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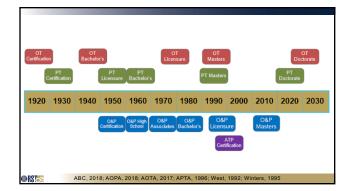
Demographics & Opinions of ATPs in Supply & Manufacturing

Joy Nix, ATP, CIFT, MS July 27, 2018

CRT Industry At-A-Glance



- 4,092 ATPs Nationwide • Suppliers & Clinicians
- Active & Not-Active
 Government Mandated Role
- Demand increase 4.8% per year (1959 2005)



Jett, Spicer & Flaubert, 2017; Valentine, 2017; LaPlante & Kaye, 2010



ATP Impact on Clients

- Provide mobility
- Access to independence
- Access to community and social engagements
- · Access to environment
- · Impact client's self-identity
- Effect treatment trajectory

Bingham & Beatty, 2003, Dicianno et al., 2016; Dicianno, Cooper & Collellaro, 2010; European Physical & Rehabilitation Medicine Bodies Alliance, 2018; Ripat, Verdonck, & Carter, 2018

Questions

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- What is the age of the ATPs?
- What are the demographics of ATPs?
- Is there a sufficient workforce to meet the future needs?
- What are the opinions of ATPs regarding the future of the profession, education needed for the role and the need for state licensure?
- How do younger ATPs compare to older ATPs in these areas?

Exploratory Study Development

- Partner with NCART
- Develop 18-Question Survey
 - 14 Demographic
 - 4 Opinion

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- Set Up Filter Question
- Internal Review Board
- Qualtrics Web Based Survey

What We Asked About

- · Zip Code
- Age
- Gender
- Ethnicity

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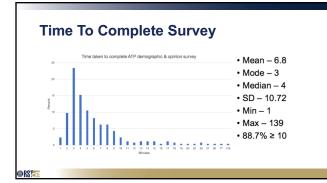
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- Disability
 Financial Compensation Structure
- Work Hours
- Years Experience*
- Type of Company
- · Category of Company*
- Certifications
 When ATP Certified
- Other Education Background
- Opinions:
- Recommend profession
 Comments*
- Education think necessary
 If should have state licensure

Exploratory Study Methods

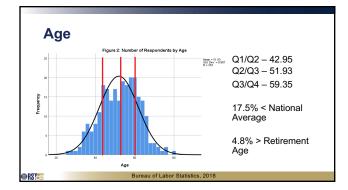
Distribution

- Press Release
- Mailing Lists (email)
 CRT Industry Websites
- March 6, 2018 April 15, 2018
- Email10 Winners of RSTCE Access Code Information

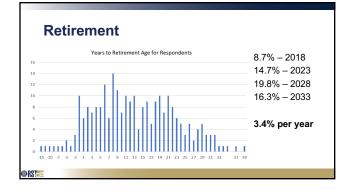


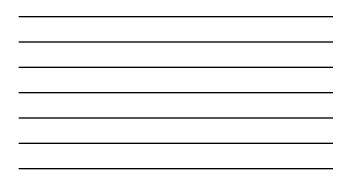








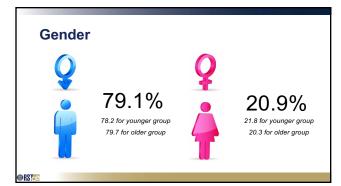




It's a Good Gig

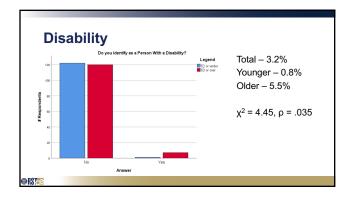
- People don't seem to retire!
- 79.5% ATPs recommend it!
- Reasonable work hours!

		1.50	
Hours per week	Total	≤ 52	53+
Less than 40	5.2%	6.6%	4.0%
40-50	56.4%	59.8%	53.2%
51-60	26.0%	21.3%	31.0%
More than 60	12.4%	12.3%	11.9%

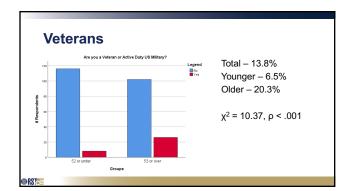


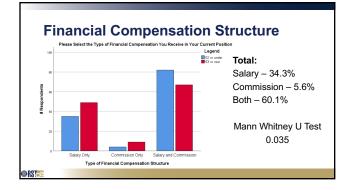
Ethnicity	Total	≤ 52	53+
White/Caucasian	92.5%	90.3%	94.5%
Hispanic/Latino	3.6%	4.0%	3.1%
Black/African-American	0.8%	0.8%	0.8%
Native American/Alaska Native	0.8%	1.6%	0%
Native Hawaiian/Pacific Islander	0.4%	0.8%	0%
Arab/Middle Eastern	0%	0%	0%
Other	2.0%	2.4%	1.6%



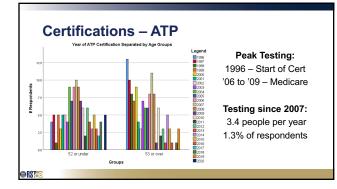


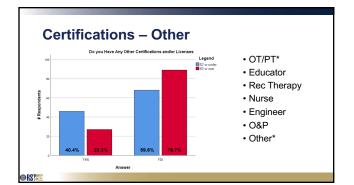


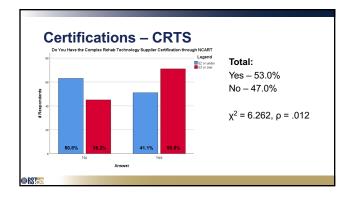




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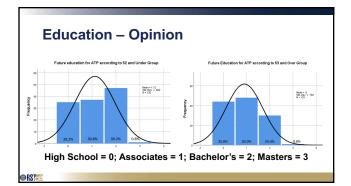


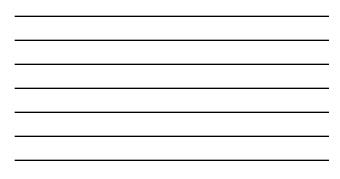


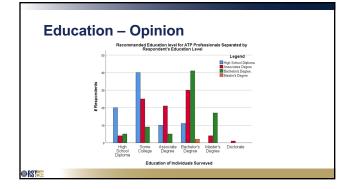




Background	Total	≤ 52	53+	
High School	11.4%	8.1%	14.8%	
Some College	29.5%	29.0%	28.9%	
Associates	15.4%	12.1%	18.8%	
Bachelor's	34.6%	38.7%	31.3%	
Masters	8.7%	12.1%	5.5%	
Doctorate	0.4%	0%	0.8%	









Study Limitations

- Convenience Sample
- Likely high number of NCART members
- Email dissemination

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- Incentive may have encouraged those interested in more education
- Internet savvy requirement
- Filter question may not have stopped all clinicians
- Age group breakdown didn't allow for equal-sized groups

New Questions

- Why have white men dominated this industry?
- How does satisfaction in this industry compare to other fields?
- What is the trend of Clinicians and Suppliers in ATP testing?
- How many registered ATPs are active in the industry?
- Who is taking responsibility to recruit ATPs into profession?
 - Government
 - CRT IndustryEducational Institutions
 - Organizations

More Questions

- What is the average age at entry into ATP field
- What does the future look like for ATP requirements and certification?
- · What else can we learn from the data from this study?

Take-Aways

- ATP profession is a good job
- More ATPs are needed for Supply
 Pear Year: 4.8% Demand; 3.4% Retiring; 1.8% Incoming
- Need for diversity
 Target young professionals
 Engage with minority groups and veterans
- Desire for more educational preparation for field
 Opportunities for degrees that focus on preparing ATPs for Supply
 Grants/Scholarships to encourage education training to grow field
 State licensure (63.3% in favor)
- Tracking trends for profession are needed
 Separate Clinical and Supply ATPs
 Testing, Active, Not-Active, Retired Status
- Opportunities for additional studies on ATPs

Brady, Long, Richards, & Vallin, 2007; Gartz et al., 2017; Jette et al., 2017; LaPlante & Kaye, 2010; Schiappa et al., 2018

References ABC (2018). American Board for Certification in Orthol AOPA (2018). Timeline: 150 years of AOPA and C&P. AOTA (2017). Important Events in Occupational Them. APTA (1986). PT Education Time Line. Restrived free Arthanat. 5., Eleanses, L.-J. & Buene, S. (2017). A to https://doi.org/10.1006/17481072.001.120511 Bingham, S. C., & Bearly, P. W. (2003). Rates of access https://doi.org/10.1006/17481072.001.120511 Prostrukcia & Podotkice Halary, Ballevice (Inne Nycchewa Jacop ang/WolWAAM-PogesVisiary alexa flans: http://go.wolf.acglesiania.go/ alexa flans: http://go.wolf.acglesiania.go/ princepa-angleum-Nigelf PEducation Transfare.gof y of assistante automatic and endical rehabilitation: Assistante Technic analitys automatic and endical rehabilitation sarcies among people with disabilities. Assistante Technical analitys automatic and endical rehabilitations incrices among people with disabilities. Assistante and analitys automatic and endical rehabilitations incrices among people with disabilities. Disability Bigles 1, C. J. Letter, P. (201). Rest of Exerce and exerce a memory approximation of the field of the fie Parallel Control Contr serg/16.01494.44.31.068 Min Organization (Windows Ath. 2004) Min Organization (Windows Ath. 2004) J. Lii (1982), Rehabilistion Explorement (Ented 2018 May 10), Available from http://www.ath.olificabiliteractions/J.Juliding.with J. Lii (1982), Rehabilistion Explorement (Ented 2018 May 10), Available from http://www.ath.olificabiliteractions/J.Juliding.with J. Lii (1982), Rehabilistion Explorement (Ented 2018 May 10), Available from http://www.ath.olificabiliteractions/J.Juliding.with J. Lii (1982), 1986), 2086, 2085,

Thanks!

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- Vince Schiappa

Q&A:

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- What was the importance of separating clinicians from suppliers in this study?
- What pros and cons do you see about offering an associateslevel requirement for ATPs?
- Based on your knowledge of the field, what recommendations would you have for companies to transition to bringing younger employees into this profession?