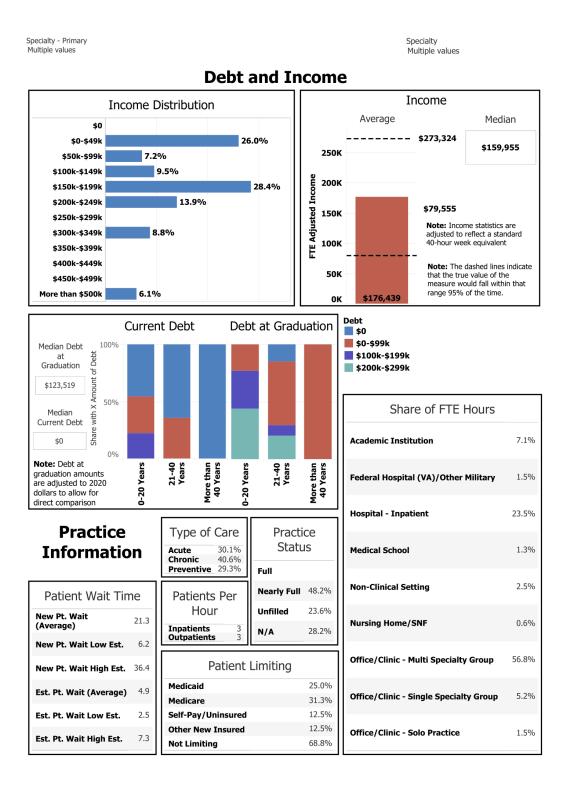
Basic Information and Demographics

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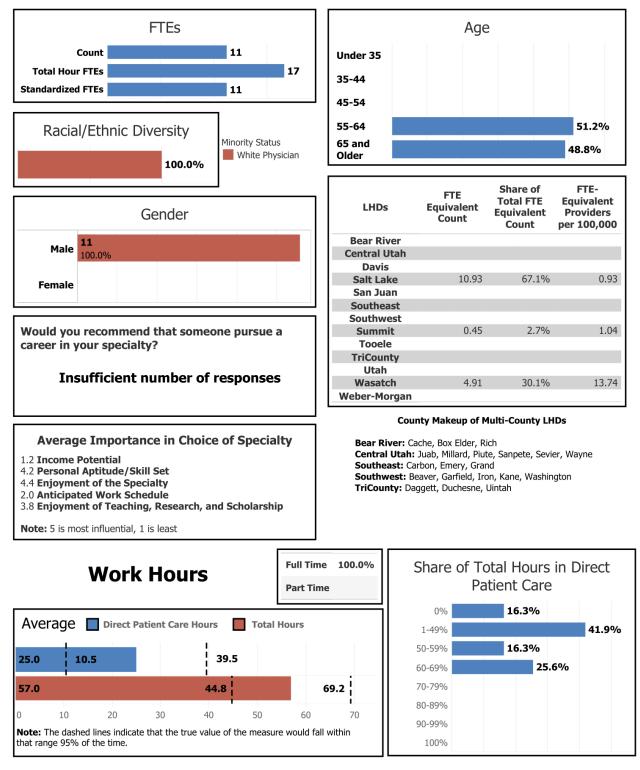


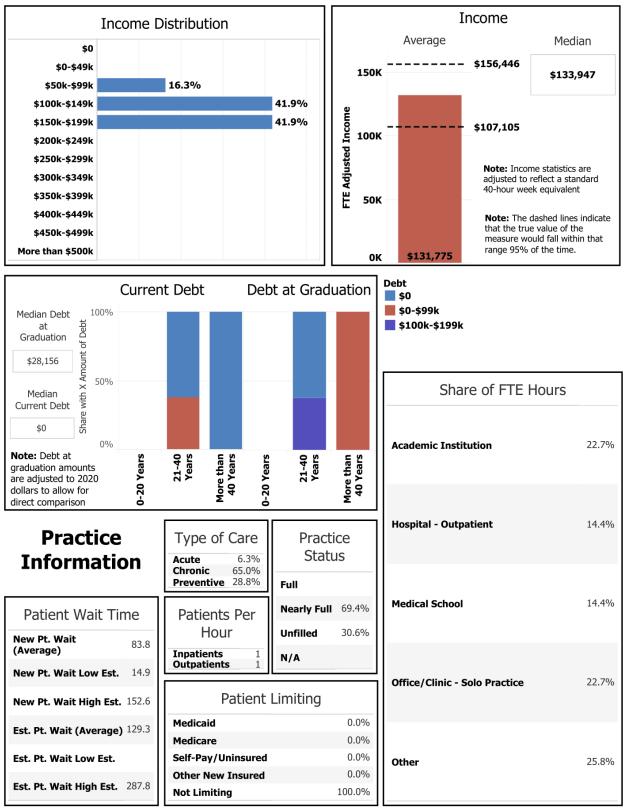
Internal Medicine (Pediatrics and Other Subspecialties)



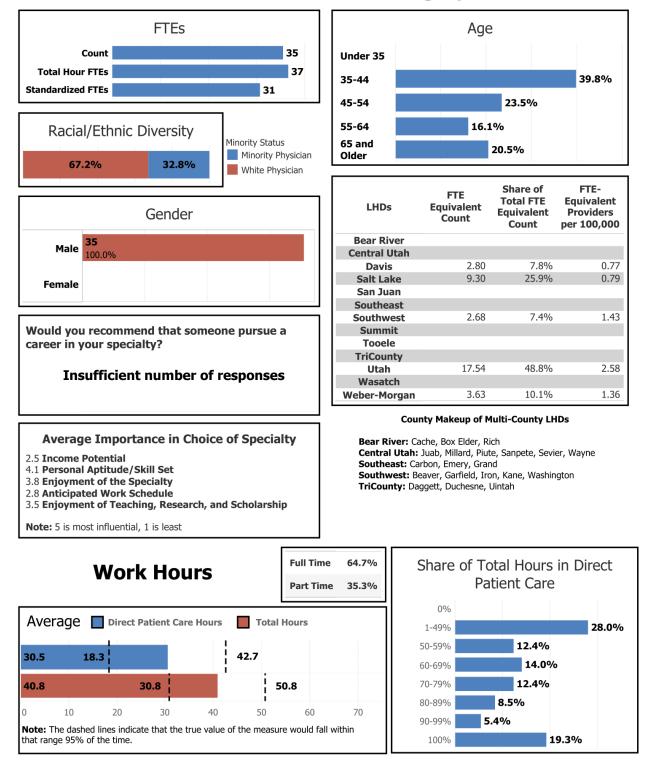


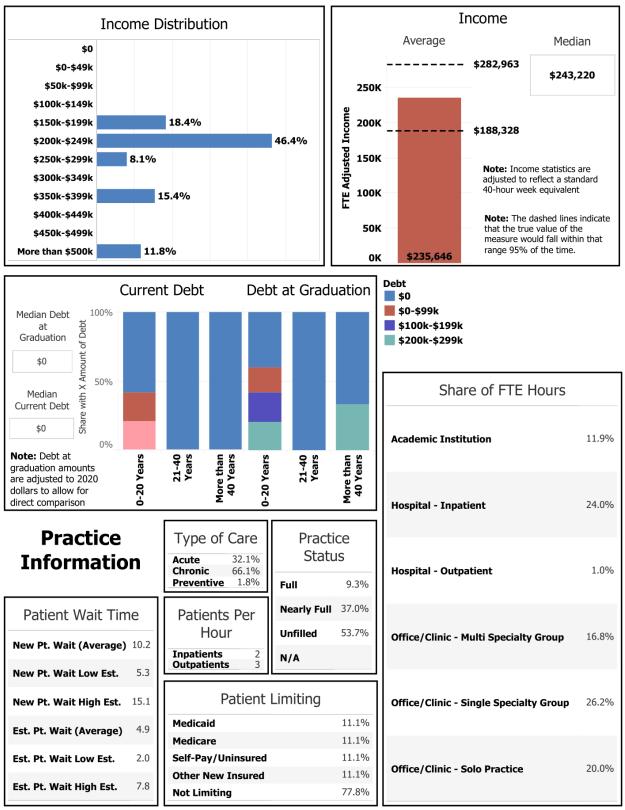
Medical Genetics



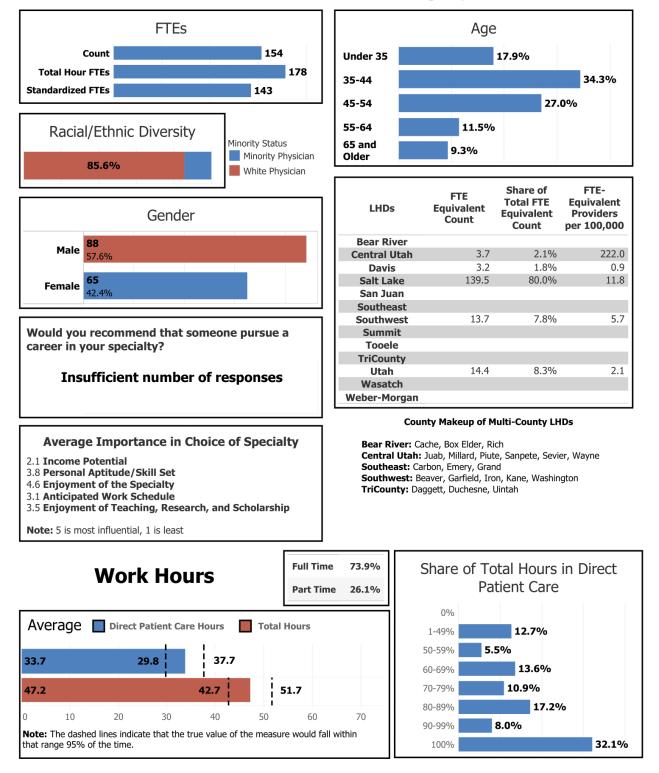


Nephrology



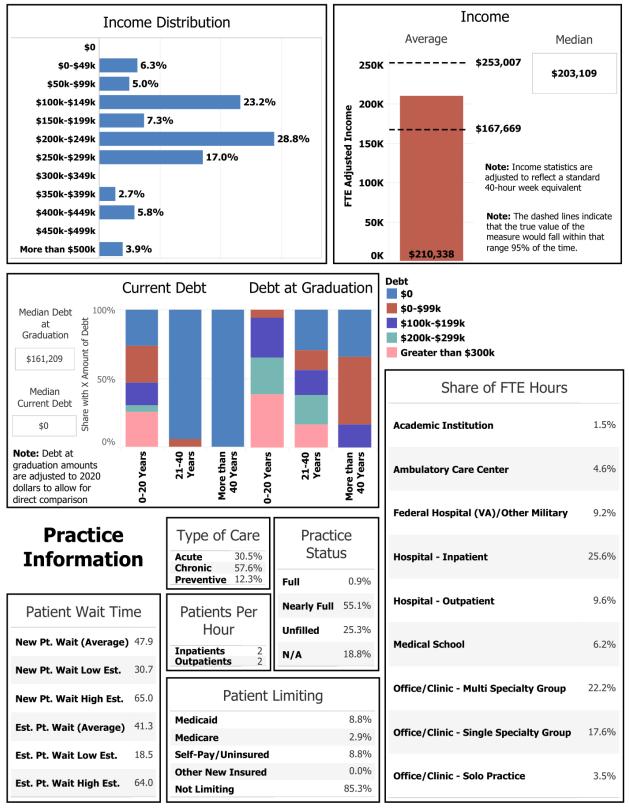


Neurology



Basic Information and Demographics

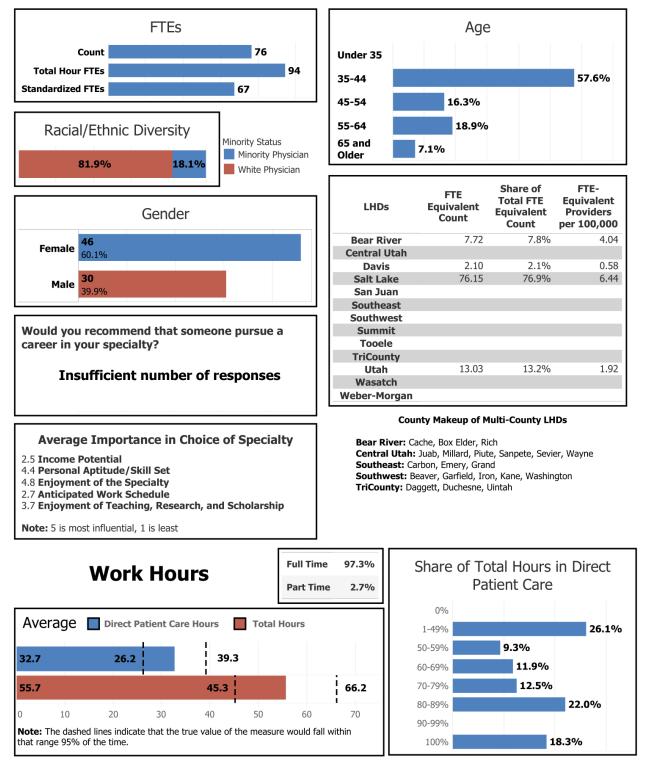
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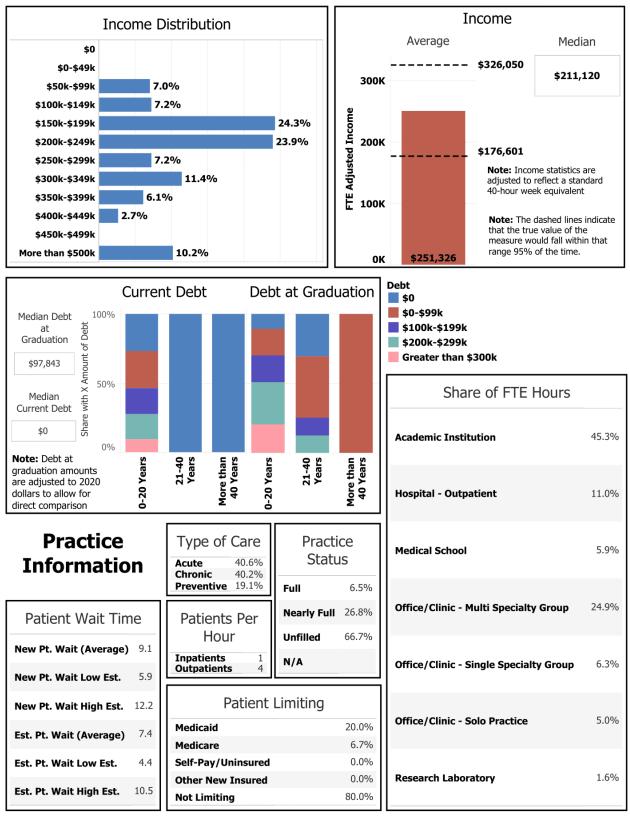
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OB-GYN (Subspecialties)



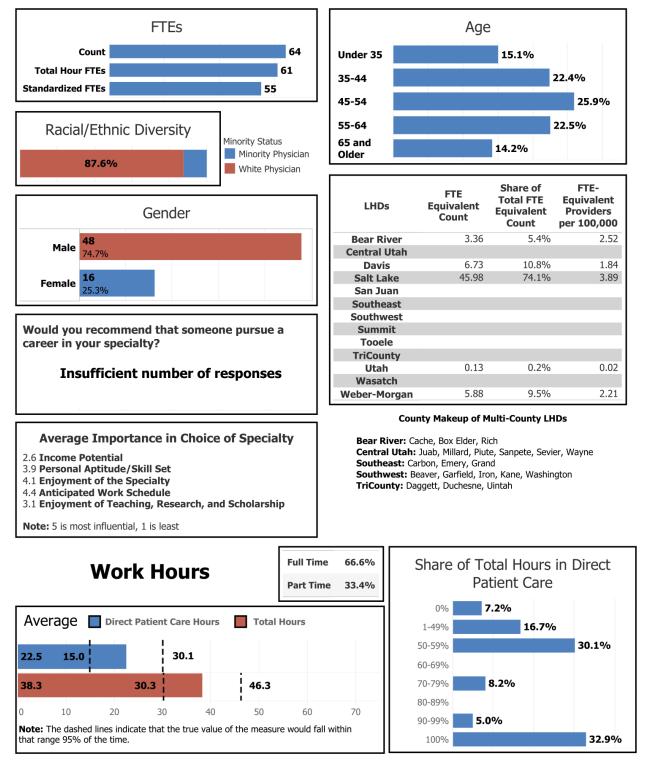
Basic Information and Demographics

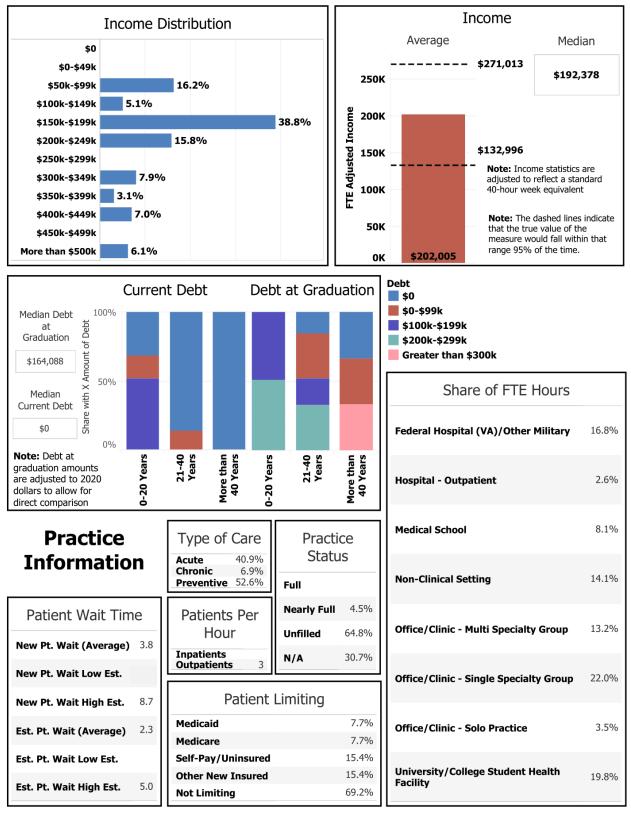


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Occupational Health

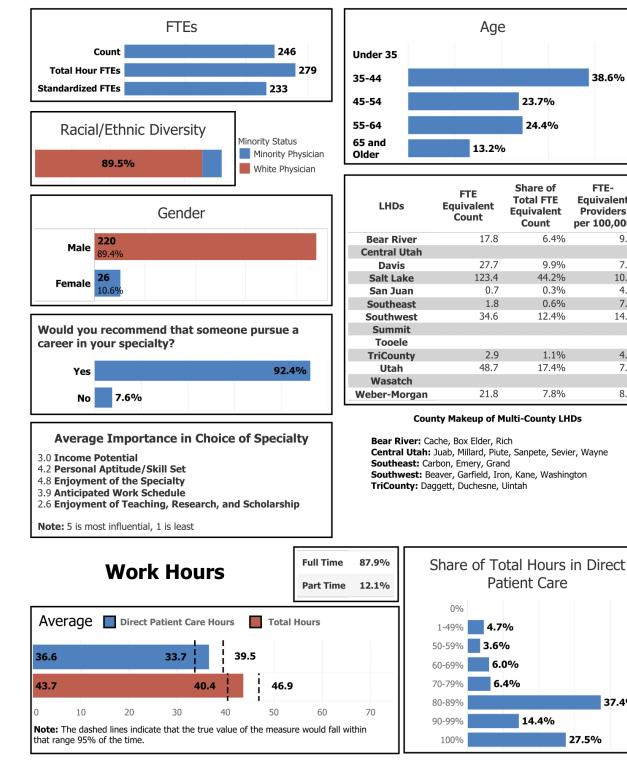




•••

106

Ophthalmology



Basic Information and Demographics

38.6%

FTE-

Equivalent

Providers

per 100,000

9.3

7.6

10.4

4.1

7.7

4.7

7.2

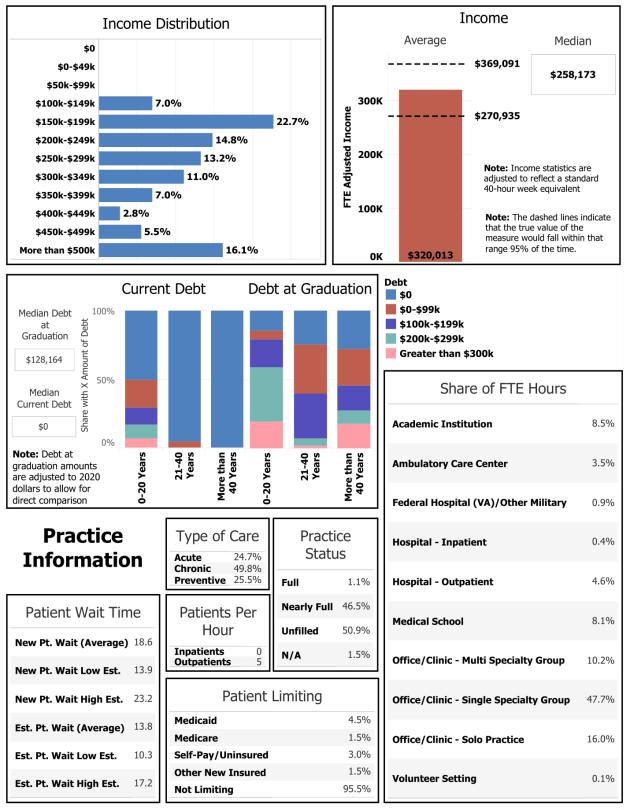
8.2

37.4%

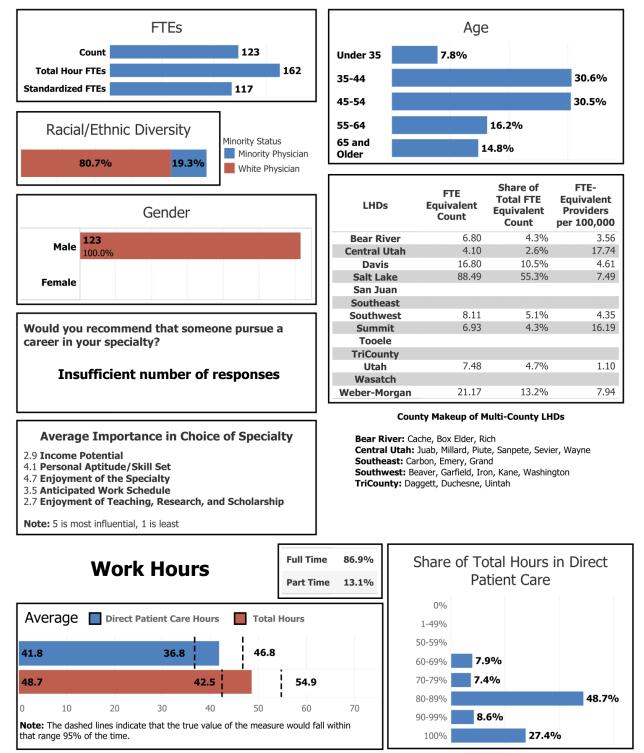
27.5%

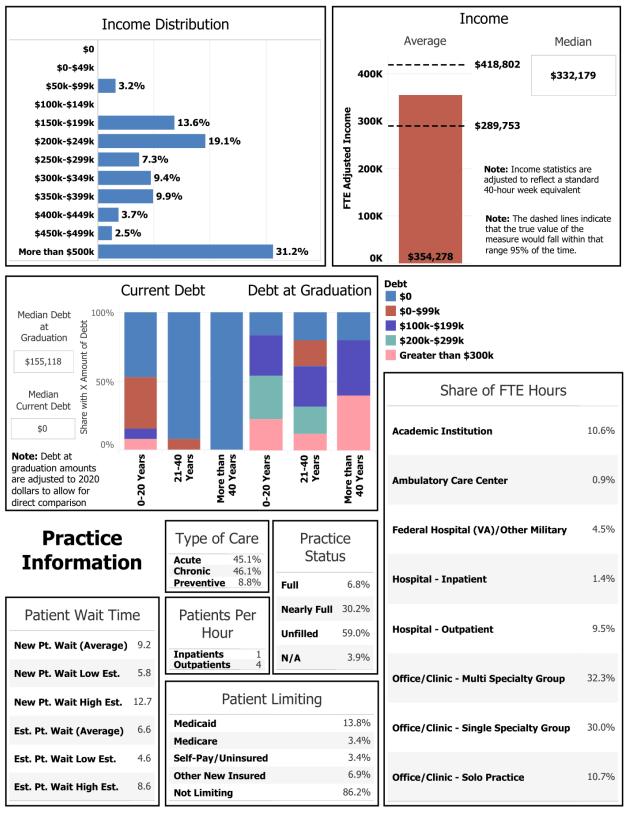
14.3

. . .



Otolaryngology (ENT)





Pathology (General and Subspecialties)

10

that range 95% of the time.

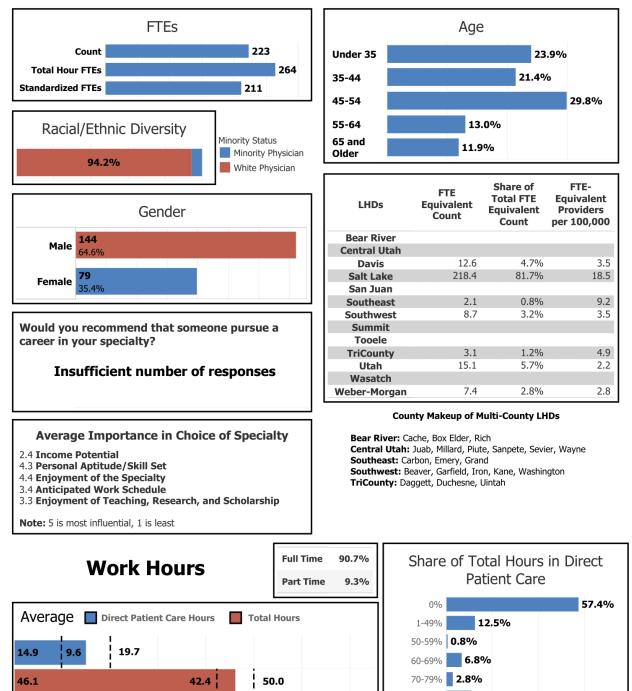
20

30

Note: The dashed lines indicate that the true value of the measure would fall within

40

50



Basic Information and Demographics

•••

60

70

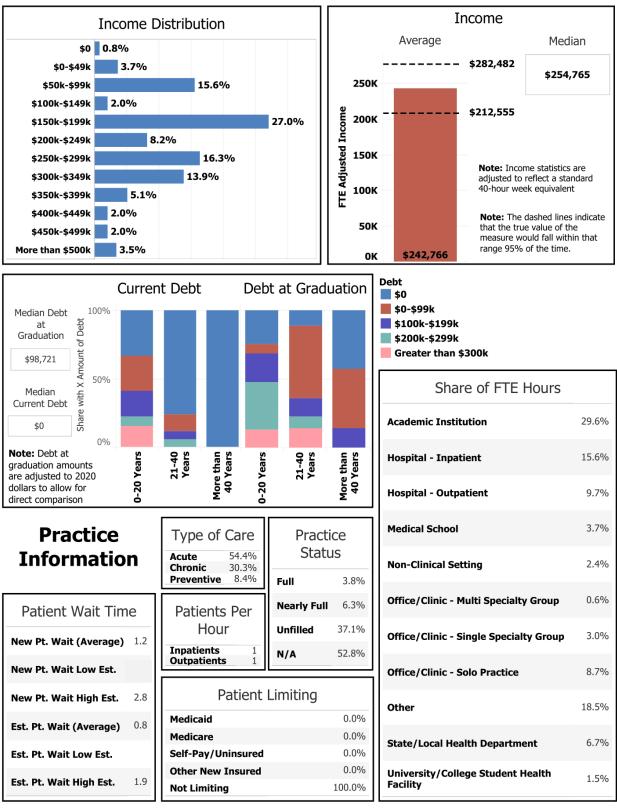
80-89%

90-99% **1.4%**

100% 7.5%

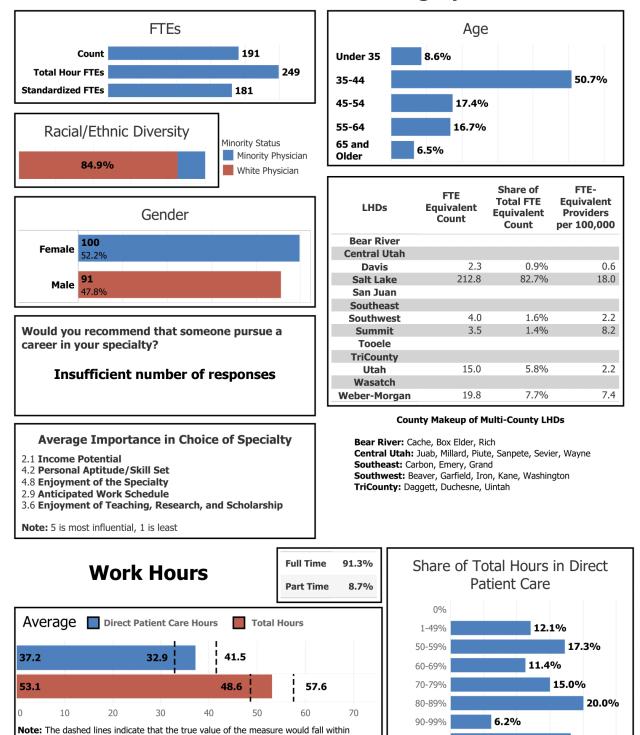
10.9%

111



Pediatrics (Subspecialties)

that range 95% of the time.

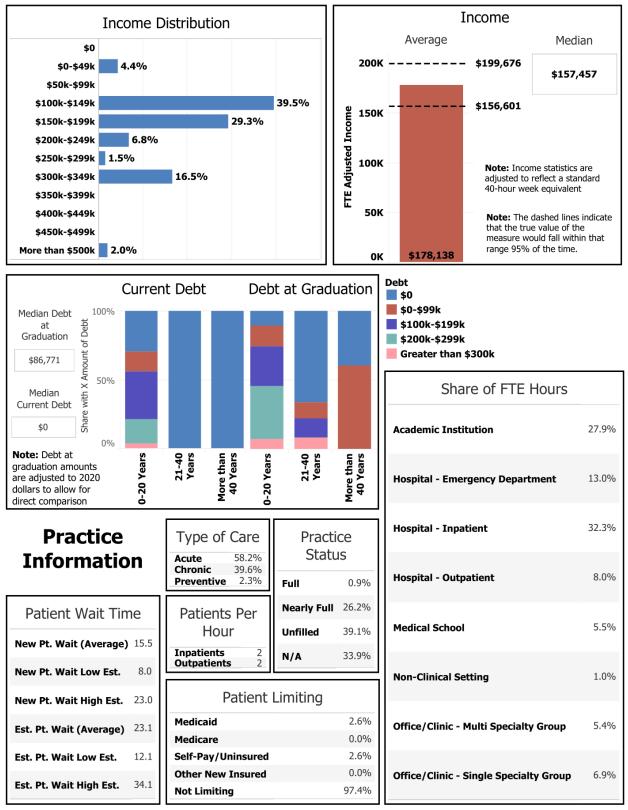


Basic Information and Demographics

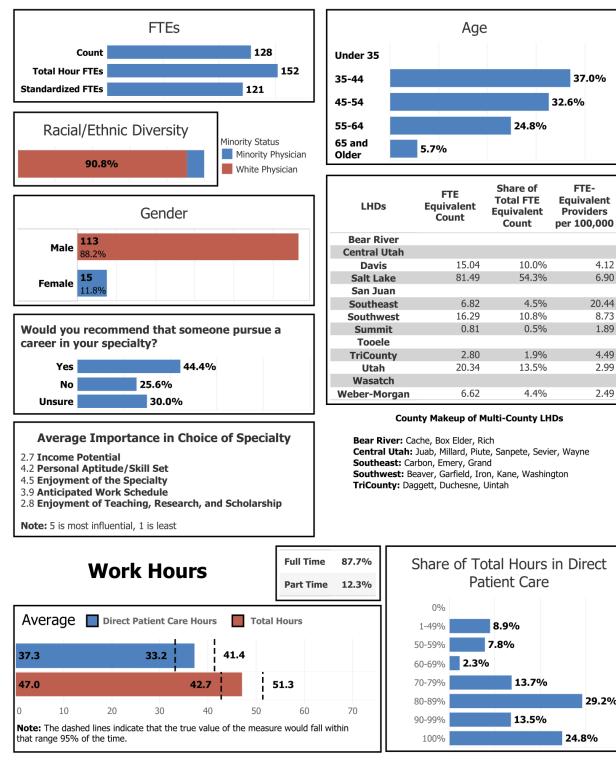
• • •

100%

18.1%



Physical Medicine and Rehabilitation



Basic Information and Demographics

37.0%

FTE-

4.12

6.90

20.44

8.73

1.89

4.49

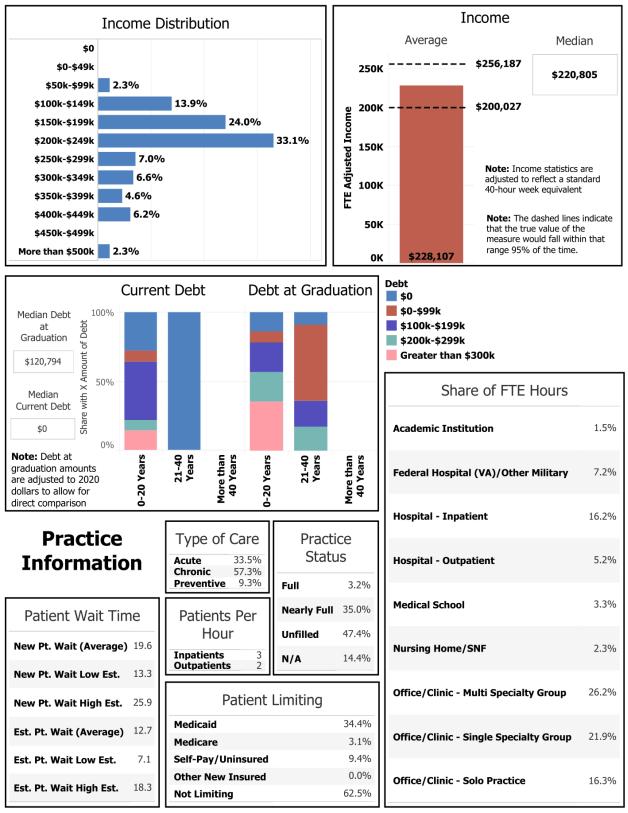
2.99

2.49

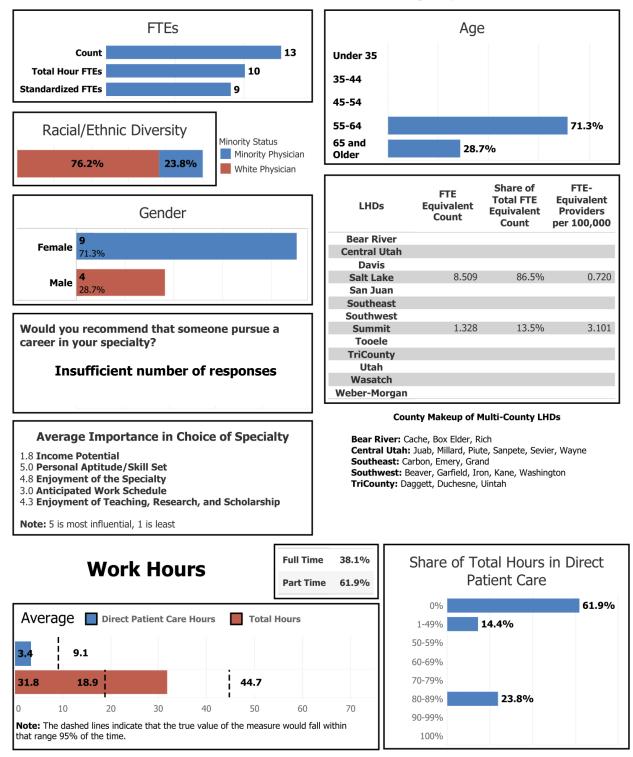
29.2%

. . .

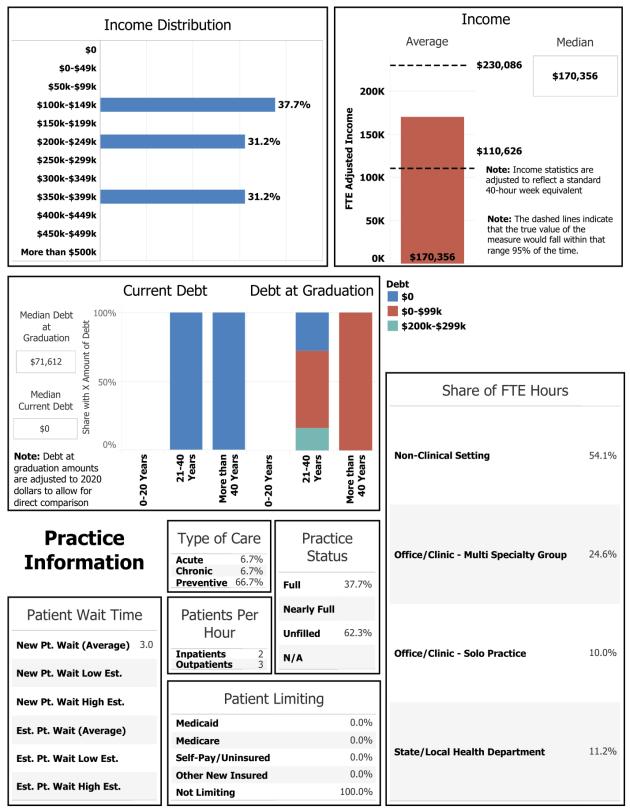
115



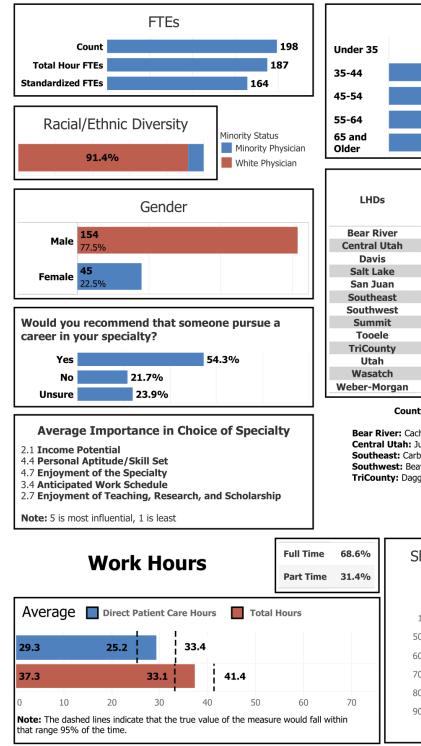
Preventive Medicine/Public Health



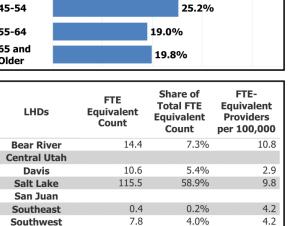
Basic Information and Demographics



Psychiatry (General)



Basic Information and Demographics



Age

36.0%

15.8

3.3

6.8

County Makeup of Multi-County LHDs

6.8

22.5

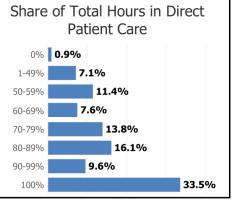
18.0

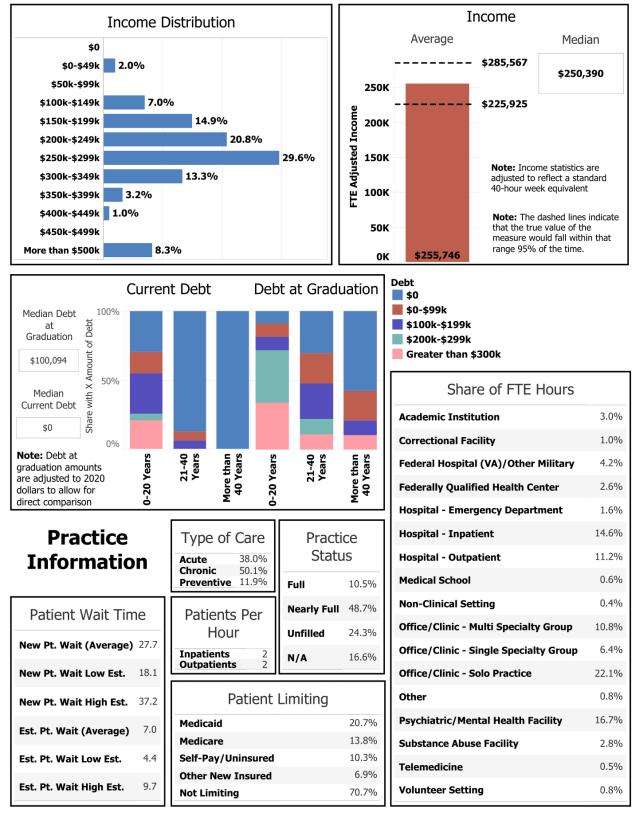
3.4%

11.5%

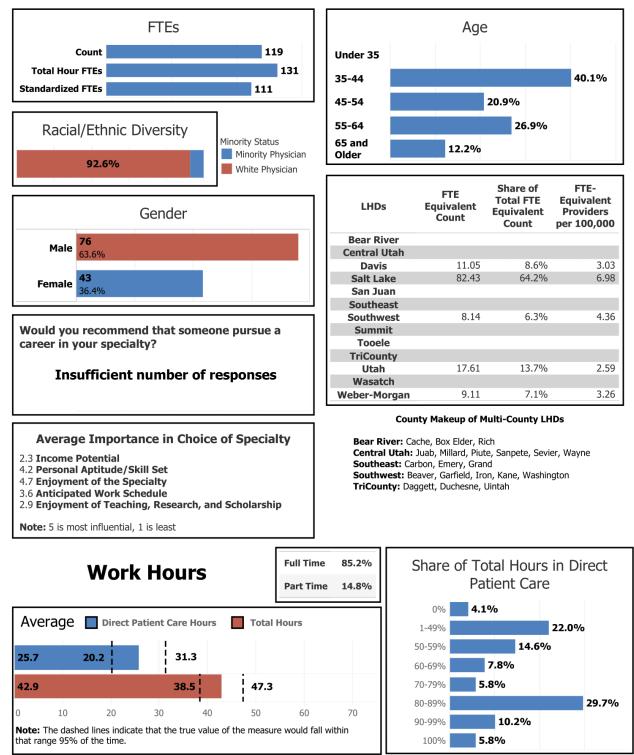
9.2%

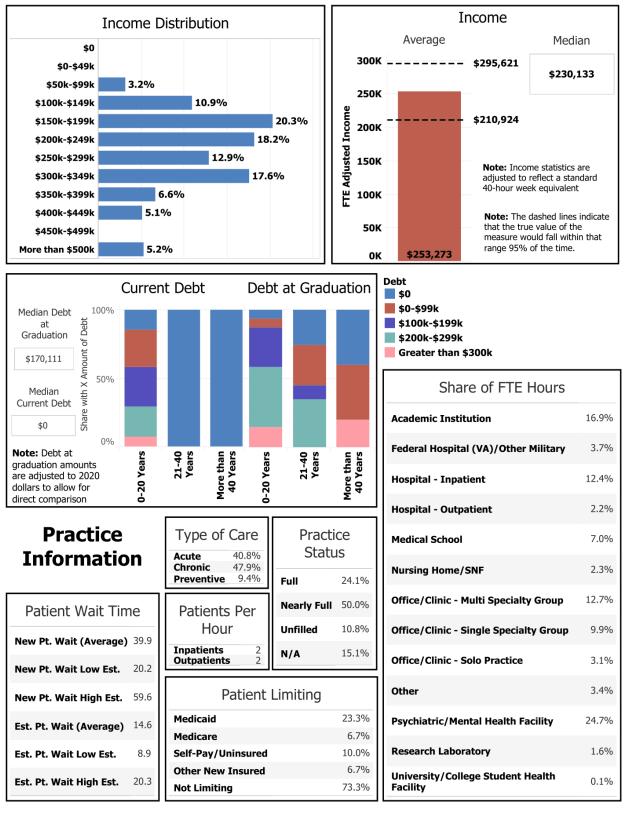
Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah



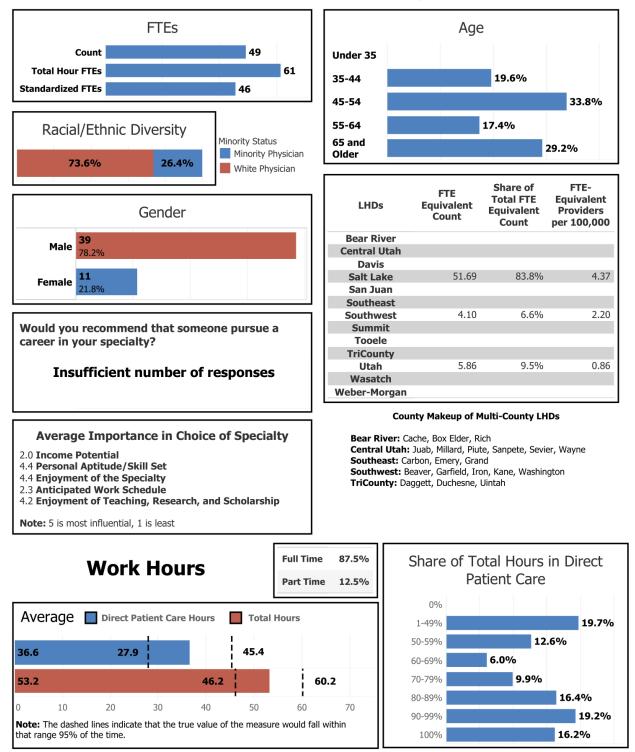


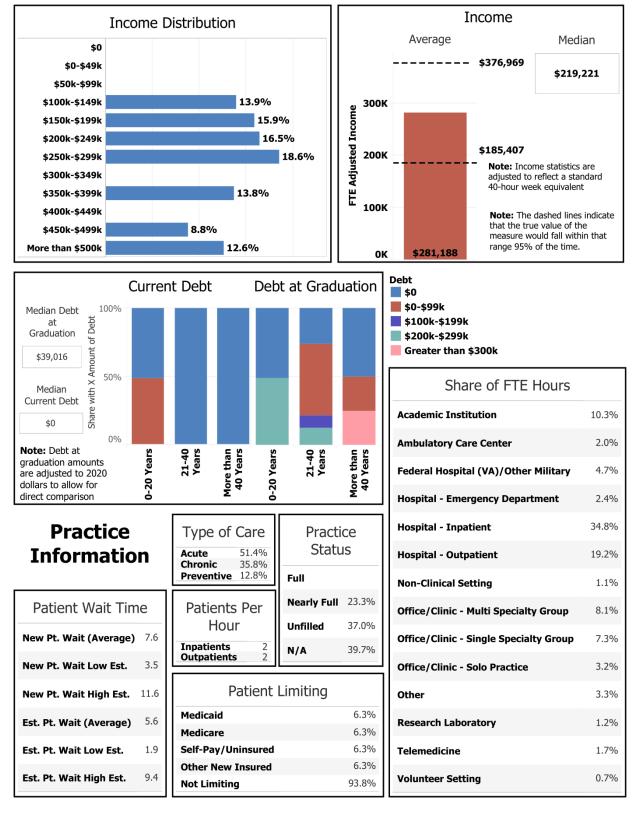
Psychiatry (Child and Adolescent Psychiatry and Other Subspecialties)



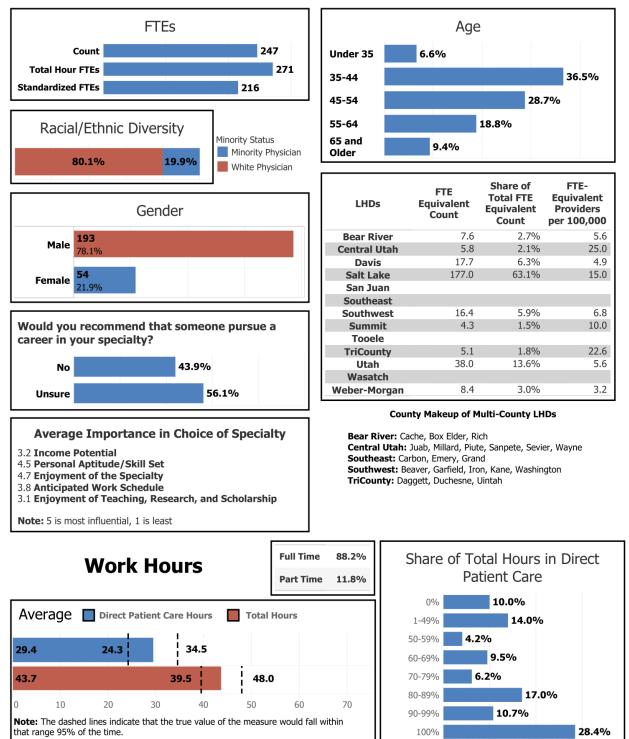


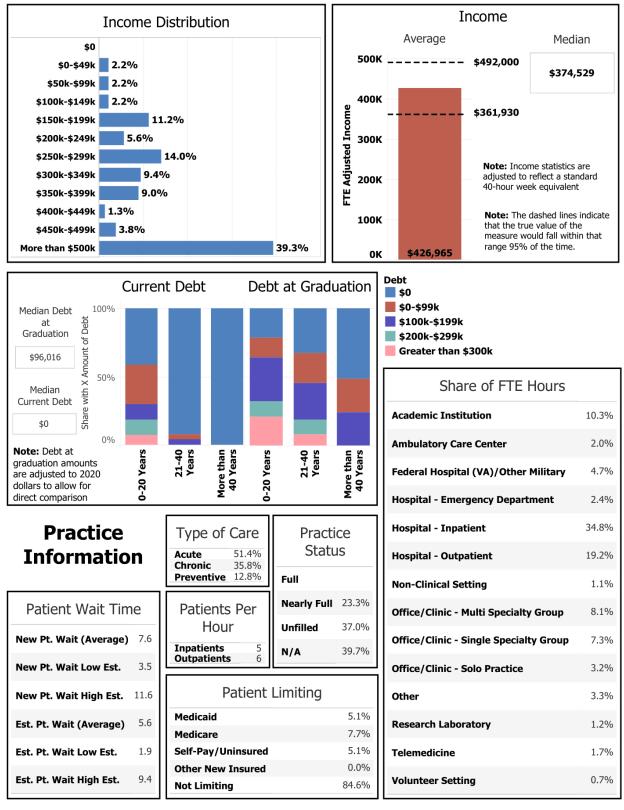
Pulmonology



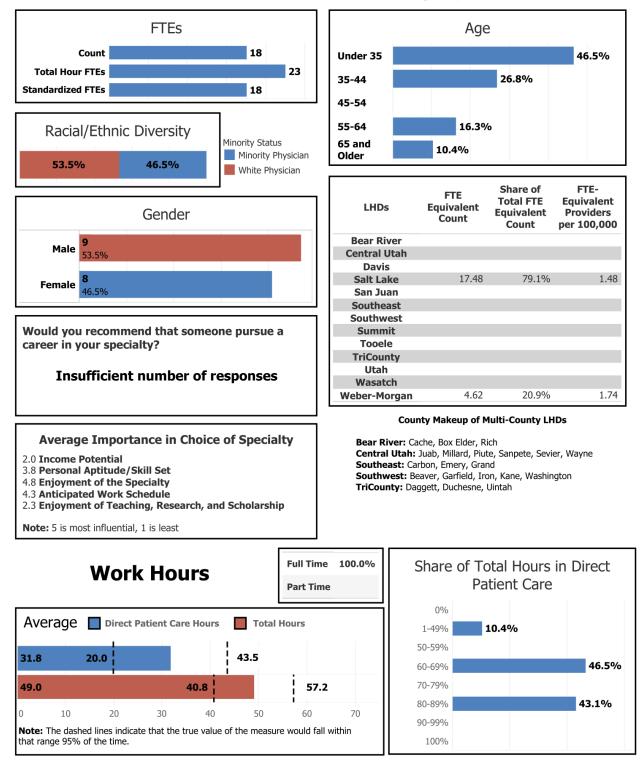


Radiology (Diagnostic, Interventional, Therapeutic/Radiation)





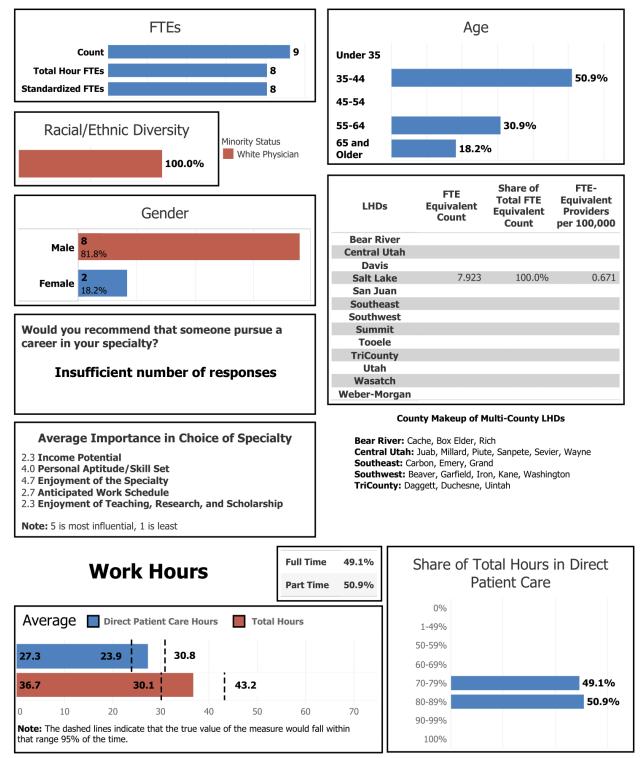
Rheumatology



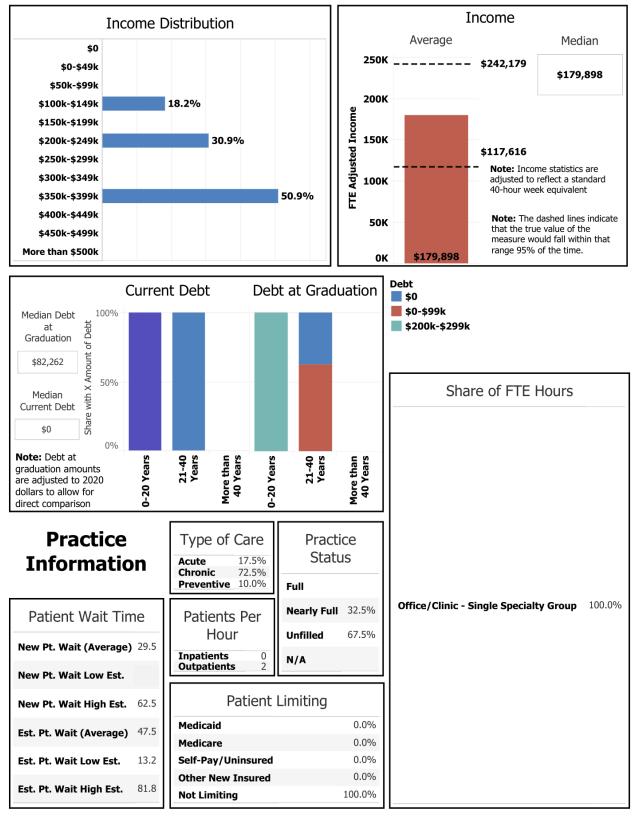


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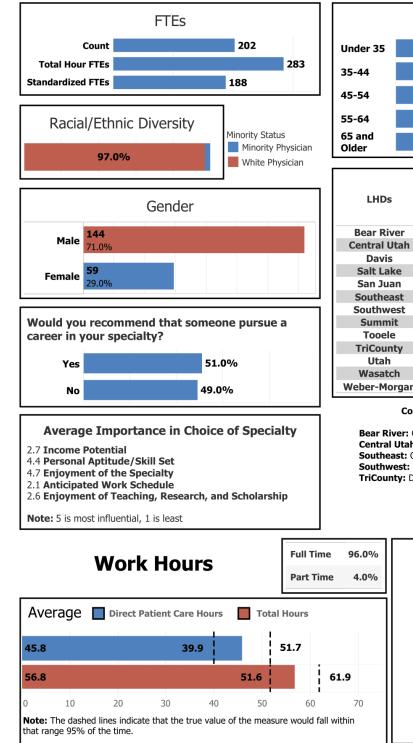
Sleep Medicine



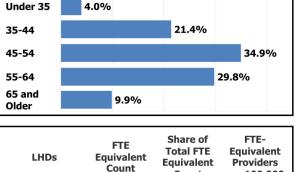
Basic Information and Demographics



Surgery (General)



Basic Information and Demographics

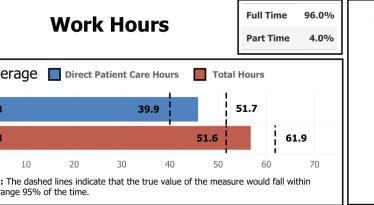


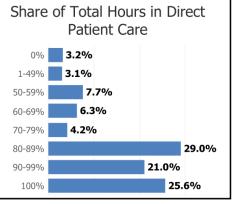
Age

LHDs	Equivalent Count	Equivalent Count	Providers per 100,000
Bear River	18.5	6.5%	9.6
Central Utah	6.4	2.2%	14.3
Davis	33.6	11.7%	9.2
Salt Lake	121.7	42.5%	10.3
San Juan			
Southeast	4.1	1.4%	38.4
Southwest	12.3	4.3%	6.6
Summit	9.2	3.2%	21.4
Tooele	8.5	3.0%	11.5
TriCounty	6.1	2.1%	27.1
Utah	40.4	14.1%	6.0
Wasatch	1.8	0.6%	5.0
Weber-Morgan	23.8	8.3%	8.9

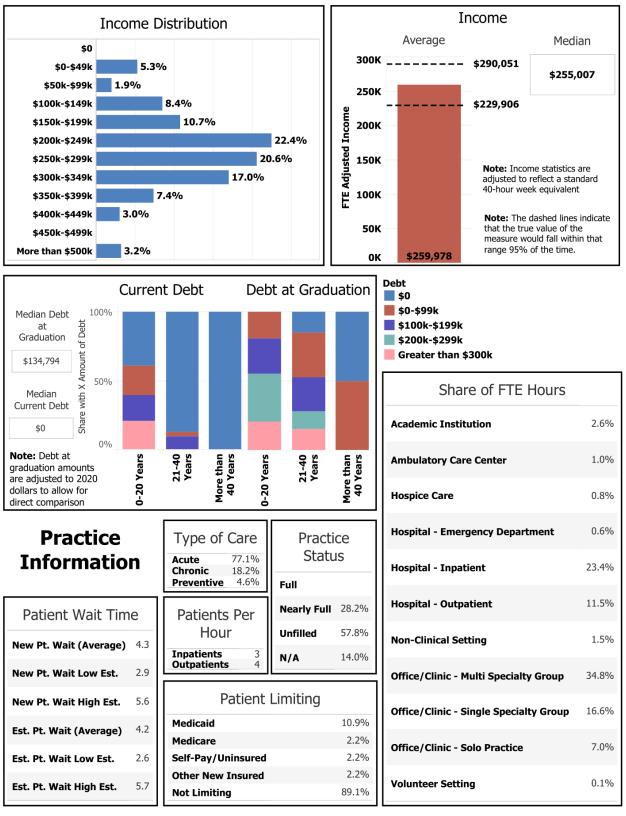
County Makeup of Multi-County LHDs

Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah

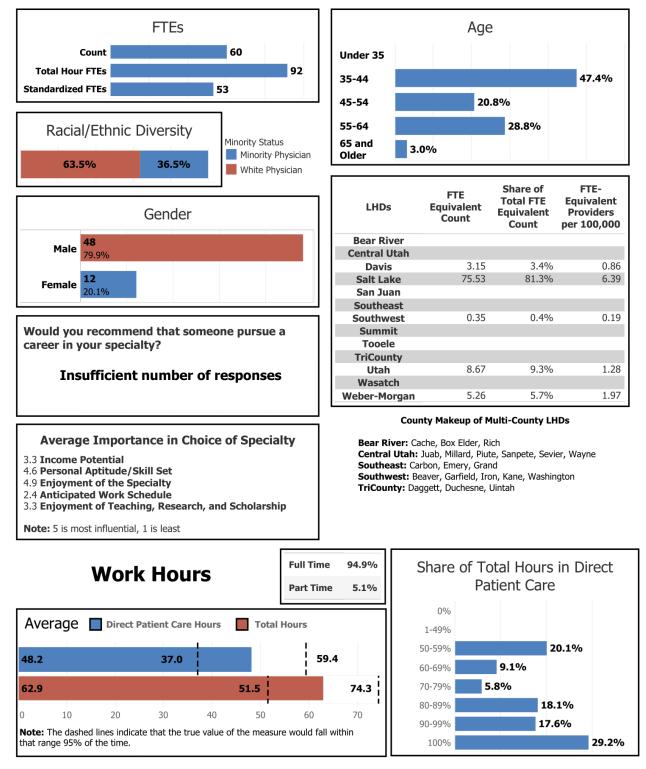




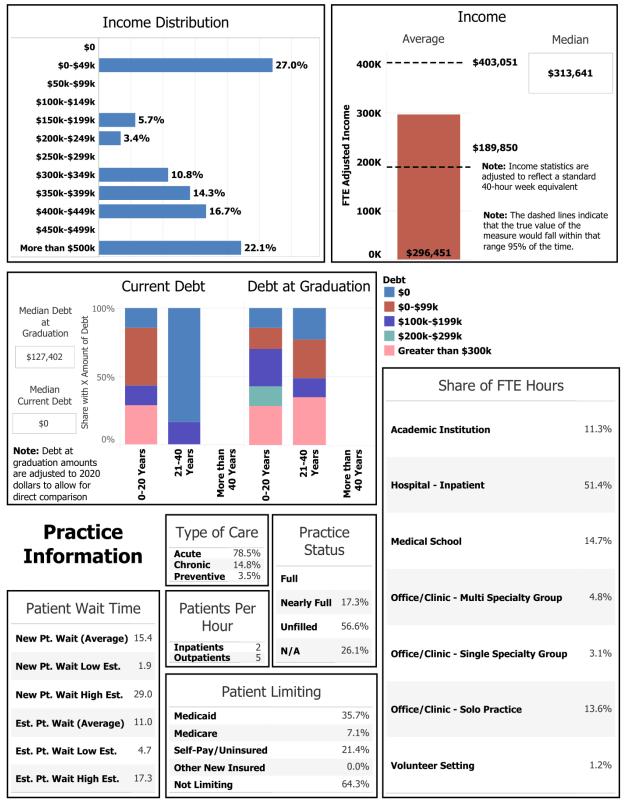
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Surgery (Neurological)



Basic Information and Demographics



Surgery (Orthopaedic)

48.7

10

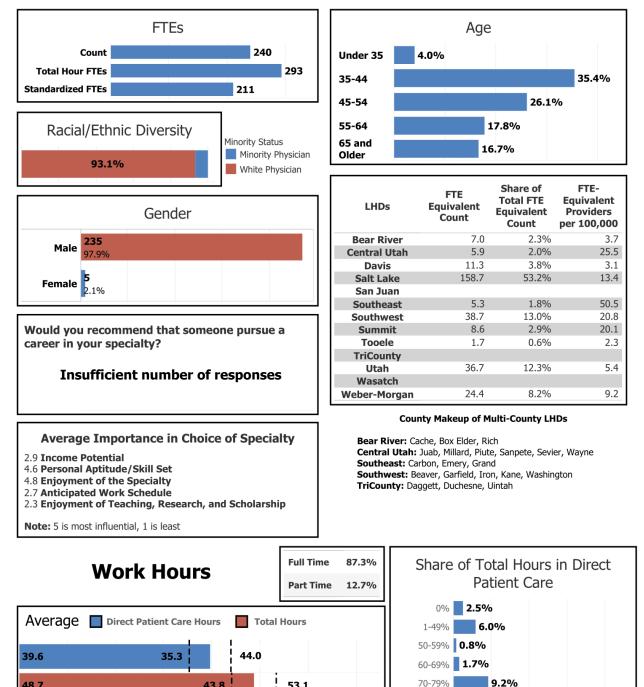
that range 95% of the time.

20

30

Note: The dashed lines indicate that the true value of the measure would fall within

n



Basic Information and Demographics

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53.1

60

70

50

80-89%

90-99%

100%

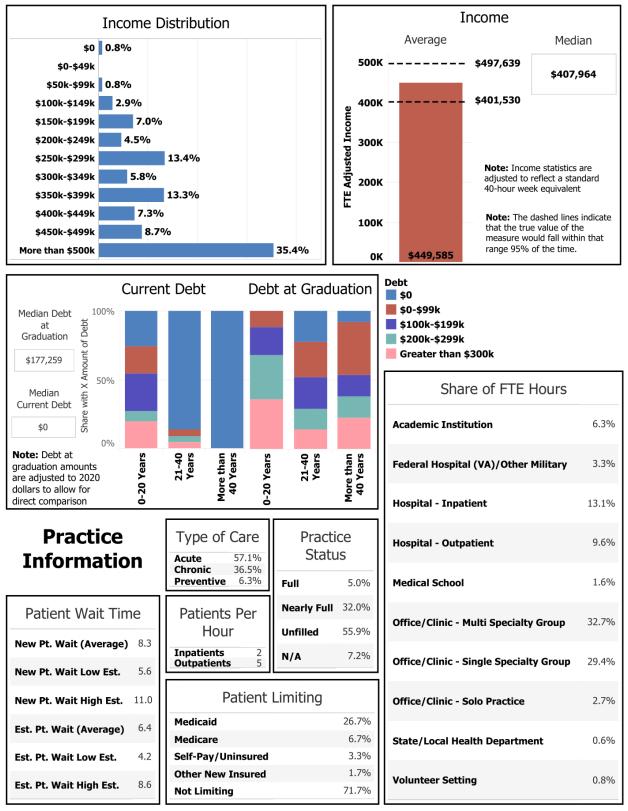
35.1%

21.5%

23.2%

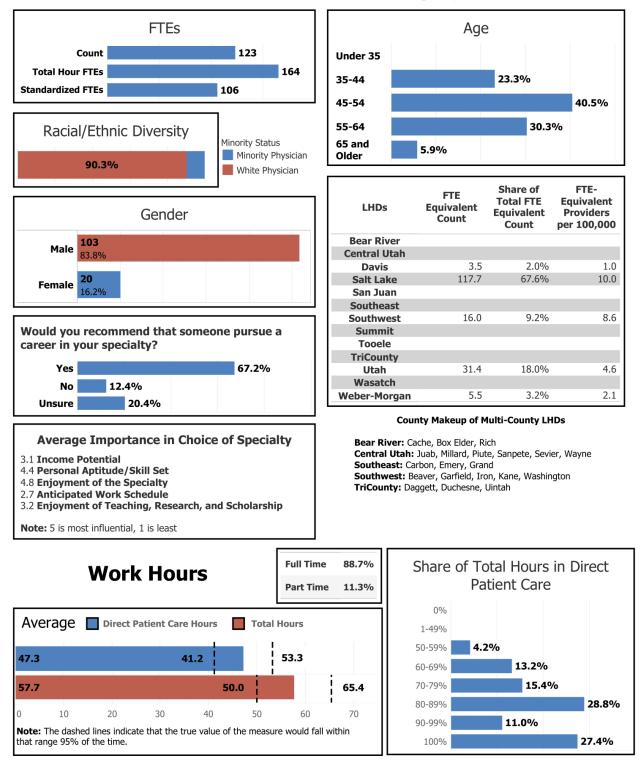
43.8

40

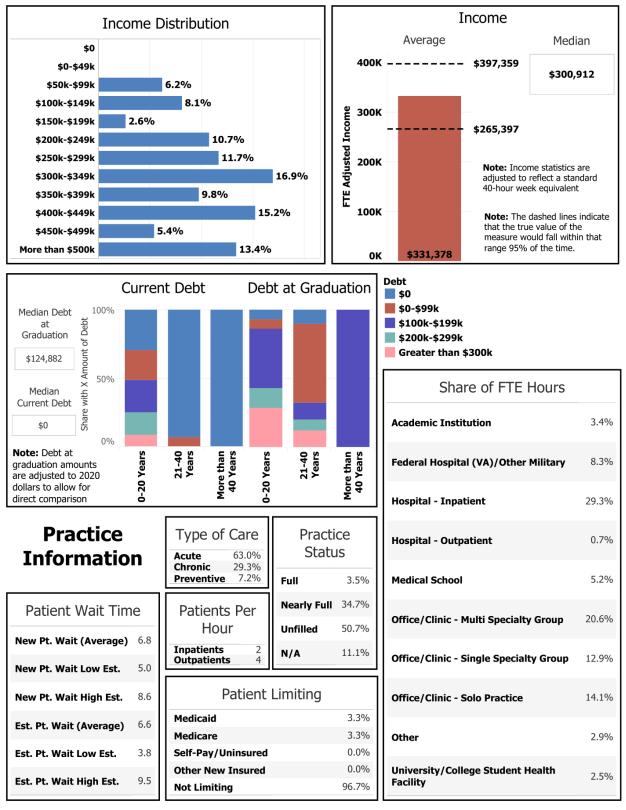


104

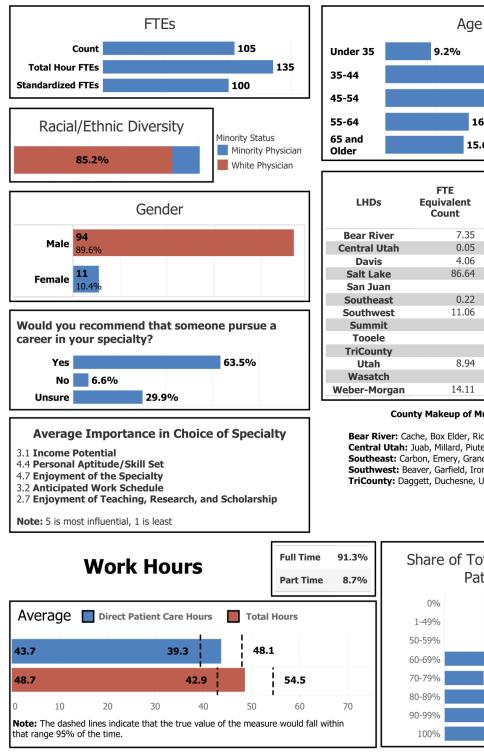
Surgery (Other — Cardiothoracic, Colon and Rectal, Vascular, Other)



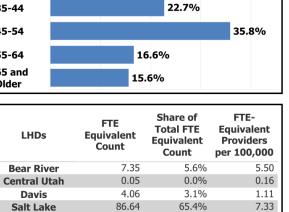
Basic Information and Demographics



Surgery (Plastic)



Basic Information and Demographics



14.11 10.7% **County Makeup of Multi-County LHDs**

0.2%

8.4%

6.8%

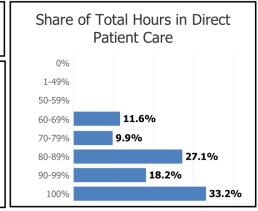
2.11

5.93

1.32

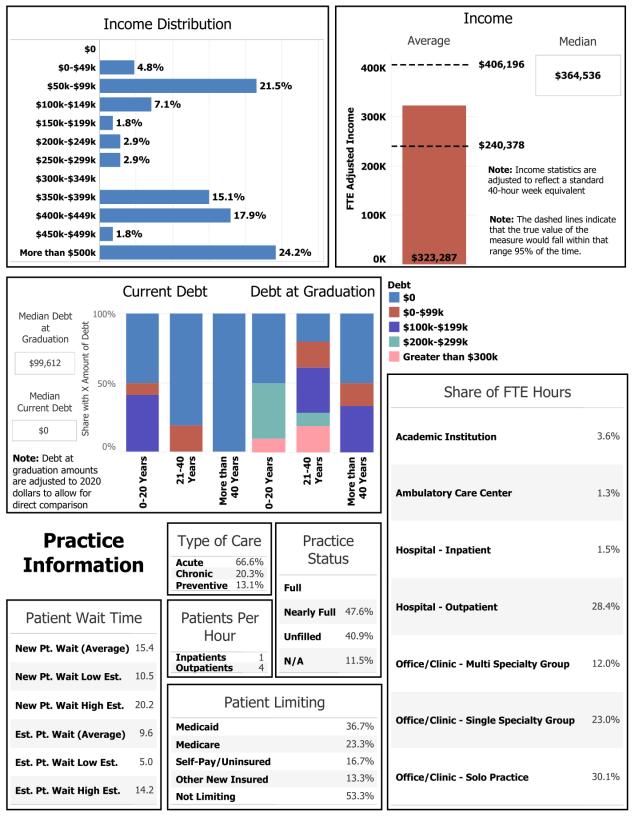
5.29

Bear River: Cache, Box Elder, Rich Central Utah: Juab, Millard, Piute, Sanpete, Sevier, Wayne Southeast: Carbon, Emery, Grand Southwest: Beaver, Garfield, Iron, Kane, Washington TriCounty: Daggett, Duchesne, Uintah



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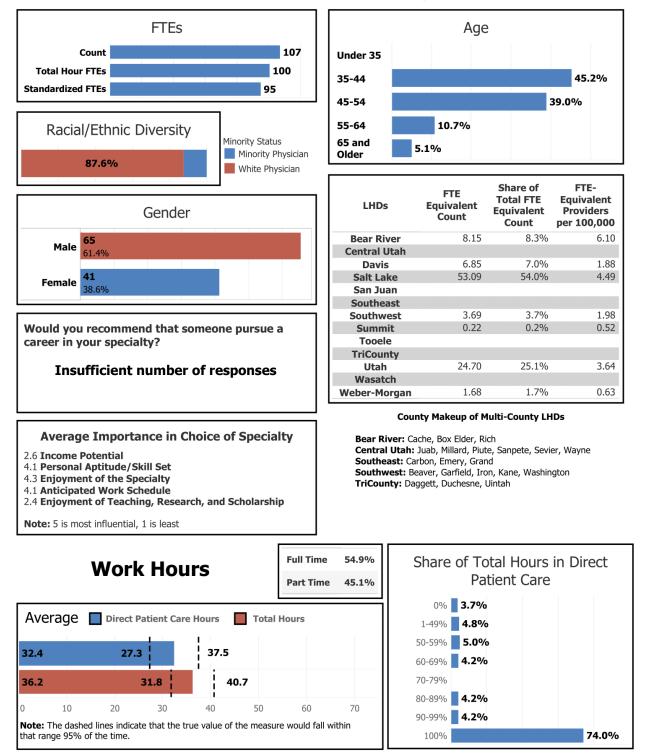
139



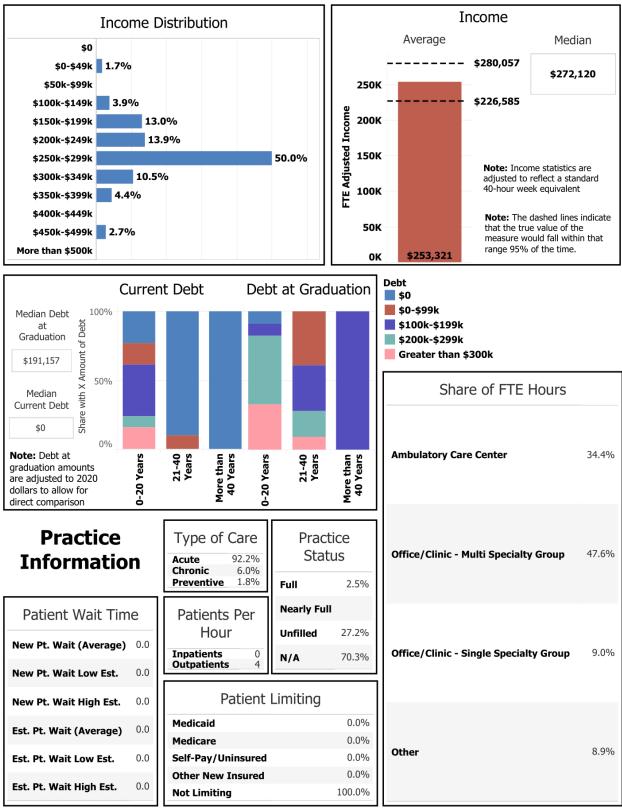
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140

Urgent Care Medicine

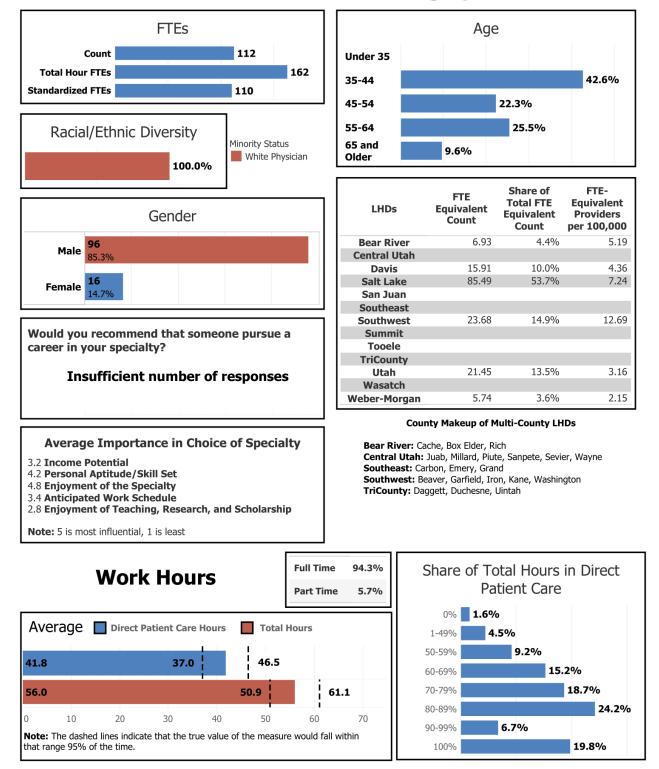


Basic Information and Demographics

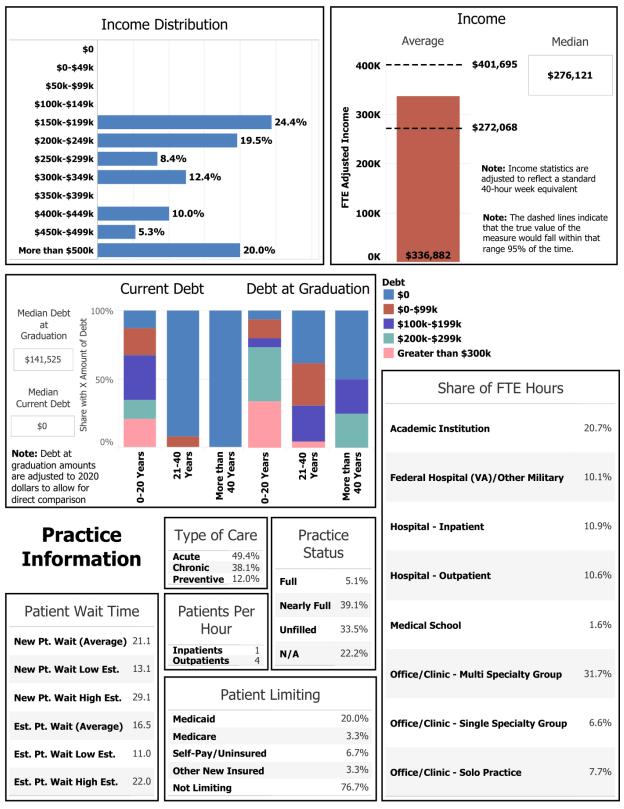


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Urology



Basic Information and Demographics



APPENDICES

PREVIOUS UMEC PROJECTION MODELS

Figure 39: UMEC Projection Model, 2015

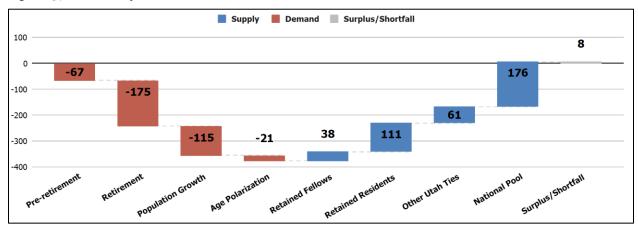
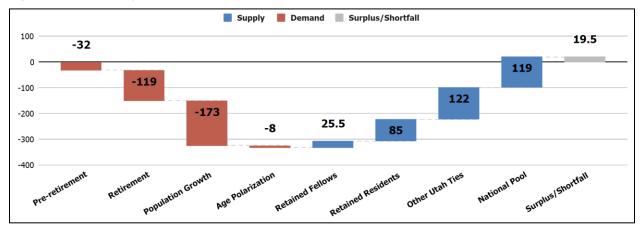


Figure 40: UMEC Projection Model, 2010



METHODOLOGY

DATA COLLECTION

The 2019 Utah Physician Workforce Survey (see "Survey Instrument" on page 146) was sent to 12,318 physicians licensed in the state of Utah with a domestic address as of September 2019. This data was provided through a memorandum of understanding the UMEC has with the Utah Department of Occupational and Professional Licensing (DOPL). Over the course of three mailings between November 2019 and May 2020, 3,710 responses were collected, 2,781 from returned paper surveys and 929 from completed online surveys, for a response rate of 30.7%.

DATA VERIFICATION

Reported numbers for the share of value-based payments was checked against more comprehensive data directly from insurers covering 226 million Americans (Health Care Payment Learning & Action Network, 2018). Their data from 2017 shows a higher share of payments tied to value-based care than Utah physicians reported in 2020. This discrepancy led to the decision to not report data collected on this measure and the measure of the share of sliding scale payments, which is assumed to suffer from similar validity issues.

No primary care physicians were reported in UMEC survey data from Emery, Piute, Morgan, or Daggett counties. The Utah Department of Health's data from 2017 (most recently available data) also indicates that no primary care physicians are practicing in Daggett or Piute Counties; however, Morgan and Emery Counties do have primary care physicians on record (UDoH, 2017). No specialists were reported in UMEC survey data from Daggett, Emery, Garfield, Millard, or Wayne Counties. UDoH does not report counts for specialist physicians so a simple google search was performed, which found specialist physicians practicing in Garfield and Millard counties.

Survey data were analyzed to see if weighting was needed for age, gender, and county. Ultimately, weighting for county was unnecessary and weighting was applied to the age and gender cohorts as shown in *Table 23* and a design effect of 1.2 was applied to margin of error estimates.

Age and Gender Cohort	Weight
Under 35, Male	2.91
Under 35, Female	2.46
35-44, Male	1.42
35-44, Female	1.49
45-54, Male	1.26
45-54, Female	1.24
55-64, Male	0.86
55-64, Female	0.91
65 and Over, Male	0.55
65 and Over, Female	0.51

Table 23: Age and Gender Weights

This demographic weighting was then weighted by 3.26 to account for overall non-response.

SURVEY INSTRUMENT

Utah Medical Education Council 230 South 500 East, Suite 210 Salt Lake City, Utah 84102



Dr. «First Name» «Last Name» «Addr Line 1» «Addr Line 2» «City», «State» «ZIP»



Utah Medical Education Council

hair <u>Cranr</u> Wayne M. Samuelson, MD

Members John Berneike, MD

Gar Elison

C. Gregory Elliot, MD

Douglas D. Gray, MD

Mark Hiatt, MD, MBA, MS

Sue Wilkey, DNP

Mary Williams, Ph.D., RN

Physician Workforce Advisory Committee Members

<u>Members</u> Marc Babitz, MD Tim Farrell, MD David Park, DO Brad Poss, MD

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Utah Medical Education Council 2020 Physician Workforce Survey

Dear Dr. «Last_Name»

The Utah Medical Education Council, in collaboration with the University of Utah and Intermountain Healthcare and with cooperation from the Utah Division of Occupational and Professional Licensing, requests your continued support and partnership in updating the status of Utah's physician workforce by completing the included survey. Your participation in previous surveys has generated critical data for physician workforce development and planning to meet the healthcare needs of Utah. Analysis and information from this work can be found at www.umec.utah.gov.

We recognize that some of the information required is personal in nature and we are committed to maintaining your privacy. Only de-identified, aggregate data will be published. For any questions regarding this survey, please contact Clark Ruttinger at (801) 526-4564 or crutting@utah.gov. For any technical issues arising while taking the online survey, please contact Jared Staheli at (801) 526-4552 or jstaheli@utah.gov.

Please return the completed survey to the UMEC within 30 days in the enclosed postage paid envelope OR simply take the survey online at umec.utah.gov/2020-survey using the following code: «ExternalDataReference»

Sincerely,

Richard Campbell Executive Director Utah Medical Education Council

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David J. Park, DO Vice President and Dean of the Southern Utah Campus Rocky Vista University

Timothy W. Farrell, MD Associate Professor of Medicine University of Utah School of Medicine Utah Department of Health

du. Brady Bas

Brad Poss, MD Associate Dean for Graduate Medical Education University of Utah Health

Marc E. Babitz, MD

Deputy Director

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2020 Utah Physician Workforce Survey

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			lical licens nly) <i>in Uta</i>		to Q
position	that requi	res a med	to soon be lical licens nly) <i>in and</i>	e (includir	na to Q2
	Il doing so		other than hat require		
	IO work the		ner than m a medica		≗., Go toQ4
lf you are wo				Utah, plea	ase
specify why y	/ou mainta	in a Utah	license:		
indicate how	influential	each of th			
indicate how	influential	each of th			
If you are we indicate how choice to wor Family	influential k outside 1 - Least	each of th of Utah.	e following	factors we	5 - Most
indicate how choice to wor Family Lifestyle	influential k outside 1 - Least	each of th of Utah.	e following	factors we	5 - Most
indicate how choice to wor Family Lifestyle Wage/ Payscale	influential k outside 1 - Least	each of th of Utah.	e following	factors we	5 - Most
indicate how choice to wor Family Lifestyle Wage/ Payscale Work	influential k outside 1 - Least	each of th of Utah.	e following	factors we	5 - Most
indicate how choice to wor Family Lifestyle Wage/ Payscale Work environment Climate/	influential k outside 1 - Least	each of th of Utah.	e following	factors we	5 - Most
indicate how choice to wor Family Lifestyle Wage/ Payscale Work environment Climate/ Weather	influential k outside 1 - Least	each of th of Utah.	e following	factors we	5 - Most
indicate how choice to wor Family Lifestyle Wage/ Payscale Work environment Climate/ Weather Other	influential k outside of 1 - Least influential	each of th of Utah.	3	factors we	5 - Most
indicate how choice to wor	influential k outside of 1 - Least influential	each of th of Utah.	3	factors we	5 - Most

Q4 If you are working in a field other than medicine (either solely or primarily), why is that the case? Please also specify if you plan to return to either full- or part-time work in medicine.

IF YOU DO NOT PRACTICE MEDICINE IN THE STATE OF UTAH OR HAVE RETIRED FROM PRACTICING MEDICINE, PLEASE STOP HERE AND RETURN THE SURVEY IN THE INCLUDED PRE-PAID ENVELOPE. THANK YOU FOR YOUR TIME.

Q5	Which of the following descr that apply:	ibes your race or ethnicity? Mark all
	American Indian/Alask	a Middle Eastern or North
	Asian	Native Hawaiian/Other
	Black or African	Pacific Islander
	Hispanic, Latino, or	White/Caucasian Other race or ethnicity
	Spanish origin	
	If you marked "Other" pleas	e specify:
Q6	Where did you spend the m	ajority of your upbringing?
	*If there are multiple location spent the majority of your tir	ns, enter the location where you me from ages 14-18.
	State (if in U.S.)	
	State (inin 0.5.)	
	Country (if not in U.S.)	
Q7		describe the area(s) where you was when you grew up there)? Mark
	Rural	Suburban Urban
Q8	Where did you complete you	ur medical degree?
	State (if in U.S.)	
	Country (if not in U.S.)	
	MD or DO?	
	Year of graduation	
	Private (enter 01) or public/state (enter 02) school?	
locatio comple	n of ALL the internships, re	indicate the specialty and the sidencies, or fellowships you have d in). If there are more than three, be grams.
specia	a code from LIST A to indica ine would be represented by ity or subspecialty (codes 05 specify.	ate the specialty (e.g., general family code "11"). If indicating an "other" ; 23, 29, 33, 35, 41, 55, or 58),
Q9	Program 1	
	State	
	Specialty	
	If "other" please specify:	
Q10	Program 2	
	State	
	Specialty	
	If "other" please specify:	

		Q18 Please describe your primary and secondary (if applicable) speciality:
State		"Enter the code from LIST A which best indicates your specialty(ies) (e.g., general family medicine would be
Specialty		represented by code "11"). If indicating an "other" specialty or subspecialty (codes 05, 23, 29, 33, 35, 41, 55, or 58), please specify.
If "other" please spec	äfy:	Briman Spesialty
	mount of educational debt you <u>currently</u> cal training, as well as the total amount you	Primary Specialty
	training at the time you graduated from	If "other" please specify: Board-certified/board-
When responding, ex	<u>colude</u> any pre-medical (e.g.,), tangential (e.g., residency relocation	eligible? Enter Y or N
loans), and non-educ *Enter a code from L	ation debt (e.g., car loans, credit card debt) IST B to indicate your level of debt (e.g.,	Secondary Specialty
S120,000 of debt wol	uld be represented by code "06").	If "other" please specify:
education debt		Board-certified/board- eligible? Enter Y or N
Medical education de time of graduation		Q19 Please indicate how influential each of the following factors were in your choice of <u>primary</u> specialty.
income, excluding b		1 - Least 5 - Most influential 2 3 4 influentia
	IST B to indicate your income (e.g., epresented by code "11").	Income potential
\square		Enjoyment of the speciality
	primary and secondary (if applicable)	Personal aptitude/skill set
	.*Enter the code from UST C which best etting(s) (e.g., a multi-specialty clinic would	
		Enjoyment of
Primary Setting If you indicated "othe		research, and/or
(code 24), please spe		scholarship Other
Secondary Setting		If you indicated "other" please specify:
If you indicated "othe (code 24), please spe		
	fellowship, have you <u>voluntarily</u> switched within the past <u>two years</u> ?	Applies to questions 20 and 21: For your primary and secondary (if applicable) practice sites, please indicate the ZIP code of each site. In
Yes Go to Q10	No Go to Q18	addition, please estimate the total hours worked per week (not including on-call) at each practice location AND the number of hours.
work setting you left a	e list of settings in LIST C to indicate the and the work setting you moved to. nultiple times in the past two years, respond t instance.	you spend in direct patient care each week (including charting, telemedicine, and direct patient care combined with teaching/training of
Left		Make sure the hours reported in direct patient care hours/week is less than or equal to total hours/week.
If you indicated "othe		Q20 Primary Site
(code 24), please spe	ecify:	ZIP code
Moved to		Total hours/week
If you indicated "othe (code 24), please spe		Direct patient care
Q17 If YES, please indical setting. Mark all that	te the reason(s) for this change of work apply:	Q21 Secondary Site
Better work/edu		ZIP code
Desire for chan	ge Preferred hours Professional	Total hours/week
Higher pay More challengir	advancement	Direct patient care hours/week
Moved resident	Work responsibilities	Q22 At what age do you plan to retire?
If you indicated "other	r" please specify:	Q23 Prior to retirement, do you plan to reduce the number of hours
ii you indicated othe	· · · · · · · · · · · · · · · · · · ·	you practice per week?

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Q24	If YES, please specify:	Q34	The share (%) of inpatients ages:
	How many <u>vears from now</u> you plan to reduce your hours		*Total should equal 100%
	How many hours per week you will practice after reducing your hours		0-19 (%)
	s to questions 25 and 26: If you DO provide direct patient care, estimate what percent of your direct patient care time is spent in		20-84 (%)
	lowing types of care.		65-84 (%)
Q25	Primary Site (total should equal 100%)	025	85+ (%)
	Preventive Care (%)	455	The share (%) of <u>outpatients</u> ages: *Total should equal 100%
	Acute Care (%)		0-19 (%)
	Chronic Care (%)		20-64 (%)
Q26	Secondary Site (total should equal 100%)		65-84 (%)
	Preventive Care (%)		85+ (%)
	Acute Care (%)	Q36	Please estimate the <u>share (%)</u> of patients you see from each of the following coverage statuses in your primary setting, if
	Chronic Care (%)		applicable. "Total should equal 100%
Q27	If you <u>DO NOT</u> provide direct patient care, how many <u>years</u> has it been since you did?		Private Insurance/Managed Care (%)
	estions 28 through 31, please indicate the <u>average number of</u>		Medicare, including Medicare Advantage and Dual Eligible patients (%)
activit	es.		Medicaid (%)
not ex	otal number of hours spent on non-patient care activities should ceed total hours/week minus direct patient care hours/week as		Self-Pay/Uninsured (%)
	ed in Questions 20 and 21. Classroom Training of other Professionals (e.g., clinical		Charity Care (%)
	and/or classroom teaching of students without patient care)		VA/TRICARE/CHAMPVA (%)
	Primary Site (hrs/wk)	Q37	Please estimate the <u>share (%)</u> of patients you see paying under a sliding fee scale (i.e., income-
~~~	Secondary Site (hrs/wk)		adjusted payment scale) in your primary setting:
QZ9	Public Health Activities (i.e., activities aimed at impacting patient/community health that do <u>NOT</u> include direct pt. care)	Q38	Please estimate the <u>share (%)</u> of payments which come from value-based models (i.e., NOT <i>strictly</i> fee-for-service, including bundled payments,
	Primary Site (hrs/wk)		ACOs, MSSP, MIPS, etc.) in your primary setting:
	Secondary Site (hrs/wk)	Q39	In your primary setting, do you (or your clinic/facility) limit new patients in the following categories? Mark all that apply:
Q30	Administration/Practice Management (e.g., personnel management, budgeting, activities <u>NOT</u> in support of pt. care)		Medicaid Self-Pay/Uninsured
			Medicare (including Other New Insured
	Primary Site (hrs/wk)		opting out)
	Secondary Site (hrs/wk)	Q40	On average, how many <u>days</u> must the following types of patients wait for an appointment?
Q31	Consulting/Research (e.g., reports, applications, surveys, <u>NOT</u> in support of patient care)		
	Primary Site (hrs/wk)		New patient, Primary site (No. of days)
	Secondary Site (hrs/wk)		Established patient, Primary site (No. of days)
Q32	On a typical day, how many		New patient, Secondary site (No. of days)
	inpatients do you see per hour (if applicable)?		Established patient, Secondary site (No. of days)
033	On a typical day, how many	Q41	Please indicate the status of your primary and secondary practice location(s).
999	outpatients do you see per hour		Full: Cannot accept additional patients
-	(if applicable)?		Nearly full: Can accept a limited number of new patients Unfilled: Can accept many new patients; far from full MALM entities experiments for the second seco
	iestions 34 - 43, please feel free to consult with your practice on responses.		N/A: VA, military, or corrections or no direct pt. care is provided
For qu	estions 34 and 35, please estimate the percentage (%) of		Full Nearly full Unfilled N/A Primary
patien	ts you see (across all practice locations) from each of the ing age groups, if applicable.		Secondary
	0 0 0		

Q42	Please indicate the extent of your use of the following
	technology(ies) in your primary setting:

	Currently use	Plan to use	No plans to use
Electronic Medical/ Health Record (EMR/EHR)			
E-Prescribing System			
Clinical Health Information Exchange (CHIE/HIE)			
Telemedicine/Telehealth			
Technology-mediated patient contact/outreach (e.g., social media, texting)			
Consumer health device (e.g., Fitbit) data			

Q43 When delivering the following types of care, which of the following professionals, including yourself, are on your care team(s) in your primary setting?

Please also indicate in the "Need More" column whether you are seeking to add any of the following professionals to your care team(s) in your primary setting.

		Prevent -ive	Acute Ch	Need ronic More
	Care Coordinator			
	Certified Nursing Assistant	$\Box$		
	Certified Nurse Midwife			
	Certified Registered Nurse Anesthetist			
	Clinical Nurse Specialist			
	Dentist			
	Licensed Practical Nurse			
	Medical/Healthcare Assistant			
	Medical Student/Resident			
	Mental/Behavioral Health Professional			
	Nurse Practitioner			
	Pharmacist			
	Physical/Occupational Therapis	t		
	Physician Assistant			
	Primary Care Physician			
	Registered Nurse			
	Social Worker		$\Box$ (	
	Specialist Physician			
Q44	Overall, how satisfied have you	been with	n your care	er:
	Very diss- Dissatis- atisfied fied	Neither satsf. or dissatsf.		Very d satisfied
	In the last 12 months?			
	Overall?			
Q45	Would you recommend that a ye career in:	oung pers	ion today p	ursue a
	Yes Medicine in general? Your primary specialty?			Unsure

Q46	If responding with "No" of the case:	r "Unsure,	" please s	pecify why	that is
Q47	Does your primary work interpretentranslation ser the following languages, programs (e.g., Medicaid	vices, wh excluding	ether on-si g those ser	te or rem vices cov	ered by
	Check N/A if there is no p in your area or you do no primary work setting.				
	Spanish Chinese Vietnamese Other language(s) If you indicated "other lar	Yes	No D D please sp	D/K	
Q48	Do you experience burno being mentally distant fro professional productivity stress)?	im ýour jol	b, or exper	iencing re	duced
	Yes Go to Q49			'ou've co he survey	
Q49	If YES, has it led you to r of retirement?	educe you	ur work hou	urs or plar	ned age
	Yes		No		
Q50	How significantly have ea burnout?	ach of the	following o	ontributed	l to your
	Administrative burden Work hours/poor work- life balance Patient relationships/ expectations Leadership relationships/ expectations Decision making autonomy Health Information Technology (e.g., EHRs) Inadequate number of professionals on team Other			A fair amount	Agreat deal
	If you indicated "other" pl	ease spec	cify:		
<b>—</b>		-	-	o rohum	the

Use this reference sheet to respond to questions that require a code response.

#### List A

- 01 Addiction Medicine
- 02 Allergy & Immunology
- 03 Anesthesiology General
- 04 Anesthesiology Pain Management
- 05 Anesthesiology Other subspecialties
- 06 Cardiology
- 07 Critical Care Medicine
- 08 Dermatology
- 09 Emergency Medicine
- 10 Endocrinology
- 11 Family Medicine General
- 12 Family Medicine Geriatrics
- 13 Family Medicine Sports Medicine
- 14 Gastroenterology
- 15 Hematology/Oncology
- 16 Hospice and Palliative Medicine
- 17 Hospitalist Internal Medicine
- 18 Hospitalist Pediatrics
- 19 Hyperbaric Medicine
- 20 Infectious Diseases
- 21 Internal Medicine General
- 22 Internal Medicine Pediatrics
- 23 Internal Medicine Other subspecialties
- 24 Medical Genetics
- 25 Nephrology
- 26 Neurology
- 27 Nuclear Medicine
- 28 OB/GYN General
- 29 OB/GYN subspecialties
- 30 Ophthalmology
- 31 Otolaryngology
- 32 Pathology General
- 33 Pathology subspecialties
- 34 Pediatrics General
- 35 Pediatrics subspecialties
- 36 Physical Medicine and Rehabilitation
- 37 Preventive Medicine/Public Health
- 38 Occupational Health
- 39 Psychiatry General
- 40 Psychiatry Child and Adolescent
- 41 Psychiatry Other subspecialties
- 42 Pulmonology
- 43 Radiology Diagnostic
- 44 Radiology Therapeutic/Radiation Oncology

- 45 Radiology Interventional
- 46 Rheumatology
- 47 Sleep Medicine
- 48 Surgery Cardiothoracic/Thoracic
- 49 Surgery Colon and Rectal
- 50 Surgery General
- 51 Surgery Orthopaedic
- 52 Surgery Neurological
- 53 Surgery Plastic
- 54 Surgery Vascular
- 55 Surgery Other subspecialties
- 56 Urgent Care Medicine
- 57 Urology
- 58 Other specialty

#### *List B and C on other side

Use this reference sheet to respond to questions that require a code response.

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LISC D	
01	\$0.00
02	>\$0.00 to \$24,999
03	\$25,000 to \$49,999
04	\$50,000 to \$74,999
05	\$75,000 to \$99,999
06	\$100,000 to \$124,999
07	\$125,000 to \$149,999
08	\$150,000 to \$174,999
09	\$175,000 to \$199,999
10	\$200,000 to \$224,999
11	\$225,000 to \$249,000
12	\$250,000 to \$274,999
13	\$275,000 to \$299,999
14	\$300,000 to \$324,999
15	\$325,000 to \$349,999
16	\$350,000 to \$374,999
17	\$375,000 to \$399,999
18	\$400,000 to \$424,999
19	\$425,000 to \$449,999
20	\$450,000 to \$474,999
21	\$475,000 to \$500,000
22	\$500,000 or more

### List C

01	Office/Clinic - Solo Practice
02	Office/Clinic - Single Specialty Group
03	Office/Clinic - Multi Specialty Group
04	Hospital - Inpatient
05	Hospital - Outpatient
06	Hospital - Emergency Department
07	Ambulatory Care Center
08	Federal Hospital (VA) and other
	military settings
09	Research Laboratory
10	Medical School
11	Nursing Home/Skilled Nursing Facility
12	Home Health Setting
13	Hospice Care
14	Federally Qualified Health Center
15	State or Local Health Department
16	Academic Institution
17	Volunteer in a Free Clinic/Other
	Volunteer Setting
18	Correctional Facility
19	University/College Student Health
	Facility
20	Psychiatric/Mental Health Facility
21	Substance Abuse Facility
22	Non-clinical setting (e.g., business,
	insurance)
23	Telemedicine (if not associated with
	one of the settings listed above)
24	Other
•List A	on other side

*List A on other side

### **INDIVIDUAL ITEM RESPONSE RATES**

The following table shows the response rates for each survey item from the applicable subsample of respondents who were expected to answer.

Question No.	Question Description	Response Rate
Q1	Licensed Physician Status	100%
Q2	Reasons for Maintaining License	87.3%
Q3	Reasons for Working Outside Utah	74.6%
Q4	Reasons for Working Outside Medicine	94.4%
Q5	Race/Ethnicity	98.7%
Q6	Upbringing State/Country	98.4%
<b>Q</b> 7	Upbringing Density	98.6%
Q8	Medical Degree State/Country	98.3%
Q8	Degree Type (MD/DO)	99.2%
Q8	Institution Type (Private/Public)	97.5%
Q8	Year of Graduation	98.3%
Q9-Q11	Post-Grad Programs	98.7%
Q12	Current Debt	96.9%
Q12	Debt at Graduation	95.5%
Q13	Income	96.6%
Q14	Setting	98.9%
Q15	Setting Move	98.8%
Q16	Setting Move Detailed	98.0%
Q17	Setting Move Reasons	99.5%
Q18	Specialty	98.9%
Q18	Board Certification	58.1%
Q19	Reasons for Choosing Specialty	98.3%
Q20-21	Setting ZIP Code	97.5%
Q20-21	Total Hours	96.2%
Q20-21	Direct Patient Care Hours	93.3%
Q22	Retirement Age	91.5%
Q23	Reduce Hours Prior to Retirement	96.5%
Q24	Years from Now to Reduce Hours	96.1%
Q24	Hours Worked After Reducing Hours	93.1%

Table 24: Individual Item Response Rates

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Question No.	Question Description	Response Rate
Q25-26	Type of Care	93.9%
<b>Q2</b> 7	Years Since Providing Direct Patient Care	100%
Q28-Q31	Non-Patient Care Activities	96%
Q32-Q33	Patients per Hour	83.4%
Q34-Q35	Patient Ages	87.9%
Q36	Patient Coverage	79.4%
<b>Q3</b> 7	Sliding Fee Scale	57.6%
Q38	Value-Based Payments	52.3%
Q39	Patient Limiting	82.5%
Q40	Patient Wait	73.7%
Q41	Practice Status	84.5%
Q42	Technology Use	95.1%
Q43	Care Team	78.2%
Q44	Satisfaction: Last 12 Months	97.5%
Q44	Satisfaction: Overall	95.2%
Q45	Pursue Medicine	97.8%
Q45	Pursue Specialty	97.8%
Q46	Reasons for No or Unsure in Q45	90.6%
Q47	Language Translation	94.1%
Q48	Experience Burnout	97.7%
Q49	Reduced Hours/Age of Retirement due to Burnout	97.9%
Q50	Reasons for Burnout	97.2%

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