



# Mobile

Office of Citizen Services and  
Innovative Technologies

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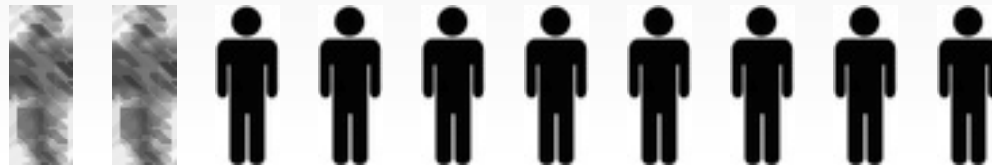


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Eight in ten American adults (82%) currently own a cell phone.



58% of 12-year olds own a cell phone, up from 18% in 2004

--Pew Internet 2010

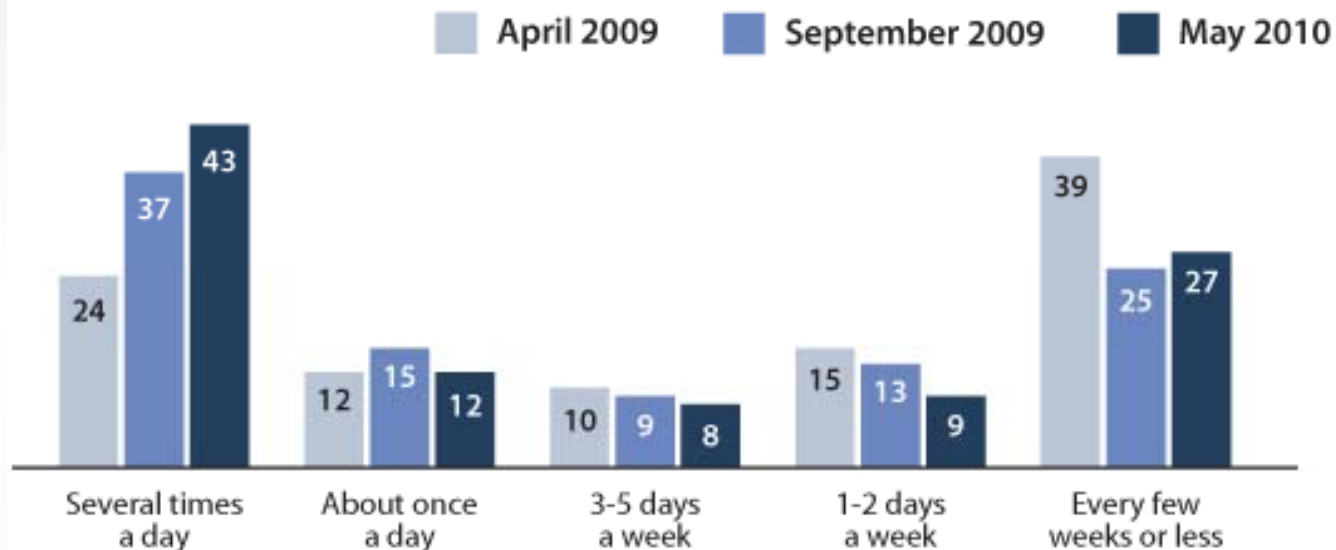




**Mobile includes text (sms), mobile websites, APPS.**

## More than half of cell phone internet users go online daily from their mobile device

Frequency of cell phone internet use among those who go online from a cell phone (% of adult cell phone internet users)



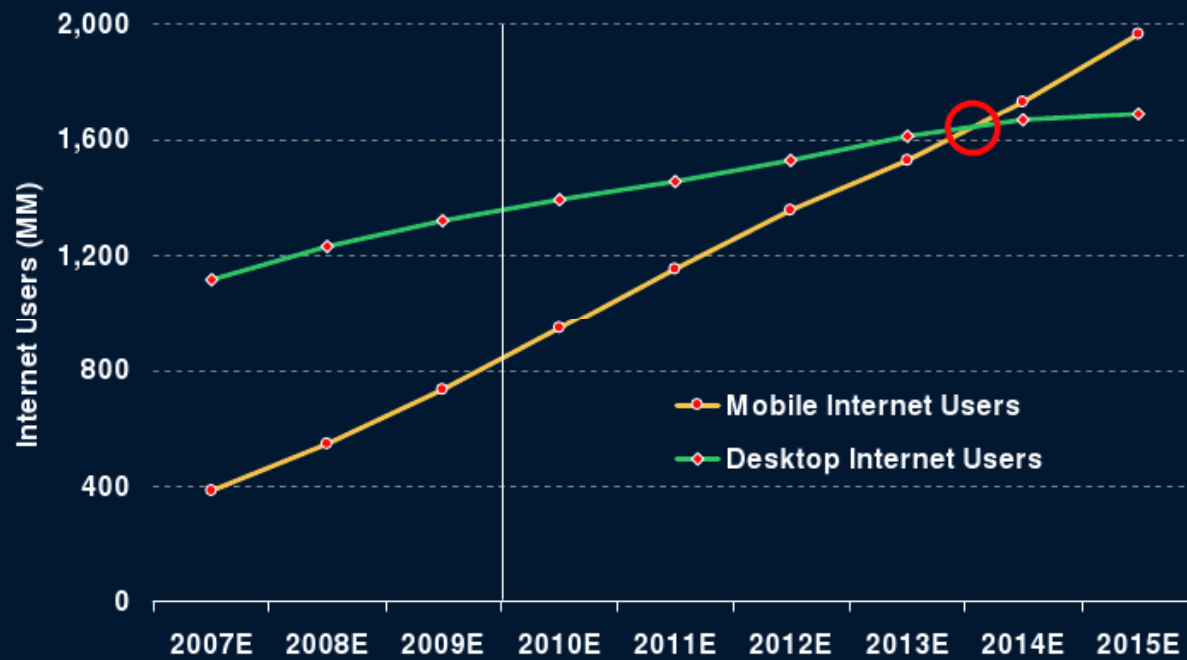
Source: Pew Research Center's Internet & American Life Project, April 29-May 30, 2010 Tracking Survey. N=2,252 adults 18 and older; n=772 based on those who use a cell phone to access the internet.





## Mobile Users > Desktop Internet Users Within 5 Years

Global Mobile vs. Desktop Internet User Projection, 2007 – 2015E



Morgan Stanley

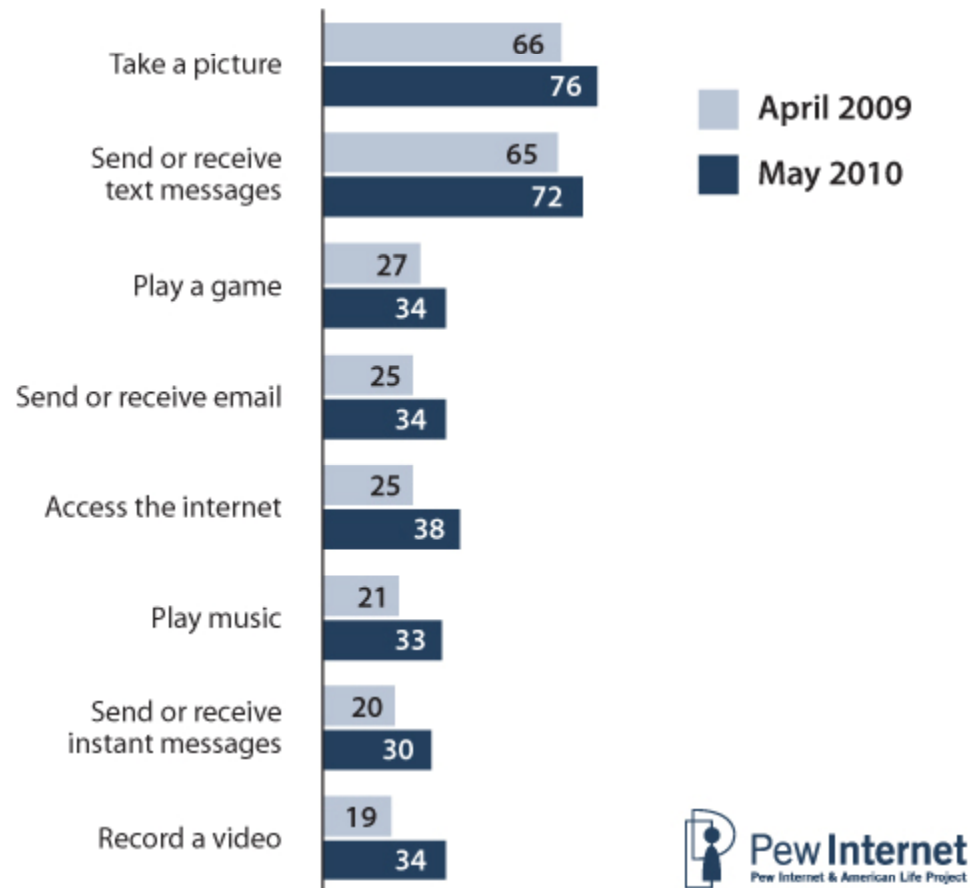
Source: Morgan Stanley Research.

8



## The use of non-voice data applications has grown significantly over the last year

The % of cell phone owners who use their phones to do the following



Source: Pew Research Center's Internet & American Life Project, April 29-May 30, 2010 Tracking Survey. N=2,252 adults 18 and older; n=1,917 based on cell phone users.





## Mobile Genie Out of the Bottle

- Consumers thirst will drive the future.
- Real time computing in our hands via networks that are ubiquitous, smart and fast.
- Rapid explosion of smart tablets to handle emerging unified communications and specific mission needs – voice/video/data. No clear leader regarding platform
- Explosion of apps – moving to payments and augmented reality and more TBD.
- Mobile devices will become portals to resources housed in data centers and/or offered via cloud services
- Mobile security is a key driver
- Citizens /workers are untethered -- they want their information -- **always** -- **always on and always available.** (B.Y.O.D.)





# thinking mobile





## Mobile Use Cases

- I'm working (micro-tasking)
- I'm local
- I'm bored





## Making Mobile Work for Citizens

- Focus on **Mobile** content
- Optimize for micro-tasking
- Use the phone to be local
- Make complex things simple
- Do one thing and do it well
- Design for the thumb
- Clarity over density



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## Clearing the Path

Policy

Partnerships

Practice

Promotion

Product





think mobile.





## Mobile Gov Resources

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our fabulous blog: [blog.citizen.apps.gov/howtomobile](http://blog.citizen.apps.gov/howtomobile)

twitter [@mobile\\_gov](https://twitter.com/mobile_gov)

[gwynne.kostin@gsa.gov](mailto:gwynne.kostin@gsa.gov)









## Challenges to Mobile

- Budget
- Technical Expertise
- Strategy
- Privacy/Identity Management
- Security
- Compliance
- Market
- Platform
- Data/Infrastructure Standards
- Intergovernmental sharing