

eMarketer's Live Analyst Series | PRO View, July 2019

Digital Ad Spending by Industry



We forecast that total US digital ad spending will be \$129.34 billion in 2019.

 US digital ad spending is growing at a healthy pace, increasing 19.1% in 2019 and 17.0% in 2020.

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|-------------------------------------------------|---------|---------|----------|----------|----------|
| Retail | \$15.78 | \$19.36 | \$23.78 | \$28.33 | \$33.12 |
| Automotive | \$9.11 | \$11.35 | \$13.74 | \$15.91 | \$18.15 |
| Financial services | \$8.75 | \$10.77 | \$13.21 | \$15.69 | \$18.25 |
| Telecom | \$7.89 | \$9.59 | \$11.57 | \$13.45 | \$15.58 |
| CPG & consumer products | \$6.24 | \$7.75 | \$9.49 | \$11.12 | \$12.80 |
| Travel | \$5.95 | \$7.22 | \$8.95 | \$10.86 | \$12.97 |
| Computing products & consumer electronics | \$5.45 | \$6.70 | \$8.47 | \$10.35 | \$12.25 |
| Media | \$4.23 | \$5.11 | \$6.60 | \$8.15 | \$9.85 |
| Entertainment | \$3.44 | \$4.31 | \$5.52 | \$6.88 | \$8.40 |
| Healthcare & pharma | \$2.01 | \$2.47 | \$3.01 | \$3.62 | \$4.23 |
| Other | \$3.09 | \$3.77 | \$4.30 | \$4.99 | \$5.70 |
| Total | \$71.94 | \$88.40 | \$108.64 | \$129.34 | \$151.29 |

Note: includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms; includes ads such as Facebook's News Feed Ads and Twitter's Promoted Tweets Source: eMarketer, July 2019

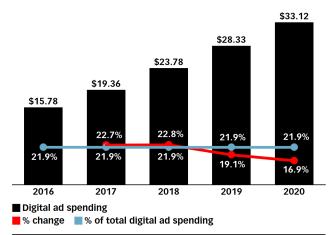
T10378



Retail is the largest vertical in the US

- US retail digital ad spending is growing in line with rest of the ad industry, increasing 19.1% in 2019.
- Retail accounts for about one-fifth of total US ad spending.

Retail Industry Digital Ad Spending in the US, 2016-2020 *billions, % change and % of total digital ad spending*



Note: includes mail order/catalog, restaurants/fast food, drug stores, retail stores, cosmetics stores, and merchants of apparel, home furnishings/textiles, toys, pet food/supplies, appliances, jewelry and general merchandise; includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms Source: eMarketer, July 2019

T10386



Travel is a search-reliant industry

- Travel is most search-driven vertical we cover.
- Search will account for 53.7% of total US travel digital ad spending in 2019 and 54.3% in 2020.

| 2019 billions, % change and % of total | | | | |
|-----------------------------------------------|--------|--|--|--|
| Search | \$5.84 | | | |
| —% change | 24.5% | | | |
| —% of total search | 10.9% | | | |
| Display | \$4.52 | | | |
| —% change | 19.4% | | | |
| —% of total display | 6.4% | | | |
| Video | \$2.62 | | | |
| —% change | 25.7% | | | |

Note: includes airlines, car rental, hotels and resorts, cruises, destination marketing organizations; includes both leisure and business travel; includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms Source: eMarketer, July 2019

T10393

---% of total video

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7.3%

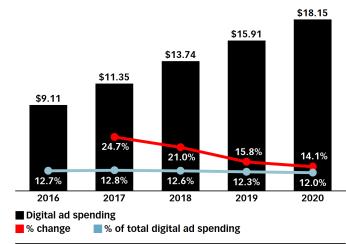


Automotive is the slowest growing US vertical

- Automotive advertising is growing at a slower rate than other verticals due to weakness in the automotive market.
- Total US automotive digital ad spending will increase 15.8% this year, while total US digital ad spending will increase 19.1%.

Automotive Industry Digital Ad Spending in the US, 2016-2020

billions, % change and % of total digital ad spending



Note: includes all automotive-related categories including sale/purchase of vehicles and parts and maintenance; includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms Source: eMarketer, July 2019

T10384



Financial services ad spend driven by mobile

 By 2020, mobile will account for 73.1% of total US financial services ad spending, helping it to surpass automotive as the second-largest ad spending vertical.

| | Billions | % change | % of digital in industry | % of total mobile |
|-------------------------------------------------|----------|----------|-----------------------------|----------------------|
| Retail | \$19.41 | 22.9% | 68.5% | 22.3% |
| Financial services | \$10.88 | 23.3% | 69.4% | 12.5% |
| Automotive | \$10.36 | 19.3% | 65.1% | 11.9% |
| Telecom | \$9.42 | 21.4% | 70.0% | 10.8% |
| Travel | \$7.62 | 25.1% | 70.1% | 8.8% |
| CPG & consumer products | \$7.54 | 22.8% | 67.8% | 8.7% |
| Computing products & consumer electronics | \$6.66 | 25.3% | 64.4% | 7.7% |
| Media | \$5.40 | 27.5% | 66.2% | 6.2% |
| Entertainment | \$4.79 | 28.2% | 69.6% | 5.5% |
| Healthcare & pharma | \$2.03 | 14.0% | 56.1% | 2.3% |
| Other | \$2.95 | 5.3% | 59.2% | 3.4% |
| Total | \$87.06 | 22.3% | 67.3% | - |

Mohile Ad Spending in the US by Industry 2019

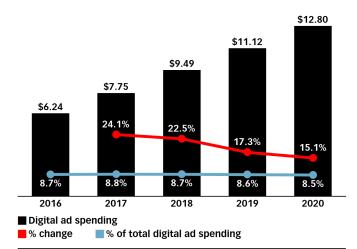
Note: includes classifieds, display (banners and other, rich media and video), email, lead generation, messaging-based and search advertising; includes ad spending on tablets Source: eMarketer, July 2019



CPG ad growth slows as budgets flatten

- CPG advertisers are challenged by industry consolidation, the rise of interactive shoppable ads and competition from private label brands.
- CPG's share of total search ad spending will increase slightly.

CPG & Consumer Products Industry Digital Ad Spending in the US, 2016-2020 billions, % change and % of total digital ad spending



Note: includes food products, household products, packaged goods, tobacco, personal care products, toiletries and cosmetic products; includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms Source: eMarketer, July 2019

T10392



Healthcare and pharma spend remains low

 At a time when healthcare and pharma advertisers have been slow to invest in mobile, they're witnessing gains in desktop ad spend. This vertical is more desktopdependent than any other vertical we cover.

| | Billions | % change | % of digital in industry | % of total desktop |
|-------------------------------------------------|----------|----------|-----------------------------|-----------------------|
| Retail | \$8.91 | 11.6% | 31.5% | 21.1% |
| Automotive | \$5.55 | 9.8% | 34.9% | 13.1% |
| Financial services | \$4.81 | 9.6% | 30.6% | 11.4% |
| Telecom | \$4.03 | 5.6% | 30.0% | 9.5% |
| Computing products & consumer electronics | \$3.69 | 16.7% | 35.6% | 8.7% |
| CPG & consumer products | \$3.58 | 7.1% | 32.2% | 8.5% |
| Travel | \$3.25 | 13.5% | 29.9% | 13.1% |
| Media | \$2.75 | 16.3% | 33.8% | 6.5% |
| Entertainment | \$2.09 | 17.4% | 30.4% | 4.9% |
| Healthcare & pharma | \$1.59 | 29.0% | 43.9% | 3.8% |
| Other | \$2.03 | 36.3% | 40.8% | 4.8% |
| Total | \$42.28 | 12.8% | 32.7% | - |

Note: includes advertising that appears on desktop and laptop computers and other nonmobile internet-connected devices, and includes all the various formats of advertising on those platforms Source: eMarketer, July 2019

T10382



Digital ad spending in the UK is nearly evenly distributed among various verticals.

- In the UK, no single industry will account for more than 15% of total digital ad spend this year.
- We expect total digital ad spending in the UK to increase 11.2% in 2019 to £14.73 billion (\$18.57 billion). In 2020, UK advertisers will spend £16.21 billion (\$20.43 billion) on digital ads.

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|----------------------------|--------|--------|--------|--------|--------|
| Retail | £1.39 | £1.62 | £1.92 | £2.17 | £2.42 |
| Automotive | £1.35 | £1.54 | £1.77 | £1.94 | £2.10 |
| Travel | £1.32 | £1.48 | £1.72 | £1.92 | £2.12 |
| CPG & consumer products | £1.30 | £1.49 | £1.70 | £1.87 | £2.04 |
| Financial services | £1.25 | £1.41 | £1.60 | £1.75 | £1.90 |
| Other | £3.39 | £3.89 | £4.53 | £5.08 | £5.63 |
| Total | £10.00 | £11.43 | £13.24 | £14.73 | £16.21 |

Note: includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms; converted at the exchange rate of US\$1=GBP0.750089 Source: eMarketer, July 2019

T10424

Retail and auto will make up nearly 37% of Germany's digital ad marketing by 2020.

 We expect Germany's advertisers to spend
€7.28 billion (\$8.59 billion) on digital ads this year and €7.93 billion (\$9.36 billion) in 2020.

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|----------------------------|-------|-------|-------|-------|-------|
| Retail | €1.16 | €1.34 | €1.50 | €1.64 | €1.79 |
| Automotive | €0.74 | €0.85 | €0.95 | €1.04 | €1.13 |
| Travel | €0.53 | €0.61 | €0.69 | €0.74 | €0.80 |
| Financial services | €0.49 | €0.55 | €0.61 | €0.68 | €0.75 |
| Healthcare & pharma | €0.32 | €0.37 | €0.41 | €0.45 | €0.50 |
| CPG & consumer products | €0.26 | €0.31 | €0.32 | €0.35 | €0.38 |
| Other | €1.78 | €1.92 | €2.15 | €2.37 | €2.59 |
| Total | €5.27 | €5.94 | €6.63 | €7.28 | €7.93 |

Note: includes advertising that appears on desktop and laptop computers as well as mobile phones, tablets and other internet-connected devices, and includes all the various formats of advertising on those platforms; excludes SMS, MMS and P2P messaging-based advertising; converted at the exchange rate of US\$1=EUR0.847471 Source: eMarketer, July 2019



Key Takeaways

- Across countries, retail remains the largest vertical in ad spend. Retailers digital ad spending is climbing as more people make purchases online. Search powers this vertical.
- Automotive ad spending is slower than other verticals. Macro-economic trends and slowdown in auto sales have contributed to a tightening of budgets.
- Healthcare and pharma advertisers are still a tiny portion of overall ad spending. Governmental regulations and data privacy laws are restricting digital ad budgets in these areas.
- **CPGs are facing challenges.** Private labels and industry consolidation have crimped ad spending growth here.
- **Travel digital ad budgets are growing quickly in a strong economy.** As travel planning becomes more fragmented, travel advertisers are investing heavily in search.

