

Definition & Characteristics

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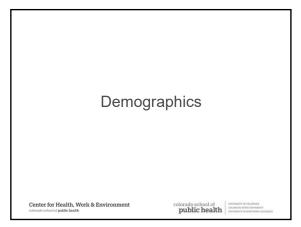
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Gig Work Definition	
"Contingent work that is transact	ed on a digital marketplace"
	Brown 2009
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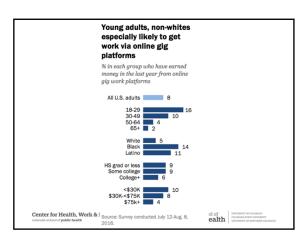


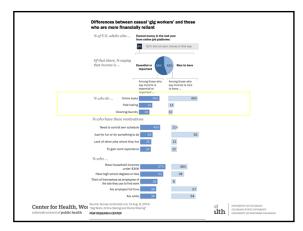
Drivers Classified as l Contractors	ndependent
UBER B.V. SERVICES AGREEMENT Last update: October 20, 2015	
This Services Agreement ("Agreement") constitutes a leg company in the business of providing Transportation Se 8. V., a private limited liability company established in Th 68, 101. Ht, Amsterdam, The Netherlands, registered at number 58317441 ("Debr").	rvices (as defined below) ("Customer") and Uber ne Netherlands, having its offices at Vijzelstraat
Uber provides the Uber Services (as defined below) for t Transportation Services providers. The Uber Services en provide Transportation Services to an authorized user of	able an authorized transportation provider to
Customer is authorized to provide Transportation Servic operates, and it desires to enter into this Agreement for Services to enhance its transportation business.	
Customer acknowledges and agrees that Uber is a tech Transportation Services, function as a transportation or passengers.	
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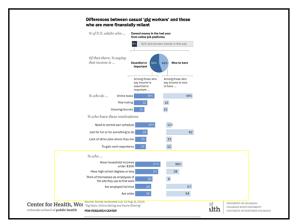


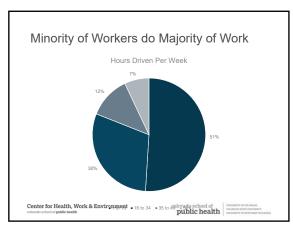
8% of Americans earned money from an online 'gig' platform in the last year;
18% earned money selling something online
% of U.S. adults who earned money from an online job platform in the last year by doing ...

At least one of the tasks below
Online tasks (surveys, 5 data entry, etc.)
Ride halling 2
Shopping/delivery 1
Cleaning/laundry 1
Center for Health, We tolked to food for platforms.









Potential Occupational Health Risks Center for Health, Work & Environment public health 13

Occupational Health Risks—Contingent Work

- No access to training
- High job turnover
- No ability to report unsafe conditions
- Less ability to refuse hazardous work or demand appropriate protective equipment for • No worker's compensation fear of dismissal

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- High rates of wage theft Higher rates of work injury
 - · Higher rates of fatal traumatic injury
 - Poor overall health
 - Higher overall mortality

 - No health insurance

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Occupational Health Risks—Gig Work

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Occupational Health Risks—Gig Work · High rates of wage • Higher rates of work injury Higher rates of fatal · No access to training traumatic injury · Poor overall health • High job turnover • Higher overall mortality · No ability to report unsafe conditions Less ability to refuse hazardous work or demand appropriate • No worker's compensation protective equipment for · No health insurance fear of dismissal Center for Health, Work & Environment public health 16 Occupational Health Risks—Gig Work · High rates of wage Higher rates of work injury theft • Higher rates of fatal · No access to training traumatic injury Poor overall health · High job turnover • Higher overall mortality No ability to report unsafe conditions • Less ability to refuse hazardous work or demand appropriate • No worker's compensation protective equipment for • No health insurance fear of dismissal Center for Health, Work & Environment colorado school of public health 17 Occupational Health Risks—Gig Work · High rates of wage • Higher rates of work injury Higher rates of fatal · No access to training traumatic injury • Poor overall health · High job turnover • Higher overall mortality · No ability to report unsafe conditions · Less ability to refuse hazardous work or demand appropriate • No worker's compensation protective equipment for fear of dismissal • No health insurance

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Occupational Health Risks—Gig Work

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Algorithmic Management

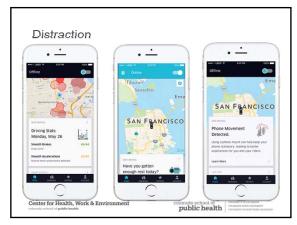
• "Software algorithms that assume managerial functions and surrounding institutional devices that support algorithms in practice."



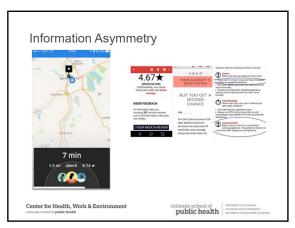
Lee 2015

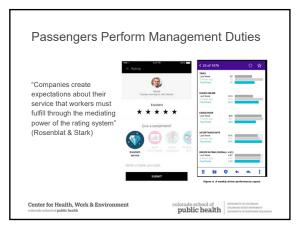
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What do we know (so far)?

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Health Concerns

- Sedentary nature of work
- Musculoskeletal pain: Neck, back, knee
- Hard to stop for a meal or break
- Difficult to find a bathroom
- Difficulty managing illnesses/taking meds
- Second-hand smoke exposure

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Safety Concerns			
• Crash risk			
 Distracted Driving Risk of assault by passenger Navigating pressure to drive at night vs. safety co 	incerne		
• Navigating pressure to drive at hight vs. safety co	nicems		
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Stress			
Siless			
Financial: getting enough rides, getting paid for th Passengers: locating, getting good ratings, dealing the passengers.			
drunken passengers • "Stressful by design"-Bartels			
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Sleep			
 Most reported driving did not affect their sle Two drivers reported that evening driving w 			
for them because they had insomnia			
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Protect Their Health on the Job By:	
Taking stretch breaks while driving Getting exercise in their non-work time	
Staying hydrated Self-monitoring alertness/fatigue	
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Drotact Their Sefety on the Joh Dy	
Protect Their Safety on the Job By:	
Cameras	-
Weapons Situational Awareness/Profiling	
	-
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Positives	
Flexibility	
Not interacting with a boss	
Passengers: conversation and socialization	
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Future Research

- Representative survey of health effectsLong term health impacts

- Fatigued drivingOHS effects of algorithmic management

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Questions?

Thanks to:

- -Tori Crain, PhD
- -Jon Bihl, MPH
- -Gerald Yeung, BA

Bartel, E., et al. (2019). Stressful by design: Exploring health risks of ride-share work. Journal of Transport & Health, 14, 100571.

Christie, N., & Ward, H. (2019). The health and safety risks for people who drive for work in the gig economy. Journal of Transport & Health, 13, 115-127.

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ABC Test

All three must be met for a worker to be properly classified as an independent contractor:

- 1. The worker is free from the control and direction of the hiring entity in connection with the performance of the work, both under the contract for the performance of the work and in fact.
- 2. The worker performs tasks that are outside of the usual course of the hiring entity's business.
- 3. The worker is customarily engaged in an independently established trade, occupation or business of the same nature as the work performed for the hiring entity.

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Marketplace vs On-demand

- Job matching & hiring.

 Subscription based (freemium).

 E.g., Care.com, SitterCity, UrbanSitter, Thumbtack,

- Matching, hiring, dispatching, Payment, worker profiles, ltd.
- choices.
 Fee based.
 E.g., TaskRabbit, Handy,
 Hello Sitter

Ticona, et al 2018

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Matching, Hiring
 Dispatching, Task, Payment.
 Fee based.
 E.g., Uber, Lyft, Postmates,
Instacart.

Digital Matching Services

- 1. Facilitate peer-to-peer transactions using online platforms or mobile apps
- 2. Utilize user-based rating systems
- 3. Offer workers flexibility in determining their hours
- To the extent that tools and assets are necessary to provide a service, digital matching firms rely on the workers using their own.

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