



Mapping the World's Prices 2019

This is the 8th DB annual survey of global prices and living standards from various countries and cities around the world. We've added some new cities this year whilst still trying to keep the analysis to cities and countries relevant to global financial markets. We continue to refine our methodology and while it's impossible to exactly match products and services around the world, we try to ensure as much uniformity as possible and then convert prices back to USD. We mostly use crowd sourcing as our input data.

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Over the last 12 months, the dollar has strengthened against all but the Egyptian Pound of the 42 currency pairs used to calculate this report with the biggest losers the Turkish Lira (-31%) and the Argentine Peso (-55%). Indeed this is the overall story since we started this report in 2012. Over this full period and also over the last 5 years the dollar has out-performed all these currencies covering both the EM and DM universe. Of the 42 countries, 27 have seen their currency fall by 20% or more versus the USD over the last 5 years with the Norwegian Krone (-31%), Swedish Krona (-31%), Mexican Peso (-31%), Brazilian Real (-43%), Russian Rouble (-44%), Nigerian Naira (-55%), Egyptian Pound (-59%), Turkish Lira (-64%) and the Argentine Peso (-82%) at the bottom of the pack. Sterling (-23%), the Euro (-20%) and the Swiss Franc (-14%) have also seen significant drops.

In this year's report we highlight which cities - across products, services and income - have seen the biggest change over the last year and also over the last 5 years.

Indeed, in 2019 the long standing dominance of Zurich as the city with the highest salaries and disposable incomes (after rent) is over. We have a new city to send our CVs to and that's San Francisco. Zurich drops to number 2. San Fran has climbed a stunning 7 and 21 places on these two measures over the last 5 years. It's also climbed 7 places to number 9 over both the last 1 and 5 years in our quality of life index (more later).

Overall, this shows that the rapid growth of the US tech sector is helping San Fran beat traditional capital cities for incomes. Whilst its cost of living is increasing each year and rising up the cost rankings on most measures we cover, it still lags major global capitals. In terms of 2-bed rents however, it is only behind Hong Kong.

Part of the 5-year climb of San Fran is also a US and USD story as New York, Boston and Chicago fill out the rest of the top 5 in terms of salaries and disposable incomes. They have all entered the top 5 recently as the US economy/USD powers ahead



helping edge out Australian and major European cities. When we started this report back in 2012 the US was a very cheap place internationally and salaries were generally competing to be in the top 10, not dominating the top 5 as they do today.

If Zurich has lost its top spot on incomes/salaries, it still tops the charts or gets close in many of the most expensive goods and services. It is generally followed by Nordic/Scandinavian countries with other European cities not far behind.

Zurich though has climbed one place to top of our quality of life series edging Wellington back to second place. Copenhagen, Edinburgh, Vienna, Helsinki, Melbourne, Boston, San Fran and Sydney fill out the top ten. Major European cities seem to be falling down this list. Frankfurt has fallen 4 places to 13th this year, having been no. 1 five years ago, as its property price to income ratio has risen compared to other cities while their purchasing power index has fallen. Paris is down 2 and 8 places over one and five years respectively to a lowly 36th with London down 6 and 15 places at 41st over the same period. Do these cities compensate with higher disposable incomes? Well the jury is still out as Frankfurt has fallen to 12th this year (6 places lower over five years), Paris unchanged at 28th, with London in 25th place.

In fact seven cities make the top 10 in both after rent disposable income and quality of life. They are Zurich (2nd and 1st), San Fran (1st and 9th), Boston (4th and 8th), Wellington (10th and 2nd), Sydney (6th and 10th), Melbourne (both 7th) and Copenhagen (9th and 3rd).

If we further examine this balance between disposable income and quality of life, mega cities actually come out pretty poorly with New York (5th and 31st) perhaps edging out Tokyo (16th and 14th) depending on which way round you'd prefer the balance to be. Seoul is a respectable 21st and 29th with Paris (28th and 36th) and London (25th and 41st).

There are 21 megacities out of 56 in our quality-of-life sample and all bar Tokyo are in the bottom half on a quality of life basis with the bottom 12 all being developing country megacities which are also generally near the bottom in salaries.

Obviously this exercise looks at average salaries so megacities will have more people on much higher salaries (in EM but particularly DM ones), but the average worker struggles for income after rent and quality of life relative to smaller global cities. Aspiration must keep them going.

This quality of life measure is always the most subjective part of this study as different people have vastly different criteria for this. Our study is not the definitive guide on the matter but a good starting point for debate. Over the last couple of years readers have suggested that mega cities should rank much higher due to their huge cultural, entertainment and social opportunities. We don't score on that basis here.

For those looking for a weekend getaway Milan has replaced Copenhagen as the most expensive city in the world followed by Zurich, Madrid, Vienna and London. Istanbul continues to be the cheapest on the list helped by the large FX fall of late.

Zurich is again the place to find a long-term partner early in life and persuade them to stay at home at night, eat in, watch the telly and save your high disposable income or risk seeing it erode away on your partner. This is because it's by far the costliest place to go out on a date. This is followed by Oslo, Copenhagen, Helsinki and Tokyo. At the other end of the scale, five dates in Cairo cost the same as one in Zurich (and



you get to see the Pyramids and the Nile for free!). There is a similar ratio for the next cheapest namely Bangalore, Buenos Aires, Istanbul and Mumbai.

Our 'bad habits' index of cigarettes and beers is most expensive in Melbourne, swapping places with Oslo this year. Sydney, Auckland and Dubai make up the top 5. EM countries are generally very cheap places to over indulge on this basis. Interestingly this is a rare area where Zurich is 'relatively' cheap ranking 19th out of 54 cities in expensiveness.

Don't lose or damage your iPhone on holiday in Brazil, Turkey, Argentina, India or Greece as iPhones are 25-65% more expensive than in the US - still the cheapest place to buy outside of Nigeria which we can't quite explain. Japan, Hong Kong, and Australia see similar prices to the US Apple store for phones.

For those living in Singapore, Copenhagen or Oslo you are actively discouraged from buying a new car as policy makes it extraordinarily expensive. So maybe walk or ride a bike more there. However you may want to take a cold drink with you in Singapore and a warm one in the other two cities. Be careful though as sport shoes in Copenhagen and Oslo are only behind Zurich in costs. The good news is that public transport is mid-ranking in terms of expensiveness in these three cities suggesting deliberate policy moves. London has the most expensive public transport in the world and is also the most costly place to hire a car. Petrol is around 5 times as expensive in Hong Kong (no.1) as in Cairo and Riyadh (cheapest).

Moscow and Istanbul have the cheapest internet in the world and if you're Face Timing from these two cities to Dubai it will be 9-12 times cheaper on one end of the call to the other.

If you are a connoisseur of the best coffee (a cappuccino in this case) then no need to stray from the home of coffee in Milan. It costs three times as much in Copenhagen, Dubai, HK and Oslo.

Stockholm has replaced Helsinki in terms of most expensive hourly rate for a cleaner with Oslo third. There must be a snow tax! Even the 4th most costly - namely Boston - has severe snow at times. The sunnier/hotter climes of Cape Town, Buenos Aires, Lagos and Istanbul have the cheapest cleaners.

Grow your hair as long as you like in Copenhagen, Oslo and Zurich as haircuts are 10-15 times as expensive as in Dhaka, Bangalore, Manila and Cairo.

In this year's study the new cities are Buenos Aires, Dhaka, Cairo, Rome, Lagos, Riyadh and Seoul and the new countries are Argentina, Bangladesh, Egypt, Nigeria, Saudi Arabia and South Korea. The new additions in Argentina, Saudi Arabia and South Korea mean that this year we now have all the countries that make up the G20 covered. We also felt that we needed more representation from emerging markets. For instance, the only two African cities we previously had were both from South Africa, but now we have added Cairo and Lagos, the two most populous African cities. The addition of Dhaka, Bangladesh also adds to the emerging market cities, but is an interesting one as it is one of the densest cities on the planet as well. We added Rome in addition to Milan, as Rome's population is twice the size of Milan's.

Acknowledgement: Most of our price data is collected from Expatistan. We would like to give special thanks to the founder Gerardo Robledillo for permitting us to use this data. Our Quality-of-Life indices and salary datasets use data collected from



Numbeo. We would like to thank the founder Mladen Adamovic for permitting us to use the data from his website.

We would also like to acknowledge the work of Apurv Chaudhari in this report.

Notes on data and methodology: Like our 2018 study, we have collected the data by surveying prices posted on the internet as well as from secondary sources. In order to ensure prices are comparable across countries, we have tried our best to use goods and services that are standard across countries or are close substitutes. As a result we have tried to ensure that all price distortions such as taxes, surcharges and discounts are included.

Much of our data is from sources that utilise crowdsourcing techniques to collect and aggregate price data. While this methodology provides them with regular data updates from a large sample, there may be issues with data quality and consistency over time. As a result some data points in our report may also be somewhat inconsistent over time although we tried to adjust for outliers where possible. Do note thus that prices, changes and ranks should be considered representative with considerable room for measurement and sampling error.

In order to further control for the quality and consistency of our data, we have kept previous years' data points referring to the same point in time year to year (i.e. the month of April in every year) to control from potential seasonality within and across regions and thus improve both intra- and inter- period comparability. We have also updated our 2018 data to take into account revisions for that year since last year's report was published. This provides for a more fair comparison. Changes from 2018 ranks are also noted, along with the change vs 2014 as a 5-year comparison.



Table of Exhibits

Figure 1 : Quality-of-Life Indices (ranks)	7
Figure 2 : Monthly Salary (Net of Taxes)	8
Figure 3 : Monthly Rent for Mid-Range 2 Bedroom Apartment	9
Figure 4 : Disposable Income Index after Rents (assuming 2 people working and sharing)	10
Figure 5 : Weekend Getaway Index	11
Figure 6 : Cheap Date Index	12
Figure 7 : Bad Habits Index	13
Figure 8 : iPhone XS	14
Figure 9 : Daily Car Rental	15
Figure 10 : Five Star Hotel Rooms with a View	16
Figure 11 : 2 Litres of Coca-Cola	17
Figure 12 : Beer in a Neighbourhood Pub (500ml or 1 pint) in Expat Area	18
Figure 13 : 1 Pair of Sport Shoes (Nike, Adidas or Equivalent Brands)	19
Figure 14 : 1 Pair of Levis Jeans (Levis 501 or similar)	20
Figure 15 : Monthly Ticket Public Transport	21
Figure 16 : New Mid-Size Car (Equivalent to Volkswagen Golf), no Extras	22
Figure 17 : 1 Liter (1/4 Gallon) of Gas	23
Figure 18 : Taxi Trip on a Business Day, Basic Tariff, 8km (5 miles)	24
Figure 19 : 1 Ticket to the Cinema	25
Figure 20 : 1 Month of Gym Membership in the Business District	26
Figure 21 : Men's Standard Haircut in the Expat Area of the City	27
Figure 22 : 1 Pack of Marlboro Cigarettes	28
Figure 23 : Basic Dinner at a Neighbourhood Pub for Two.....	29
Figure 24 : Full Course Dinner for Two at an Italian Restaurant	30
Figure 25 : Hourly Rate for Cleaning	31
Figure 26 : 1 Month of Internet (8 Mbps)	32
Figure 27 : Cappuccino in Expat Area of the City	33
Figure 28 : 1 Summer Dress in a High Street Store (Zara, H&M or similar retailers)	34
Figure 29 : Annual Subscription of the Economist	35
Figure 30 : Foreign Exchange Rates	36
Figure 31 : Relative Price Levels as Implied by PPP (US=100)	37
Figure 32 : Changes in Consumer Price Indices (Annual, %)	38



Quality-of-Life Indices (ranks)

Note on methodology: The Numbeo Quality-of-Life index is an empirical measure of the living standards across various cities. The index is calculated by aggregating various sub-indices that measure certain broad factors that affect overall quality of life in a given location. These underlying sub-indices measure (1) consumer purchasing power (purchasing power index); (2) regional crime and safety (safety index); (3) overall quality of health care availability (healthcare index); (4) general cost of consumer goods (cost of living index); (5) housing affordability (property price to income ratio); (6) traffic congestion and commute times (traffic commute time index); (7) overall pollution (pollution index); (8) regional climate likeability (climate index). Further details on methodology around data collection and aggregation can be found at the source website [here](#).



Figure 1: Quality-of-Life Indices (ranks)

Quality of Life Index	Change vs 2014	Change vs 2018	Country	City	Purchasing Power Index	Safety Index	Health Care Index	Cost of Living Index	Property Price to Income Ratio	Traffic Commute Time Index	Pollution Index	Climate Index
01.	+1	+1	Switzerland	Zurich	2	3	13	56	12	12	5	34
02.	+2	-1	New Zealand	Wellington	9	12	17	34	5	2	2	6
03.	+3	-	Denmark	Copenhagen	13	7	7	48	14	5	6	29
04.	New Entry	-	United Kingdom	Edinburgh	14	14	3	31	11	3	10	27
05.	+6	-	Austria	Vienna	25	6	4	29	30	1	4	33
06.	New Entry	-	Finland	Helsinki	12	5	10	38	22	9	1	46
07.	+2	-	Australia	Melbourne	5	30	11	35	13	22	11	10
08.	-5	+3	United States	Boston	7	17	8	50	8	35	9	38
09.	+7	+7	United States	San Francisco	1	36	21	52	10	40	16	7
10.	+2	-2	Australia	Sydney	6	21	19	43	19	33	14	8
11.	+4	+4	Canada	Vancouver	19	19	15	28	34	20	7	15
12.	New Entry	-2	Netherlands	Amsterdam	24	18	27	44	26	6	13	22
13.	-12	-4	Germany	Frankfurt	8	27	22	30	20	4	22	26
14.	-	-1	Japan	Tokyo	18	2	2	51	33	25	24	25
15.	+6	+5	Czech Republic	Prague	27	8	16	20	36	11	17	35
16.	+2	-4	New Zealand	Auckland	23	31	18	40	23	21	12	1
17.	-10	+1	United Arab Emirates	Dubai	4	1	37	25	3	23	27	55
18.	-10	-4	Germany	Berlin	11	23	26	27	18	13	21	32
19.	-6	-2	Sweden	Stockholm	17	29	34	39	37	18	3	41
20.	-3	-1	Norway	Oslo	20	22	14	54	20	10	8	49
21.	-16	+1	United States	Chicago	3	49	33	42	4	26	23	43
22.	+1	+6	Belgium	Brussels	16	38	5	36	6	8	34	28
23.	+8	+3	Singapore	Singapore	21	9	25	33	48	27	15	52
24.	-14	-3	Canada	Toronto	26	20	9	45	29	34	20	44
25.	-	-	Portugal	Lisbon	45	13	20	23	40	15	19	3
26.	New Entry	-2	Saudi Arabia	Riyadh	10	11	39	21	1	7	43	56
27.	-	-4	Spain	Madrid	33	15	6	24	32	14	29	24
28.	-9	+1	South Africa	Cape Town	30	53	23	14	7	37	18	5
29.	New Entry	-2	South Korea	Seoul	22	16	1	46	43	29	26	42
30.	-1	+1	Poland	Warsaw	32	10	42	12	24	16	31	37
31.	-11	+2	United States	New York	15	26	40	53	17	32	30	36
32.	-8	-	South Africa	Johannesburg	29	56	47	19	2	30	34	14
33.	-3	+4	India	Bangalore	28	32	29	1	9	47	48	16
34.	+4	+4	Greece	Athens	47	35	51	26	15	17	32	9
35.	-	+1	Italy	Milan	37	28	24	37	39	19	37	21
36.	-8	-2	France	Paris	34	42	12	49	50	31	40	18
37.	New Entry	+2	Argentina	Buenos Aires	46	47	28	9	49	41	28	4
38.	-5	+2	Turkey	Istanbul	49	34	32	7	25	50	44	12
39.	-5	+3	Malaysia	Kuala Lumpur	31	51	38	11	16	24	41	53
40.	New Entry	+1	Italy	Rome	41	43	46	32	42	39	38	11
41.	-15	-6	United Kingdom	London	35	40	30	47	52	42	33	19
42.	-	+2	Russia	Moscow	40	24	48	17	41	49	34	54
43.	-21	-13	Ireland	Dublin	48	41	56	55	51	36	25	23
44.	-12	-1	Hong Kong	Hong Kong	36	4	35	41	55	28	39	30
45.	-8	-	Mexico	Mexico City	44	52	41	8	38	45	50	13
46.	-10	-	India	Delhi	42	45	36	2	35	53	53	50
47.	-7	+1	Brazil	Sao Paulo	50	54	50	16	44	46	49	2
48.	-9	+3	China	Shanghai	38	33	44	22	54	43	45	30
49.	New Entry	-	Egypt	Cairo	55	39	55	4	28	44	56	17
50.	-9	+3	Brazil	Rio de Janeiro	52	55	54	15	46	48	42	20
51.	-8	-4	India	Mumbai	43	25	31	3	53	54	51	39
52.	-8	-2	Indonesia	Jakarta	54	44	49	13	47	52	46	45
53.	New Entry	+2	Bangladesh	Dhaka	51	50	53	5	27	55	55	40
54.	New Entry	-2	Philippines	Manila	53	46	45	10	45	51	54	47
55.	New Entry	-1	China	Beijing	39	37	43	18	56	38	52	51
56.	New Entry	New Entry	Nigeria	Lagos	56	48	52	6	31	56	47	48

Source : www.numbeo.com

Note: Index ranks are based on indices published periodically on source website.



Monthly Income and Rents

Figure 2: Monthly Salary (Net of Taxes)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+7	+1	United States	San Francisco	3,470	4,974	6,526	142%	31%	17%	88%	42%
02.	-1	-1	Switzerland	Zurich	7,171	5,764	5,896	128%	2%	-9%	-18%	-38%
03.	+4	-	United States	New York City	3,476	4,115	4,612	100%	12%	0%	33%	0%
04.	+2	+1	United States	Boston	3,494	3,740	4,288	93%	15%	2%	23%	-7%
05.	+7	+2	United States	Chicago	3,247	3,650	4,062	88%	11%	-1%	25%	-6%
06.	-3	-2	Australia	Sydney	4,458	3,914	3,599	78%	-8%	-18%	-19%	-39%
07.	-5	-1	Norway	Oslo	4,606	3,664	3,246	70%	-11%	-21%	-30%	-47%
08.	-3	-	Denmark	Copenhagen	3,601	3,462	3,190	69%	-8%	-18%	-11%	-33%
09.	-5	+2	Australia	Melbourne	3,841	3,263	3,181	69%	-3%	-13%	-17%	-38%
10.	+3	-	United Kingdom	London	3,193	3,381	2,956	64%	-13%	-22%	-7%	-30%
11.	+4	+1	Singapore	Singapore	3,098	3,099	2,900	63%	-6%	-16%	-6%	-29%
12.	+10	+6	New Zealand	Wellington	2,805	2,946	2,865	62%	-3%	-13%	2%	-23%
13.	+10	+1	Japan	Tokyo	2,696	3,004	2,860	62%	-5%	-15%	6%	-20%
14.	-	-5	United Arab Emirates	Dubai	3,131	3,447	2,856	62%	-17%	-26%	-9%	-31%
15.	+5	+5	Ireland	Dublin	2,949	2,762	2,818	61%	2%	-9%	-4%	-28%
16.	-5	-3	Netherlands	Amsterdam	3,314	3,058	2,795	61%	-9%	-18%	-16%	-36%
17.	-8	-2	Germany	Frankfurt	3,413	3,000	2,784	60%	-7%	-17%	-18%	-39%
18.	-	-1	Finland	Helsinki	3,009	2,988	2,698	59%	-10%	-19%	-10%	-32%
19.	-	+9	Canada	Vancouver	3,002	2,458	2,677	58%	9%	-3%	-11%	-33%
20.	-10	-4	Sweden	Stockholm	3,388	2,999	2,630	57%	-12%	-22%	-22%	-41%
21.	-5	+4	Canada	Toronto	3,077	2,519	2,597	56%	3%	-8%	-16%	-36%
22.	-5	-3	France	Paris	3,016	2,886	2,565	56%	-11%	-21%	-15%	-36%
23.	+1	-2	New Zealand	Auckland	2,666	2,723	2,550	55%	-6%	-16%	-4%	-28%
24.	+1	+3	Belgium	Brussels	2,620	2,480	2,503	54%	1%	-10%	-4%	-28%
25.	-4	-2	United Kingdom	Edinburgh	2,824	2,565	2,501	54%	-2%	-13%	-11%	-33%
26.	+1	-	Germany	Berlin	2,519	2,482	2,473	54%	0%	-11%	-2%	-26%
27.	-1	-3	Hong Kong	Hong Kong	2,589	2,550	2,399	52%	-6%	-16%	-7%	-30%
28.	New Entry	-6	South Korea	Seoul	NA	2,607	2,397	52%	-8%	-18%	NA	NA
29.	-1	-	Austria	Vienna	2,515	2,425	2,210	48%	-9%	-19%	-12%	-34%
30.	+1	-	Spain	Madrid	2,002	1,975	1,790	39%	-9%	-19%	-11%	-33%
31.	-2	-	Italy	Milan	2,231	1,904	1,721	37%	-10%	-19%	-23%	-42%
32.	New Entry	+1	Italy	Rome	NA	1,762	1,526	33%	-13%	-23%	NA	NA
33.	New Entry	-1	Saudi Arabia	Riyadh	NA	1,769	1,473	32%	-17%	-26%	NA	NA
34.	-2	+3	South Africa	Cape Town	1,628	1,247	1,302	28%	4%	-7%	-20%	-40%
35.	-	+1	Czech Republic	Prague	1,259	1,294	1,256	27%	-3%	-13%	0%	-25%
36.	-6	-2	South Africa	Johannesburg	2,023	1,663	1,223	27%	-26%	-34%	-40%	-54%
37.	-4	-2	China	Shanghai	1,482	1,337	1,184	26%	-11%	-21%	-20%	-40%
38.	-2	-	Poland	Warsaw	1,242	1,128	1,079	23%	-4%	-15%	-13%	-35%
39.	-5	+3	Russia	Moscow	1,390	957	1,031	22%	8%	-4%	-26%	-44%
40.	-3	-	Portugal	Lisbon	1,202	1,051	1,013	22%	-4%	-14%	-16%	-36%
41.	-3	-2	Malaysia	Kuala Lumpur	1,093	1,108	1,009	22%	-9%	-19%	-8%	-30%
42.	-2	+1	Greece	Athens	1,022	883	853	18%	-3%	-14%	-16%	-37%
43.	+1	+1	India	Bangalore	705	764	760	16%	0%	-11%	8%	-19%
44.	-3	+2	Mexico	Mexico City	906	667	635	14%	-5%	-15%	-30%	-47%
45.	-	-	India	Mumbai	654	755	592	13%	-22%	-30%	-10%	-32%
46.	-7	+3	Brazil	Sao Paulo	1,042	587	584	13%	-1%	-11%	-44%	-58%
47.	-4	+3	Brazil	Rio de Janeiro	789	552	568	12%	3%	-8%	-28%	-46%
48.	New Entry	-7	Argentina	Buenos Aires	NA	962	527	11%	-45%	-51%	NA	NA
49.	-3	-2	India	New Delhi	639	666	521	11%	-22%	-30%	-18%	-39%
50.	-3	+1	Philippines	Manila	569	498	480	10%	-4%	-14%	-16%	-36%
51.	-9	-3	Turkey	Istanbul	905	629	433	9%	-31%	-39%	-52%	-64%
52.	New Entry	+1	Bangladesh	Dhaka	NA	317	375	8%	18%	5%	NA	NA
53.	-5	-1	Indonesia	Jakarta	393	436	362	8%	-17%	-26%	-8%	-31%
54.	New Entry	-	Nigeria	Lagos	NA	251	236	5%	-6%	-16%	NA	NA
55.	New Entry	-	Egypt	Cairo	NA	179	206	4%	16%	3%	NA	NA

Source : www.numbeo.com



Figure 3: Monthly Rent for Mid-Range 2 Bedroom Apartment

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	-	-	Hong Kong	Hong Kong	3,077	3,737	3,685	127%	-1%	-3%	20%	19%
02.	-	-	United States	San Francisco	3,066	3,664	3,631	125%	-1%	-3%	18%	18%
03.	+1	-	United States	New York City	2,901	2,854	2,909	100%	2%	0%	0%	0%
04.	-1	+2	Switzerland	Zurich	3,000	2,337	2,538	87%	9%	7%	-15%	-16%
05.	-	-1	France	Paris	2,844	2,483	2,455	84%	-1%	-3%	-14%	-14%
06.	-	-1	United Kingdom	London	2,682	2,410	2,338	80%	-3%	-5%	-13%	-13%
07.	+3	-	United States	Boston	2,177	2,164	2,201	76%	2%	0%	1%	1%
08.	+10	+1	Ireland	Dublin	1,634	2,048	2,018	69%	-1%	-3%	23%	23%
09.	+2	-1	Australia	Sydney	2,048	2,052	1,969	68%	-4%	-6%	-4%	-4%
10.	+9	+5	Japan	Tokyo	1,625	1,740	1,903	65%	9%	7%	17%	17%
11.	-3	-1	Singapore	Singapore	2,428	1,974	1,893	65%	-4%	-6%	-22%	-22%
12.	-	-	Netherlands	Amsterdam	1,979	1,876	1,854	64%	-1%	-3%	-6%	-7%
13.	+7	-	Denmark	Copenhagen	1,617	1,848	1,809	62%	-2%	-4%	12%	12%
14.	-7	-3	Norway	Oslo	2,632	1,949	1,808	62%	-7%	-9%	-31%	-31%
15.	-1	+1	Finland	Helsinki	1,820	1,729	1,612	55%	-7%	-9%	-11%	-12%
16.	+8	+6	Canada	Toronto	1,419	1,502	1,602	55%	7%	5%	13%	13%
17.	+17	+2	New Zealand	Wellington	1,124	1,604	1,581	54%	-1%	-3%	41%	40%
18.	-1	-4	United Arab Emirates	Dubai	1,666	1,787	1,576	54%	-12%	-13%	-5%	-6%
19.	+4	-1	Canada	Vancouver	1,500	1,609	1,556	53%	-3%	-5%	4%	3%
20.	+11	-3	New Zealand	Auckland	1,208	1,652	1,533	53%	-7%	-9%	27%	27%
21.	+6	+2	United States	Chicago	1,302	1,421	1,527	52%	7%	5%	17%	17%
22.	-13	-2	Sweden	Stockholm	2,298	1,553	1,484	51%	-4%	-6%	-35%	-36%
23.	+2	+3	Germany	Frankfurt	1,370	1,310	1,471	51%	12%	10%	7%	7%
24.	+11	-	China	Shanghai	1,119	1,343	1,432	49%	7%	5%	28%	28%
25.	-3	-	Italy	Milan	1,515	1,329	1,395	48%	5%	3%	-8%	-8%
26.	-11	-5	Australia	Melbourne	1,735	1,512	1,392	48%	-8%	-10%	-20%	-20%
27.	+5	+5	Spain	Madrid	1,180	1,148	1,194	41%	4%	2%	1%	1%
28.	+8	+3	Germany	Berlin	1,119	1,160	1,177	40%	1%	0%	5%	5%
29.	-8	-2	Italy	Rome	1,574	1,305	1,157	40%	-11%	-13%	-27%	-27%
30.	-14	-2	United Kingdom	Edinburgh	1,704	1,248	1,132	39%	-9%	-11%	-34%	-34%
31.	-3	-1	Austria	Vienna	1,253	1,175	1,057	36%	-10%	-12%	-16%	-16%
32.	-6	-3	South Korea	Seoul	1,365	1,204	1,049	36%	-13%	-15%	-23%	-23%
33.	+5	+2	Portugal	Lisbon	896	995	1,021	35%	3%	1%	14%	14%
34.	-5	-1	Belgium	Brussels	1,252	1,106	1,015	35%	-8%	-10%	-19%	-19%
35.	-22	-1	Russia	Moscow	1,903	998	1,000	34%	0%	-2%	-47%	-48%
36.	+9	+4	Saudi Arabia	Riyadh	698	780	928	32%	19%	17%	33%	33%
37.	+3	+2	Czech Republic	Prague	798	875	922	32%	5%	3%	16%	15%
38.	-1	-1	Poland	Warsaw	982	887	866	30%	-2%	-4%	-12%	-12%
39.	-	+3	Mexico	Mexico City	874	761	781	27%	3%	1%	-11%	-11%
40.	+3	-4	South Africa	Cape Town	706	939	737	25%	-22%	-23%	4%	4%
41.	-8	+2	Brazil	Sao Paulo	1,175	728	663	23%	-9%	-11%	-44%	-44%
42.	-1	+6	Indonesia	Jakarta	792	562	662	23%	18%	16%	-16%	-17%
43.	-1	-5	South Africa	Johannesburg	771	878	645	22%	-26%	-28%	-16%	-17%
44.	+7	+1	Nigeria	Lagos	465	708	634	22%	-11%	-12%	36%	36%
45.	-15	-4	Brazil	Rio de Janeiro	1,215	771	631	22%	-18%	-20%	-48%	-48%
46.	+4	+1	India	Mumbai	490	612	616	21%	1%	-1%	26%	25%
47.	-	-1	Greece	Athens	645	613	597	21%	-3%	-4%	-7%	-8%
48.	-4	+1	Philippines	Manila	701	541	563	19%	4%	2%	-20%	-20%
49.	-	+2	Malaysia	Kuala Lumpur	580	479	448	15%	-7%	-8%	-23%	-23%
50.	+4	+3	Bangladesh	Dhaka	274	339	421	14%	24%	22%	54%	53%
51.	-3	-7	Argentina	Buenos Aires	636	724	397	14%	-45%	-46%	-38%	-38%
52.	-6	-2	Turkey	Istanbul	675	498	369	13%	-26%	-27%	-45%	-46%
53.	-1	-1	India	New Delhi	301	346	363	12%	5%	3%	20%	20%
54.	+1	-	India	Bangalore	256	289	298	10%	3%	1%	16%	16%
55.	-2	-	Egypt	Cairo	279	258	285	10%	10%	8%	2%	2%

Source : www.expatistan.com



Figure 4: Disposable Income Index after Rents (assuming 2 people working and sharing)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+21	+1	United States	San Francisco	1,937	3,142	4,710	149%	50%	28%	143%	56%
02.	-1	-1	Switzerland	Zurich	5,671	4,595	4,626	147%	1%	-14%	-18%	-48%
03.	+4	-	United States	Chicago	2,596	2,940	3,298	104%	12%	-4%	27%	-18%
04.	+4	+3	United States	Boston	2,405	2,658	3,188	101%	20%	2%	33%	-15%
05.	+13	+1	United States	New York City	2,026	2,688	3,157	100%	17%	0%	56%	0%
06.	-4	-2	Australia	Sydney	3,434	2,887	2,615	83%	-9%	-23%	-24%	-51%
07.	-3	+3	Australia	Melbourne	2,974	2,507	2,485	79%	-1%	-16%	-16%	-46%
08.	-5	-3	Norway	Oslo	3,290	2,689	2,342	74%	-13%	-26%	-29%	-54%
09.	-4	-	Denmark	Copenhagen	2,793	2,538	2,285	72%	-10%	-23%	-18%	-48%
10.	+3	+4	New Zealand	Wellington	2,243	2,144	2,075	66%	-3%	-18%	-7%	-41%
11.	-	-3	United Arab Emi	Dubai	2,298	2,554	2,068	65%	-19%	-31%	-10%	-42%
12.	-6	-1	Germany	Frankfurt	2,728	2,345	2,048	65%	-13%	-26%	-25%	-52%
13.	+6	+8	Belgium	Brussels	1,994	1,927	1,996	63%	4%	-12%	0%	-36%
14.	+10	+4	Singapore	Singapore	1,884	2,112	1,953	62%	-7%	-21%	4%	-33%
15.	+5	+5	United Kingdom	Edinburgh	1,972	1,941	1,935	61%	0%	-15%	-2%	-37%
16.	+9	-1	Japan	Tokyo	1,884	2,134	1,908	60%	-11%	-24%	1%	-35%
17.	-5	+10	Canada	Vancouver	2,252	1,653	1,899	60%	15%	-2%	-16%	-46%
18.	-2	-2	Finland	Helsinki	2,099	2,123	1,892	60%	-11%	-24%	-10%	-42%
19.	-5	-7	Sweden	Stockholm	2,239	2,223	1,888	60%	-15%	-28%	-16%	-46%
20.	+1	+2	Germany	Berlin	1,960	1,902	1,885	60%	-1%	-16%	-4%	-38%
21.	New Entry	-2	South Korea	Seoul	NA	2,005	1,872	59%	-7%	-20%	NA	NA
22.	-12	-5	Netherlands	Amsterdam	2,325	2,120	1,867	59%	-12%	-25%	-20%	-48%
23.	-8	+3	Ireland	Dublin	2,132	1,738	1,809	57%	4%	-11%	-15%	-46%
24.	-15	+1	Canada	Toronto	2,368	1,768	1,796	57%	2%	-14%	-24%	-51%
25.	+1	-12	United Kingdom	London	1,852	2,176	1,787	57%	-18%	-30%	-4%	-38%
26.	-9	-3	New Zealand	Auckland	2,062	1,897	1,783	56%	-6%	-20%	-13%	-44%
27.	-4	-3	Austria	Vienna	1,888	1,838	1,682	53%	-8%	-22%	-11%	-43%
28.	-	-	France	Paris	1,594	1,644	1,337	42%	-19%	-31%	-16%	-46%
29.	+1	-	Spain	Madrid	1,412	1,401	1,193	38%	-15%	-28%	-16%	-46%
30.	-1	+1	Italy	Milan	1,474	1,240	1,023	32%	-17%	-30%	-31%	-55%
31.	New Entry	-1	Saudi Arabia	Riyadh	NA	1,379	1,009	32%	-27%	-38%	NA	NA
32.	New Entry	+1	Italy	Rome	NA	1,110	947	30%	-15%	-27%	NA	NA
33.	-2	+3	South Africa	Cape Town	1,276	778	933	30%	20%	2%	-27%	-53%
34.	-7	-2	South Africa	Johannesburg	1,638	1,224	901	29%	-26%	-37%	-45%	-65%
35.	-1	-	Czech Republic	Prague	860	857	795	25%	-7%	-21%	-8%	-41%
36.	-1	-2	Malaysia	Kuala Lumpur	803	869	785	25%	-10%	-23%	-2%	-37%
37.	-	-	Poland	Warsaw	751	684	646	20%	-6%	-20%	-14%	-45%
38.	+1	+2	India	Bangalore	577	619	611	19%	-1%	-16%	6%	-32%
39.	-7	-1	Hong Kong	Hong Kong	1,050	682	557	18%	-18%	-30%	-47%	-66%
40.	-2	+2	Greece	Athens	699	577	555	18%	-4%	-18%	-21%	-49%
41.	+3	+4	Russia	Moscow	438	459	531	17%	16%	-1%	21%	-22%
42.	-6	+1	Portugal	Lisbon	753	554	503	16%	-9%	-23%	-33%	-57%
43.	-10	-4	China	Shanghai	922	665	468	15%	-30%	-40%	-49%	-67%
44.	-3	-	India	New Delhi	488	493	339	11%	-31%	-41%	-30%	-55%
45.	New Entry	-4	Argentina	Buenos Aires	NA	600	328	10%	-45%	-53%	NA	NA
46.	-1	-	India	Mumbai	409	449	284	9%	-37%	-46%	-31%	-55%
47.	-	+4	Brazil	Rio de Janeiro	182	167	253	8%	52%	29%	39%	-11%
48.	-5	+2	Brazil	Sao Paulo	454	223	253	8%	13%	-4%	-44%	-64%
49.	-9	-2	Turkey	Istanbul	568	380	248	8%	-35%	-44%	-56%	-72%
50.	-8	-2	Mexico	Mexico City	469	287	244	8%	-15%	-28%	-48%	-67%
51.	-5	-2	Philippines	Manila	218	228	198	6%	-13%	-26%	-9%	-42%
52.	New Entry	-	Bangladesh	Dhaka	NA	148	164	5%	11%	-5%	NA	NA
53.	New Entry	-	Egypt	Cairo	NA	50	64	2%	29%	10%	NA	NA

Source : Deutsche Bank calculations

Note: The disposable income index is calculated as after-tax income less monthly rents per individual renter of a two bedroom apartment.



Prices

Figure 5: Weekend Getaway Index

Rank	Change vs 2018	Country	City	2019 USD	Relative to NY
01.	+1	Italy	Milan	2,706	166%
02.	-1	Denmark	Copenhagen	2,120	130%
03.	+2	Switzerland	Zurich	2,104	129%
04.	+5	Spain	Madrid	2,085	128%
05.	-2	Austria	Vienna	2,067	127%
06.	+4	United Kingdom	London	2,049	126%
07.	New Entry	Italy	Rome	1,926	118%
08.	New Entry	Egypt	Cairo	1,911	117%
09.	-3	Norway	Oslo	1,878	115%
10.	-	France	Paris	1,799	110%
11.	-3	United Kingdom	Edinburgh	1,757	108%
12.	New Entry	Argentina	Buenos Aires	1,745	107%
13.	+1	Finland	Helsinki	1,673	103%
14.	+7	Singapore	Singapore	1,648	101%
15.	+7	Russia	Moscow	1,638	100%
16.	+8	United States	New York City	1,631	100%
17.	-7	Sweden	Stockholm	1,592	98%
18.	-1	Hong Kong	Hong Kong	1,547	95%
19.	-	United States	Chicago	1,535	94%
20.	-2	Czech Republic	Prague	1,500	92%
21.	-6	Ireland	Dublin	1,470	90%
22.	+1	Mexico	Mexico City	1,448	89%
23.	+2	Japan	Tokyo	1,407	86%
24.	-8	Netherlands	Amsterdam	1,406	86%
25.	+2	United Arab Emirates	Dubai	1,327	81%
26.	-6	Indonesia	Jakarta	1,273	78%
27.	+2	New Zealand	Wellington	1,261	77%
28.	-	Australia	Melbourne	1,254	77%
29.	-3	New Zealand	Auckland	1,246	76%
30.	+4	United States	Boston	1,226	75%
31.	+6	Australia	Sydney	1,222	75%
32.	+15	Brazil	Sao Paulo	1,114	68%
33.	-2	Poland	Warsaw	1,084	66%
34.	-2	Germany	Frankfurt	1,071	66%
35.	New Entry	South Korea	Seoul	1,065	65%
36.	-2	Greece	Athens	1,049	64%
37.	+3	Canada	Toronto	1,033	63%
38.	+1	Germany	Berlin	1,022	63%
39.	-8	Canada	Vancouver	1,008	62%
40.	+1	Belgium	Brussels	976	60%
41.	-5	South Africa	Cape Town	974	60%
42.	-	Portugal	Lisbon	960	59%
43.	+4	Brazil	Rio de Janeiro	900	55%
44.	-7	India	Mumbai	900	55%
45.	-	India	New Delhi	864	53%
46.	-	India	Bangalore	846	52%
47.	New Entry	Nigeria	Lagos	840	52%
48.	+2	Philippines	Manila	779	48%
49.	-4	South Africa	Johannesburg	768	47%
50.	-6	Malaysia	Kuala Lumpur	754	46%
51.	-	Turkey	Istanbul	711	44%

Source : Deutsche Bank calculations

Note: A weekend holiday is defined as follows: Two nights at a standard 5-star hotel room, two pub meals for two, two restaurant dinners for two, car rental for two days, two pints of beer, four litres of soft drinks/water, and a bit of shopping (purchases of a pair of jeans and a pair of sports shoes)



Figure 6: Cheap Date Index

Rank	Change vs 2018	Country	City	2019 USD	Relative to NY
01	-	Switzerland	Zurich	202.7	142%
02	+1	Norway	Oslo	163.9	115%
03	-1	Denmark	Copenhagen	157.8	111%
04	+4	Finland	Helsinki	150.5	105%
05	-1	Japan	Tokyo	148.3	104%
06	+4	United States	New York City	142.8	100%
07	-2	Netherlands	Amsterdam	140.8	99%
08	-2	United Kingdom	London	137.7	96%
09	-	United States	San Francisco	137.5	96%
10	-3	Sweden	Stockholm	132.2	93%
11	+1	Belgium	Brussels	130.1	91%
12	+1	United Kingdom	Edinburgh	128.5	90%
13	+2	Italy	Milan	126.5	89%
14	+5	United States	Boston	125.7	88%
15	+8	Australia	Sydney	122.7	86%
16	+1	United States	Chicago	122.1	86%
17	+1	Hong Kong	Hong Kong	122.0	85%
18	-7	France	Paris	120.7	85%
19	+1	Germany	Frankfurt	120.1	84%
20	-6	Ireland	Dublin	119.6	84%
21	+4	United Arab Emirates	Dubai	116.5	82%
22	-6	New Zealand	Auckland	112.9	79%
23	+3	Italy	Rome	109.0	76%
24	-3	Australia	Melbourne	107.1	75%
25	+5	Canada	Vancouver	106.9	75%
26	+1	Germany	Berlin	104.7	73%
27	+2	Spain	Madrid	104.5	73%
28	-6	Austria	Vienna	102.2	72%
29	-1	New Zealand	Wellington	101.0	71%
30	-6	Canada	Toronto	99.2	69%
31	-	Greece	Athens	95.1	67%
32	-	Singapore	Singapore	93.5	65%
33	+5	Brazil	Rio de Janeiro	76.0	53%
34	-	Brazil	Sao Paulo	74.1	52%
35	-2	Portugal	Lisbon	72.9	51%
36	-1	South Korea	Seoul	72.7	51%
37	+3	Russia	Moscow	70.6	49%
38	-2	South Africa	Johannesburg	69.8	49%
39	-2	China	Shanghai	68.9	48%
40	+1	Czech Republic	Prague	65.2	46%
41	+7	Mexico	Mexico City	59.7	42%
42	+2	Poland	Warsaw	57.7	40%
43	-	Nigeria	Lagos	55.5	39%
44	-2	South Africa	Cape Town	53.4	37%
45	-	Bangladesh	Dhaka	49.1	34%
46	+1	Malaysia	Kuala Lumpur	49.0	34%
47	+3	India	New Delhi	48.5	34%
48	+3	Philippines	Manila	45.3	32%
49	-	Indonesia	Jakarta	45.0	32%
50	+3	India	Mumbai	43.7	31%
51	-5	Turkey	Istanbul	43.2	30%
52	-13	Argentina	Buenos Aires	42.8	30%
53	-1	India	Bangalore	42.6	30%
54	-	Egypt	Cairo	41.9	29%

Source : Deutsche Bank calculations.

Note: We have defined a cheap date as follows: Cab rides, dinner/lunch for two at a pub or diner, soft drinks, two movie tickets and a couple of beers.



Figure 7: Bad Habits Index

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	+1	Australia	Melbourne	69.2	79.4	77.8	117%	-2%	-2%	12%	-5%
02.	-1	-1	Norway	Oslo	95.4	80.9	77.2	116%	-5%	-5%	-19%	-31%
03.	-	-	Australia	Sydney	64.4	74.1	76.4	115%	3%	3%	19%	1%
04.	+1	-	New Zealand	Auckland	62.2	73.5	70.1	105%	-5%	-5%	13%	-4%
05.	+9	-	United Arab Emirates	Dubai	54.7	69.2	68.6	103%	-1%	-1%	25%	6%
06.	+6	-	United States	New York City	56.4	66.5	66.5	100%	0%	0%	18%	0%
07.	+1	+2	United Kingdom	London	60.3	64.1	63.2	95%	-1%	-1%	5%	-11%
08.	-4	-1	New Zealand	Wellington	63.0	65.0	62.2	94%	-4%	-4%	-1%	-16%
09.	-	+1	Singapore	Singapore	59.7	61.0	60.9	92%	0%	0%	2%	-13%
10.	-	-2	Ireland	Dublin	59.5	64.6	60.1	90%	-7%	-7%	1%	-14%
11.	+15	+1	United States	San Francisco	38.2	57.0	58.0	87%	2%	2%	52%	29%
11.	+12	+2	United States	Boston	47.0	55.5	58.0	87%	5%	5%	23%	5%
13.	+9	+4	United States	Chicago	47.6	53.5	57.0	86%	7%	7%	20%	2%
14.	-3	-	United Kingdom	Edinburgh	57.6	55.1	56.8	85%	3%	3%	-1%	-16%
15.	+3	-4	Hong Kong	Hong Kong	50.1	59.1	56.3	85%	-5%	-5%	13%	-4%
16.	-	+6	Denmark	Copenhagen	51.0	47.6	55.3	83%	16%	16%	8%	-8%
17.	-10	-1	France	Paris	60.6	54.8	55.1	83%	1%	1%	-9%	-23%
18.	-3	-	Finland	Helsinki	52.8	50.9	52.3	79%	3%	3%	-1%	-16%
19.	-6	-4	Switzerland	Zurich	54.9	55.0	51.0	77%	-7%	-7%	-7%	-21%
20.	-1	+1	Canada	Toronto	50.1	48.6	47.4	71%	-2%	-2%	-5%	-20%
21.	-15	-2	Sweden	Stockholm	61.7	50.5	44.8	67%	-11%	-11%	-27%	-38%
22.	-1	+2	Italy	Milan	48.7	45.0	44.5	67%	-1%	-1%	-8%	-22%
23.	-3	-3	Canada	Vancouver	49.4	49.3	44.5	67%	-10%	-10%	-10%	-24%
24.	+9	-1	Netherlands	Amsterdam	33.3	46.8	40.4	61%	-14%	-14%	21%	3%
25.	+2	+2	China	Shanghai	37.6	41.1	40.3	61%	-2%	-2%	7%	-9%
26.	-9	-1	Italy	Rome	50.5	44.7	39.9	60%	-11%	-11%	-21%	-33%
27.	+7	+1	Spain	Madrid	32.2	41.1	37.2	56%	-9%	-9%	15%	-2%
28.	-	+1	Germany	Frankfurt	37.3	38.5	36.3	55%	-6%	-6%	-3%	-17%
29.	-4	+2	Greece	Athens	40.4	36.1	36.0	54%	0%	0%	-11%	-24%
30.	+5	-	Belgium	Brussels	32.2	37.4	35.5	53%	-5%	-5%	10%	-6%
31.	-7	+2	Malaysia	Kuala Lumpur	43.4	35.5	34.8	52%	-2%	-2%	-20%	-32%
32.	+17	-6	Bangladesh	Dhaka	18.5	43.1	34.5	52%	-20%	-20%	86%	58%
33.	-4	-2	Austria	Vienna	36.9	36.1	33.7	51%	-6%	-6%	-9%	-22%
34.	-4	+1	Japan	Tokyo	33.6	33.4	33.3	50%	0%	0%	-1%	-16%
35.	-4	-1	Germany	Berlin	33.5	34.6	31.5	47%	-9%	-9%	-6%	-20%
36.	+9	+7	India	New Delhi	21.2	24.7	29.4	44%	19%	19%	38%	17%
37.	+10	+8	India	Bangalore	20.5	23.1	28.9	43%	25%	25%	41%	19%
38.	-1	-	Indonesia	Jakarta	26.6	28.6	28.3	43%	-1%	-1%	7%	-9%
39.	-7	-	Russia	Moscow	33.3	27.6	27.8	42%	0%	0%	-17%	-29%
40.	-1	-4	South Korea	Seoul	26.0	32.2	27.7	42%	-14%	-14%	6%	-10%
41.	+5	-1	India	Mumbai	20.8	26.8	26.2	39%	-2%	-2%	26%	7%
42.	-2	-	Brazil	Sao Paulo	23.8	25.0	22.8	34%	-9%	-9%	-4%	-19%
43.	-2	+3	Poland	Warsaw	23.4	22.2	21.3	32%	-4%	-4%	-9%	-23%
44.	-6	-3	Portugal	Lisbon	26.5	26.0	21.2	32%	-18%	-18%	-20%	-32%
45.	-2	+7	Mexico	Mexico City	22.3	17.5	21.0	32%	20%	20%	-6%	-20%
46.	-10	-2	Turkey	Istanbul	30.0	24.6	20.3	31%	-18%	-18%	-32%	-43%
47.	+1	-	Brazil	Rio de Janeiro	20.4	20.4	18.5	28%	-9%	-9%	-9%	-23%
48.	-4	-	Egypt	Cairo	21.7	19.7	17.3	26%	-12%	-12%	-20%	-32%
49.	+1	+2	Czech Republic	Prague	16.4	17.6	16.9	25%	-4%	-4%	3%	-13%
50.	+2	-1	South Africa	Cape Town	15.0	19.2	16.6	25%	-14%	-14%	11%	-6%
51.	-	-1	South Africa	Johannesburg	15.7	17.8	16.3	25%	-8%	-8%	4%	-12%
52.	-10	-15	Argentina	Buenos Aires	22.4	28.9	14.8	22%	-49%	-49%	-34%	-44%
53.	+1	+1	Philippines	Manila	9.9	10.5	13.1	20%	24%	24%	32%	12%
54.	-1	-1	Nigeria	Lagos	13.9	11.1	12.5	19%	12%	12%	-10%	-24%

Source : Deutsche Bank calculations.
Note: We have defined the bad habits package as 5 beers and 2 packs of cigarettes.



Figure 8: iPhone XS

Rank	Country	2019 USD	Relative to US (%)	Relative to iPhone 8
01.	Brazil	2050	164%	169%
02.	Turkey	1880	150%	158%
03.	Argentina	1776	142%	180%
04.	India	1635	131%	141%
05.	Greece	1591	127%	124%
06.	Russia	1586	127%	155%
07.	Bangladesh	1545	124%	130%
08.	Sweden	1541	123%	155%
09.	Egypt	1537	123%	141%
10.	Norway	1533	123%	155%
11.	Denmark	1529	122%	153%
12.	Italy	1514	121%	153%
13.	Finland	1502	120%	153%
14.	Portugal	1502	120%	152%
14.	Ireland	1502	120%	153%
16.	Czech Republic	1492	119%	153%
17.	Poland	1487	119%	154%
18.	Philippines	1484	119%	158%
19.	United Kingdom	1483	119%	153%
20.	Belgium	1480	118%	155%
21.	Netherlands	1480	118%	155%
21.	Spain	1480	118%	155%
23.	France	1479	118%	155%
24.	Mexico	1477	118%	152%
25.	Austria	1469	117%	155%
25.	Germany	1469	117%	155%
27.	New Zealand	1455	116%	157%
28.	China	1423	114%	155%
29.	Singapore	1386	111%	152%
30.	Malaysia	1378	110%	158%
31.	South Korea	1361	109%	153%
32.	Switzerland	1359	109%	156%
33.	Saudi Arabia	1333	107%	125%
34.	Canada	1331	106%	154%
35.	United Arab Emirates	1323	106%	153%
36.	Australia	1317	105%	153%
37.	Hong Kong	1262	101%	152%
38.	Japan	1256	100%	153%
39.	United States	1251	100%	153%
40.	Nigeria	1178	94%	189%

Source : Official Apple Website, Online Retailers
 Note: Prices are for iPhone XS, 5.8 inch display, 256GB. The prices are sourced from official Apple store websites. In the absence of official prices via websites, we have used prices from online retailers.



Figure 9: Daily Car Rental

Rank	Change vs 2018	Country	City	2019 USD	Relative to NY	YoY Change (%)
01.	+1	United Kingdom	London	172.4	120%	-4%
02.	+4	Indonesia	Jakarta	161.7	113%	0%
03.	-2	Hong Kong	Hong Kong	160.6	112%	-27%
04.	New Entry	Egypt	Cairo	155.2	108%	NA
05.	+6	France	Paris	147.5	103%	2%
06.	+3	Italy	Milan	144.1	100%	-8%
07.	+3	United States	New York City	143.6	100%	-2%
08.	+7	Spain	Madrid	137.8	96%	14%
09.	+4	Switzerland	Zurich	135.7	94%	-2%
10.	-4	Norway	Oslo	130.3	91%	-22%
11.	-6	Denmark	Copenhagen	128.5	89%	-24%
12.	-	Mexico	Mexico City	125.4	87%	-13%
13.	+4	Finland	Helsinki	120.7	84%	1%
14.	+5	Sweden	Stockholm	118.0	82%	11%
15.	+5	Austria	Vienna	117.2	82%	16%
16.	New Entry	Nigeria	Lagos	113.0	79%	NA
17.	+5	Greece	Athens	112.9	79%	13%
18.	+5	Czech Republic	Prague	102.8	72%	9%
19.	-	Singapore	Singapore	100.5	70%	-8%
20.	-11	Poland	Warsaw	97.6	68%	-38%
21.	-16	Netherlands	Amsterdam	97.5	68%	-45%
22.	-5	New Zealand	Wellington	85.1	59%	-30%
23.	+3	Malaysia	Kuala Lumpur	84.6	59%	15%
24.	+12	Brazil	Sao Paulo	77.8	54%	150%
25.	-10	Japan	Tokyo	76.9	54%	-41%
26.	New Entry	South Korea	Seoul	76.6	53%	NA
27.	-1	Philippines	Manila	75.6	53%	0%
28.	+3	Russia	Moscow	74.7	52%	21%
29.	+1	Ireland	Dublin	73.5	51%	14%
30.	-5	Belgium	Brussels	73.4	51%	-9%
31.	+1	India	New Delhi	70.5	49%	18%
32.	+1	United Arab Emirates	Dubai	67.2	47%	17%
33.	+3	Turkey	Istanbul	66.3	46%	93%
34.	-6	Germany	Frankfurt	65.5	46%	-9%
35.	-6	Australia	Sydney	64.0	45%	-1%
36.	New Entry	Saudi Arabia	Riyadh	62.7	44%	NA
37.	New Entry	Argentina	Buenos Aires	59.4	41%	NA
38.	-2	Canada	Toronto	50.7	35%	-6%
39.	+1	Portugal	Lisbon	38.5	27%	NA
40.	-3	South Africa	Johannesburg	33.0	23%	-25%

Source : Avis Car Rental, Europcar

Note: All quotes for bookings on 1-Jun to 2-Jun for the respective years. All car rents are sources from Avis Rent A Car System, LLC - except for Tokyo where Europcar was used - for either a compact or intermediate car hired for a day from a prominent location. All rates include regional taxes and surcharges; collision/loss damage waivers are also included where optional to facilitate comparability. Some car models which were used for the prices points have moved to a different price range this year or are no longer offered; hence the closest models in the same category have been used which are now on offer in similar price ranges. Prices may not be strictly comparable across years due to changes in car models in a particular category.



Figure 10: Five Star Hotel Rooms with a View

Rank	Country	City	2019 USD	Relative to NY
01.	Italy	Milan	961	231%
02.	Spain	Madrid	721	174%
03.	Austria	Vienna	716	172%
04.	Argentina	Buenos Aires	714	172%
05.	Egypt	Cairo	658	158%
06.	Denmark	Copenhagen	649	156%
07.	United Kingdom	London	618	149%
08.	Italy	Rome	609	147%
09.	Switzerland	Zurich	590	142%
10.	Russia	Moscow	556	134%
11.	France	Paris	528	127%
12.	Czech Republic	Prague	501	121%
13.	Norway	Oslo	500	120%
14.	United Kingdom	Edinburgh	497	120%
15.	Singapore	Singapore	483	116%
16.	Sweden	Stockholm	446	107%
17.	Finland	Helsinki	445	107%
18.	Saudi Arabia	Riyadh	442	106%
19.	Ireland	Dublin	440	106%
20.	Mexico	Mexico City	439	106%
21.	United States	Chicago	417	100%
22.	United States	New York City	415	100%
23.	Japan	Tokyo	403	97%
24.	Netherlands	Amsterdam	369	89%
25.	Australia	Melbourne	361	87%
26.	Hong Kong	Hong Kong	354	85%
27.	New Zealand	Wellington	353	85%
28.	Indonesia	Jakarta	351	84%
29.	United Arab Emirates	Dubai	339	82%
30.	New Zealand	Auckland	330	79%
31.	Bangladesh	Dhaka	329	79%
32.	Australia	Sydney	329	79%
33.	South Africa	Cape Town	319	77%
34.	Brazil	Sao Paulo	308	74%
35.	Poland	Warsaw	299	72%
36.	South Korea	Seoul	292	70%
37.	Portugal	Lisbon	274	66%
38.	Canada	Toronto	269	65%
39.	India	Mumbai	269	65%
40.	Germany	Berlin	266	64%
41.	China	Shanghai	266	64%
42.	Germany	Frankfurt	261	63%
43.	Canada	Vancouver	260	63%
44.	India	Bangalore	255	61%
45.	India	New Delhi	244	59%
46.	United States	Boston	239	58%
47.	Greece	Athens	227	55%
48.	Brazil	Rio de Janeiro	216	52%
49.	South Africa	Johannesburg	215	52%
50.	Philippines	Manila	200	48%
51.	Nigeria	Lagos	197	48%
52.	Belgium	Brussels	194	47%
53.	Turkey	Istanbul	180	43%
54.	Malaysia	Kuala Lumpur	164	39%

Source : Hyatt Hotels, equivalent hotel websites

Note: Room rent of King sized rooms for a day in mid-November in Hyatt Regency with a view. Where Hyatt Regency does not have a property in a prominent location, Park Hyatt Hotels have been considered. Significant price differences between Hyatt Regency and Park Hyatt can occur. In the absence of any Hyatt brand hotels, equivalent rooms in other luxury hotels have been considered. Alternative hotels include the Hotel Barsey by Warwick (Brussels), The Leela Palace (Bangalore), Hotel D'Angleterre (Copenhagen), Hotel Kamp (Helsinki), Rydges Hotel (Auckland and Wellington), Hotel Villa Magna (Madrid), Grand Hotel (Stockholm), Westin Hotel (Cape Town), Four Seasons (Prague), Royal Olympic Hotel (Athens), Ritz Carlton (Kuala Lumpur), Grand Hotel (Oslo), Mamaison Hotel Le Regina (Warsaw), Sofitel (Lisbon), Federal Palace (Lagos), Four Seasons Hotel (Cairo) and Marriott (Dhaka and Rome).



Figure 11: 2 Litres of Coca-Cola

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	-	-	Norway	Oslo	5.37	4.77	4.73	197%	-1%	-1%	-12%	-34%
02.	-	+1	Denmark	Copenhagen	4.93	3.43	2.98	124%	-13%	-13%	-39%	-55%
03.	+14	+1	Netherlands	Amsterdam	2.85	2.92	2.67	111%	-9%	-9%	-6%	-30%
03.	+16	+2	Belgium	Brussels	2.80	2.80	2.67	111%	-5%	-5%	-5%	-28%
03.	+2	+2	Ireland	Dublin	3.33	2.80	2.67	111%	-5%	-5%	-20%	-40%
06.	-3	-4	Finland	Helsinki	4.64	3.66	2.56	107%	-30%	-30%	-45%	-59%
07.	+13	+4	United Kingdom	London	2.69	2.51	2.45	102%	-2%	-2%	-9%	-32%
08.	+27	+12	United States	New York City	1.80	2.40	2.40	100%	0%	0%	33%	0%
09.	+6	+5	New Zealand	Wellington	2.99	2.47	2.38	99%	-4%	-4%	-20%	-40%
09.	-5	+5	New Zealand	Auckland	3.37	2.47	2.38	99%	-4%	-4%	-29%	-47%
11.	+5	+6	Switzerland	Zurich	2.89	2.44	2.35	98%	-4%	-4%	-19%	-39%
12.	+1	-1	United Kingdom	Edinburgh	3.02	2.51	2.32	97%	-7%	-7%	-23%	-42%
13.	+21	+14	United States	Boston	1.90	2.00	2.30	96%	15%	15%	21%	-9%
14.	+7	-7	South Korea	Seoul	2.51	2.76	2.25	94%	-18%	-18%	-10%	-33%
15.	+8	-5	Italy	Milan	2.48	2.56	2.23	93%	-13%	-13%	-10%	-33%
15.	-6	+3	Austria	Vienna	3.10	2.44	2.23	93%	-9%	-9%	-28%	-46%
15.	-4	+6	France	Paris	3.06	2.32	2.23	93%	-4%	-4%	-27%	-45%
15.	+3	+6	Greece	Athens	2.82	2.32	2.23	93%	-4%	-4%	-21%	-41%
19.	-11	+15	Japan	Tokyo	3.11	1.79	2.12	89%	18%	18%	-32%	-49%
20.	+8	-2	Portugal	Lisbon	2.25	2.44	2.12	88%	-13%	-13%	-6%	-30%
20.	-13	+1	Italy	Rome	3.18	2.32	2.12	88%	-9%	-9%	-34%	-50%
22.	-12	-14	Australia	Sydney	3.09	2.57	2.10	88%	-18%	-18%	-32%	-49%
22.	-16	-9	Australia	Melbourne	3.23	2.50	2.10	88%	-16%	-16%	-35%	-51%
24.	-	-	United States	San Francisco	2.45	2.30	2.10	88%	-9%	-9%	-14%	-36%
25.	-13	-9	Sweden	Stockholm	3.04	2.46	2.10	87%	-15%	-15%	-31%	-48%
26.	-4	+3	Germany	Frankfurt	2.50	1.95	2.00	84%	3%	3%	-20%	-40%
26.	-1	+11	Germany	Berlin	2.29	1.71	2.00	84%	18%	18%	-12%	-34%
28.	+20	+7	Saudi Arabia	Riyadh	1.31	1.73	1.95	81%	12%	12%	49%	12%
29.	-3	+1	Canada	Vancouver	2.26	1.94	1.93	80%	-1%	-1%	-15%	-36%
30.	+9	-4	Hong Kong	Hong Kong	1.62	2.04	1.91	80%	-6%	-6%	18%	-11%
31.	+14	+5	United Arab Emirates	Dubai	1.39	1.72	1.91	79%	11%	11%	37%	3%
32.	+8	-8	United States	Chicago	1.60	2.30	1.90	79%	-17%	-17%	19%	-11%
33.	-6	-5	Singapore	Singapore	2.26	1.96	1.83	76%	-6%	-6%	-19%	-39%
34.	-5	+3	Spain	Madrid	2.12	1.71	1.78	74%	4%	4%	-16%	-37%
35.	-2	-2	Canada	Toronto	1.93	1.86	1.78	74%	-5%	-5%	-8%	-31%
36.	-6	-5	Brazil	Sao Paulo	2.11	1.87	1.75	73%	-6%	-6%	-17%	-38%
37.	-5	-6	Brazil	Rio de Janeiro	1.98	1.87	1.62	67%	-13%	-13%	-18%	-39%
38.	-7	-29	Argentina	Buenos Aires	2.00	2.57	1.60	67%	-38%	-38%	-20%	-40%
39.	-1	+2	Russia	Moscow	1.73	1.52	1.51	63%	-1%	-1%	-12%	-34%
40.	+10	+5	Philippines	Manila	1.22	1.28	1.49	62%	17%	17%	22%	-8%
41.	-5	+1	Poland	Warsaw	1.79	1.47	1.40	58%	-5%	-5%	-21%	-41%
42.	-5	-2	Czech Republic	Prague	1.78	1.58	1.38	58%	-12%	-12%	-22%	-42%
43.	-	-4	Indonesia	Jakarta	1.47	1.69	1.38	57%	-19%	-19%	-7%	-30%
44.	-2	+3	Mexico	Mexico City	1.49	1.26	1.26	52%	0%	0%	-15%	-37%
45.	+1	-2	South Africa	Cape Town	1.35	1.36	1.25	52%	-8%	-8%	-8%	-31%
45.	-4	-1	South Africa	Johannesburg	1.51	1.28	1.25	52%	-3%	-3%	-17%	-38%
47.	+5	+1	Bangladesh	Dhaka	1.12	1.18	1.21	51%	3%	3%	8%	-19%
48.	+5	+1	India	New Delhi	1.08	1.18	1.18	49%	0%	0%	10%	-18%
49.	+5	+1	India	Bangalore	1.06	1.17	1.17	49%	0%	0%	11%	-17%
50.	+5	-	India	Mumbai	1.00	1.17	1.11	46%	-5%	-5%	11%	-17%
51.	-7	-5	China	Shanghai	1.42	1.26	1.10	46%	-13%	-13%	-23%	-42%
52.	-38	+1	Nigeria	Lagos	3.02	1.11	1.06	44%	-4%	-4%	-65%	-74%
53.	-4	-1	Malaysia	Kuala Lumpur	1.27	1.12	0.92	38%	-18%	-18%	-28%	-46%
54.	-3	+1	Egypt	Cairo	1.14	0.68	0.76	32%	12%	12%	-34%	-50%
55.	-8	-1	Turkey	Istanbul	1.33	0.93	0.74	31%	-20%	-20%	-44%	-58%

Source : www.expatistan.com



Figure 12: Beer in a Neighbourhood Pub (500ml or 1 pint) in Expat Area

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	-	United Arab Emirates	Dubai	9.5	12.0	11.4	148%	-5%	-5%	20%	0%
02.	-1	-	Norway	Oslo	12.1	10.3	9.8	127%	-5%	-5%	-19%	-32%
03.	+8	+14	Denmark	Copenhagen	7.0	6.7	8.5	110%	27%	27%	22%	2%
04.	+5	-1	Hong Kong	Hong Kong	7.2	8.9	8.2	106%	-9%	-9%	13%	-6%
05.	-	-1	Singapore	Singapore	8.1	8.3	8.1	105%	-3%	-3%	0%	-17%
06.	+13	-	United States	New York City	6.4	7.7	7.7	100%	0%	0%	20%	0%
07.	-3	+2	France	Paris	8.3	7.3	7.5	97%	2%	2%	-10%	-24%
08.	+21	-	United States	San Francisco	5.0	7.4	7.2	94%	-3%	-3%	45%	21%
08.	+18	+10	United States	Boston	5.6	6.7	7.2	94%	7%	7%	29%	8%
10.	-4	+2	Finland	Helsinki	7.5	7.1	7.1	93%	1%	1%	-5%	-21%
11.	-4	-6	Switzerland	Zurich	7.5	7.7	7.1	92%	-9%	-9%	-6%	-21%
12.	+4	-1	United Kingdom	London	6.5	7.2	7.0	90%	-4%	-4%	6%	-11%
13.	+5	+2	China	Shanghai	6.4	7.0	6.8	89%	-2%	-2%	6%	-11%
14.	+1	-2	Ireland	Dublin	6.6	7.1	6.7	87%	-5%	-5%	1%	-15%
15.	+2	-1	New Zealand	Auckland	6.5	7.1	6.6	86%	-6%	-6%	2%	-15%
16.	+11	+8	United States	Chicago	5.1	5.9	6.6	86%	12%	12%	30%	9%
17.	-5	+2	Italy	Milan	7.0	6.5	6.5	84%	0%	0%	-8%	-23%
18.	-15	-8	Sweden	Stockholm	8.9	7.3	6.4	83%	-12%	-12%	-28%	-40%
19.	-6	-3	Australia	Melbourne	6.9	6.8	6.3	82%	-7%	-7%	-9%	-24%
19.	+3	+3	Australia	Sydney	6.0	6.1	6.3	82%	4%	4%	5%	-12%
21.	+28	-14	Bangladesh	Dhaka	2.9	7.5	5.8	76%	-23%	-23%	104%	71%
22.	-1	+1	United Kingdom	Edinburgh	6.0	6.0	5.7	74%	-5%	-5%	-6%	-22%
23.	-15	-4	Italy	Rome	7.3	6.5	5.6	72%	-14%	-14%	-24%	-37%
24.	-4	+2	Canada	Toronto	6.4	5.7	5.3	69%	-6%	-6%	-17%	-31%
25.	-15	+4	Malaysia	Kuala Lumpur	7.2	5.4	5.3	69%	-1%	-1%	-26%	-38%
26.	-12	+1	New Zealand	Wellington	6.7	5.7	5.3	69%	-6%	-6%	-21%	-34%
27.	-3	+3	Greece	Athens	5.9	5.1	5.2	68%	2%	2%	-12%	-26%
28.	+9	-3	Spain	Madrid	3.8	5.7	5.1	67%	-11%	-11%	34%	12%
29.	-4	-1	Canada	Vancouver	5.9	5.5	5.0	65%	-9%	-9%	-14%	-28%
30.	+11	-9	Netherlands	Amsterdam	3.4	6.1	5.0	65%	-18%	-18%	48%	23%
31.	-3	+1	Japan	Tokyo	5.0	5.0	5.0	65%	0%	0%	1%	-16%
32.	-2	-1	Indonesia	Jakarta	4.7	5.0	5.0	65%	-1%	-1%	7%	-11%
33.	-10	+1	Russia	Moscow	5.9	4.7	4.7	61%	-1%	-1%	-21%	-34%
34.	-2	+1	Germany	Frankfurt	4.6	4.6	4.5	58%	-4%	-4%	-4%	-20%
35.	-4	-	Austria	Vienna	4.7	4.6	4.3	56%	-6%	-6%	-7%	-22%
36.	+6	+7	India	New Delhi	3.2	3.4	4.3	56%	27%	27%	34%	12%
37.	+6	+8	India	Bangalore	3.2	3.2	4.2	55%	33%	33%	34%	12%
38.	+1	-	Belgium	Brussels	3.5	4.5	4.1	54%	-9%	-9%	17%	-2%
39.	-5	-6	South Korea	Seoul	4.2	4.8	4.0	51%	-17%	-17%	-5%	-20%
40.	+6	-1	India	Mumbai	3.0	3.9	3.6	47%	-9%	-9%	21%	1%
41.	-3	-	Brazil	Sao Paulo	3.6	3.7	3.5	46%	-5%	-5%	-1%	-17%
42.	-7	-2	Germany	Berlin	3.9	3.9	3.5	45%	-11%	-11%	-11%	-26%
43.	-10	-1	Turkey	Istanbul	4.3	3.7	3.2	41%	-13%	-13%	-25%	-38%
44.	-	+6	Mexico	Mexico City	3.1	2.4	3.1	40%	28%	28%	-1%	-17%
45.	-	+1	Brazil	Rio de Janeiro	3.0	3.2	2.8	36%	-12%	-12%	-9%	-24%
46.	+1	+2	Poland	Warsaw	2.9	2.6	2.6	34%	0%	0%	-11%	-26%
47.	-11	-10	Argentina	Buenos Aires	3.9	4.6	2.3	30%	-49%	-49%	-40%	-50%
48.	+4	+1	South Africa	Cape Town	1.7	2.6	2.2	29%	-14%	-14%	28%	7%
49.	-9	-5	Egypt	Cairo	3.4	3.2	2.2	28%	-33%	-33%	-37%	-48%
50.	+1	+1	South Africa	Johannesburg	1.8	2.2	2.1	27%	-7%	-7%	16%	-3%
51.	-3	-4	Portugal	Lisbon	2.9	2.8	2.0	26%	-28%	-28%	-30%	-42%
52.	-2	-	Nigeria	Lagos	2.2	1.7	1.9	25%	13%	13%	-10%	-25%
53.	+1	+1	Philippines	Manila	1.4	1.5	1.9	25%	27%	27%	34%	12%
54.	-1	-1	Czech Republic	Prague	1.6	1.6	1.6	20%	-4%	-4%	0%	-16%

Source : www.expatistan.com



Figure 13: 1 Pair of Sport Shoes (Nike, Adidas or Equivalent Brands)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	+3	Switzerland	Zurich	149.8	122.1	150.9	162%	24%	24%	1%	-4%
02.	+2	-	Denmark	Copenhagen	145.3	140.5	132.9	143%	-5%	-5%	-9%	-13%
03.	-	-2	Norway	Oslo	146.3	141.3	124.1	133%	-12%	-12%	-15%	-19%
04.	+37	+26	United Arab Emirates	Dubai	84.4	96.7	119.2	128%	23%	23%	41%	34%
05.	+6	+1	Netherlands	Amsterdam	122.2	120.6	118.1	127%	-2%	-2%	-3%	-8%
06.	-5	+3	New Zealand	Wellington	151.3	119.4	112.5	121%	-6%	-6%	-26%	-29%
07.	+31	+11	Egypt	Cairo	87.8	111.0	112.1	121%	1%	1%	28%	21%
08.	+12	-5	France	Paris	112.3	130.4	110.3	119%	-15%	-15%	-2%	-7%
08.	+5	+2	Italy	Milan	119.4	118.2	110.3	119%	-7%	-7%	-8%	-12%
10.	-4	+1	Australia	Sydney	139.0	116.5	109.4	118%	-6%	-6%	-21%	-25%
11.	-1	+5	Finland	Helsinki	124.6	112.1	104.7	113%	-7%	-7%	-16%	-20%
12.	-3	-	New Zealand	Auckland	129.0	115.2	104.5	112%	-9%	-9%	-19%	-23%
13.	+10	+11	United Kingdom	Edinburgh	107.6	104.5	104.5	112%	0%	0%	-3%	-8%
14.	+4	+7	Australia	Melbourne	113.8	108.9	103.7	112%	-5%	-5%	-9%	-13%
15.	+33	+30	Saudi Arabia	Riyadh	75.2	83.7	102.7	110%	23%	23%	37%	30%
16.	+14	-	Greece	Athens	99.6	112.1	102.5	110%	-9%	-9%	3%	-2%
17.	+7	+10	United Kingdom	London	107.0	101.8	101.9	110%	0%	0%	-5%	-10%
18.	-4	-5	Germany	Frankfurt	117.1	114.5	101.3	109%	-12%	-12%	-13%	-18%
18.	+3	-3	Italy	Rome	110.7	113.3	101.3	109%	-11%	-11%	-8%	-13%
20.	-1	-13	China	Shanghai	112.9	120.1	101.3	109%	-16%	-16%	-10%	-15%
21.	-5	-13	Austria	Vienna	115.9	119.4	100.2	108%	-16%	-16%	-14%	-18%
22.	+23	+6	United States	San Francisco	80.6	100.0	99.0	106%	-1%	-1%	23%	17%
23.	-16	-9	Sweden	Stockholm	135.3	113.9	97.9	105%	-14%	-14%	-28%	-31%
24.	+3	-1	Singapore	Singapore	102.7	105.4	97.6	105%	-7%	-7%	-5%	-10%
25.	-10	-20	Belgium	Brussels	116.5	121.8	96.9	104%	-20%	-20%	-17%	-21%
25.	+3	-6	Ireland	Dublin	101.5	110.9	96.9	104%	-13%	-13%	-5%	-9%
27.	+7	+17	Hong Kong	Hong Kong	92.6	84.5	96.0	103%	14%	14%	4%	-2%
28.	-20	+1	Brazil	Sao Paulo	132.9	98.4	94.6	102%	-4%	-4%	-29%	-32%
29.	-3	+5	South Korea	Seoul	103.4	94.1	93.5	101%	-1%	-1%	-10%	-14%
30.	+7	+5	United States	New York City	88.3	93.0	93.0	100%	0%	0%	5%	0%
30.	+12	+8	United States	Boston	82.0	92.0	93.0	100%	1%	1%	13%	8%
32.	+14	-6	South Africa	Johannesburg	76.4	101.9	91.1	98%	-11%	-11%	19%	13%
33.	+16	-2	South Africa	Cape Town	65.2	95.6	89.9	97%	-6%	-6%	38%	31%
34.	-17	+3	Russia	Moscow	115.7	92.4	89.8	97%	-3%	-3%	-22%	-26%
35.	-6	-2	Canada	Vancouver	101.5	94.8	89.7	96%	-5%	-5%	-12%	-16%
36.	+11	+4	Czech Republic	Prague	76.1	90.4	89.1	96%	-1%	-1%	17%	11%
37.	-12	-18	Portugal	Lisbon	106.2	110.9	88.0	95%	-21%	-21%	-17%	-21%
38.	+2	+3	Mexico	Mexico City	85.7	90.3	87.5	94%	-3%	-3%	2%	-3%
39.	-4	+3	Canada	Toronto	91.7	90.1	87.4	94%	-3%	-3%	-5%	-9%
40.	-8	+6	Poland	Warsaw	94.0	81.8	85.1	92%	4%	4%	-9%	-14%
41.	-2	-2	United States	Chicago	85.9	91.0	83.0	89%	-9%	-9%	-3%	-8%
42.	-37	-10	Brazil	Rio de Janeiro	142.0	95.0	82.8	89%	-13%	-13%	-42%	-45%
43.	-21	-7	Spain	Madrid	110.6	92.6	82.4	89%	-11%	-11%	-25%	-29%
44.	-13	+4	Philippines	Manila	95.8	78.5	81.1	87%	3%	3%	-15%	-20%
45.	-33	-20	Germany	Berlin	119.4	103.6	76.8	83%	-26%	-26%	-36%	-39%
46.	-3	-3	Japan	Tokyo	81.4	87.2	75.5	81%	-13%	-13%	-7%	-12%
47.	+6	-	Indonesia	Jakarta	57.1	78.5	72.6	78%	-8%	-8%	27%	21%
48.	+3	+5	Bangladesh	Dhaka	60.3	58.8	67.9	73%	15%	15%	13%	7%
49.	-16	-	Malaysia	Kuala Lumpur	92.8	74.1	65.5	70%	-12%	-12%	-29%	-33%
50.	+5	+4	India	New Delhi	56.4	58.1	64.2	69%	10%	10%	14%	8%
51.	-7	-	Nigeria	Lagos	81.3	67.0	63.0	68%	-6%	-6%	-23%	-26%
52.	-	-	India	Mumbai	59.5	60.3	60.6	65%	1%	1%	2%	-3%
53.	-3	-3	Turkey	Istanbul	64.8	72.6	59.8	64%	-18%	-18%	-8%	-12%
54.	-18	-32	Argentina	Buenos Aires	90.1	108.2	59.7	64%	-45%	-45%	-34%	-37%
55.	-1	-	India	Bangalore	57.0	55.7	58.3	63%	5%	5%	2%	-3%

Source : www.expstatian.com



Figure 14: 1 Pair of Levis Jeans (Levis 501 or similar)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+2	+2	Switzerland	Zurich	144.3	121.1	119.6	214%	-1%	-5%	-17%	-15%
02.	+2	+3	Denmark	Copenhagen	138.3	113.7	118.7	212%	4%	1%	-14%	-12%
03.	-2	-2	Norway	Oslo	149.3	136.4	115.3	206%	-15%	-19%	-23%	-21%
04.	+24	+5	China	Shanghai	98.9	110.6	108.7	194%	-2%	-5%	10%	13%
05.	+8	+6	Finland	Helsinki	123.6	107.2	106.9	191%	0%	-4%	-14%	-11%
06.	+5	+1	Italy	Milan	125.0	110.9	102.5	183%	-8%	-11%	-18%	-16%
07.	-	-1	France	Paris	130.1	112.1	101.3	181%	-10%	-13%	-22%	-20%
08.	+2	-1	Germany	Frankfurt	126.9	110.9	99.1	177%	-11%	-14%	-22%	-20%
09.	-7	+1	Sweden	Stockholm	146.2	108.5	98.2	175%	-10%	-13%	-33%	-31%
10.	+9	-6	Austria	Vienna	112.3	119.4	98.0	175%	-18%	-21%	-13%	-10%
11.	+12	+7	United Kingdom	London	108.7	99.0	96.8	173%	-2%	-6%	-11%	-9%
12.	-4	-10	Belgium	Brussels	129.3	123.1	92.4	165%	-25%	-28%	-29%	-27%
13.	+11	+8	United Kingdom	Edinburgh	103.9	87.8	91.6	164%	4%	1%	-12%	-10%
14.	-	-2	Ireland	Dublin	122.2	103.6	91.3	163%	-12%	-15%	-25%	-23%
15.	-10	-1	Netherlands	Amsterdam	137.4	99.9	89.1	159%	-11%	-14%	-35%	-34%
16.	-7	-2	Italy	Rome	127.3	99.9	88.0	157%	-12%	-15%	-31%	-29%
17.	+5	+11	Poland	Warsaw	109.7	77.8	87.7	157%	13%	9%	-20%	-18%
18.	+11	-5	Czech Republic	Prague	97.9	100.7	87.0	155%	-14%	-17%	-11%	-9%
19.	-4	-5	Germany	Berlin	116.7	99.9	85.8	153%	-14%	-17%	-27%	-25%
20.	-14	+4	Russia	Moscow	130.9	84.2	85.1	152%	1%	-3%	-35%	-33%
21.	-3	-7	Greece	Athens	113.8	99.9	84.6	151%	-15%	-18%	-26%	-24%
22.	+3	+5	United Arab Emirates	Dubai	103.7	79.5	81.1	145%	2%	-2%	-22%	-20%
23.	-3	-4	Portugal	Lisbon	111.2	96.3	80.2	143%	-17%	-20%	-28%	-26%
24.	-12	-2	Spain	Madrid	124.6	86.5	79.1	141%	-9%	-12%	-37%	-35%
25.	+8	+4	Hong Kong	Hong Kong	83.2	76.6	76.4	136%	0%	-4%	-8%	-6%
26.	-	-3	Australia	Sydney	100.7	84.7	75.7	135%	-11%	-14%	-25%	-23%
27.	+4	-2	Australia	Melbourne	93.6	83.2	74.3	133%	-11%	-14%	-21%	-19%
28.	+16	+9	United States	San Francisco	58.0	63.0	74.0	132%	17%	13%	28%	31%
29.	-12	+1	New Zealand	Auckland	114.8	74.2	73.4	131%	-1%	-5%	-36%	-34%
30.	-	-4	Singapore	Singapore	95.8	79.8	73.4	131%	-8%	-11%	-23%	-22%
31.	-10	+1	New Zealand	Wellington	110.9	69.2	70.1	125%	1%	-2%	-37%	-35%
32.	-	+8	South Korea	Seoul	90.8	60.5	64.4	115%	7%	3%	-29%	-27%
33.	+5	-	Malaysia	Kuala Lumpur	72.7	68.5	64.1	114%	-7%	-10%	-12%	-10%
34.	-18	+2	Brazil	Sao Paulo	115.7	64.3	61.7	110%	-4%	-7%	-47%	-45%
35.	+7	-	South Africa	Cape Town	62.6	65.4	61.6	110%	-6%	-9%	-2%	1%
36.	+4	+17	Saudi Arabia	Riyadh	67.2	37.3	61.1	109%	64%	58%	-9%	-7%
37.	-10	-6	Brazil	Rio de Janeiro	99.2	70.9	60.7	108%	-14%	-17%	-39%	-37%
38.	-1	-4	Japan	Tokyo	73.7	67.2	57.7	103%	-14%	-17%	-22%	-20%
39.	+6	+4	United States	New York City	57.4	54.0	56.0	100%	4%	0%	-2%	0%
40.	-5	+4	Egypt	Cairo	77.4	51.4	55.8	100%	9%	5%	-28%	-26%
41.	-5	-2	South Africa	Johannesburg	75.4	60.6	55.6	99%	-8%	-12%	-26%	-24%
42.	+1	-4	Canada	Vancouver	58.9	62.9	54.1	97%	-14%	-17%	-8%	-6%
43.	+4	-2	Canada	Toronto	54.7	58.3	53.4	95%	-8%	-12%	-2%	0%
44.	-10	-24	Argentina	Buenos Aires	81.2	92.3	51.1	91%	-45%	-47%	-37%	-35%
45.	+6	-3	United States	Boston	44.6	56.0	50.0	89%	-11%	-14%	12%	15%
45.	+3	-	United States	Chicago	54.5	51.0	50.0	89%	-2%	-5%	-8%	-6%
47.	-1	-	Mexico	Mexico City	57.2	43.4	48.7	87%	12%	8%	-15%	-13%
48.	+1	-	Indonesia	Jakarta	48.2	41.0	47.1	84%	15%	11%	-2%	0%
49.	-8	+1	Philippines	Manila	62.9	39.8	41.5	74%	4%	1%	-34%	-32%
50.	-	+1	India	New Delhi	46.6	37.7	38.1	68%	1%	-2%	-18%	-16%
51.	-12	-5	Turkey	Istanbul	68.6	46.3	37.1	66%	-20%	-23%	-46%	-45%
52.	+2	-	India	Bangalore	41.5	37.6	36.1	64%	-4%	-8%	-13%	-11%
53.	+2	-4	India	Mumbai	35.0	39.9	34.9	62%	-12%	-16%	0%	2%
54.	-1	+1	Bangladesh	Dhaka	44.0	26.0	24.5	44%	-6%	-9%	-44%	-43%
55.	-3	-1	Nigeria	Lagos	44.1	32.1	24.3	43%	-25%	-27%	-45%	-44%

Source : www.expstatian.com



Figure 15: Monthly Ticket Public Transport

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	-	-	United Kingdom	London	213.6	196.5	179.4	148%	-9%	-9%	-16%	-22%
02.	-	-	Ireland	Dublin	146.9	143.8	128.1	106%	-11%	-11%	-13%	-19%
03.	+1	-	New Zealand	Auckland	130.5	137.1	125.7	104%	-8%	-8%	-4%	-10%
04.	+11	+19	Japan	Tokyo	96.3	71.2	123.1	102%	73%	73%	28%	19%
05.	+5	-	United States	New York City	112.9	121.0	121.0	100%	0%	0%	7%	0%
06.	-3	-2	Australia	Sydney	143.6	127.1	120.6	100%	-5%	-5%	-16%	-22%
07.	+2	+3	New Zealand	Wellington	114.1	102.5	113.1	94%	10%	10%	-1%	-7%
08.	-1	-2	Canada	Toronto	115.7	113.5	107.5	89%	-5%	-5%	-7%	-13%
09.	+7	+2	United States	Chicago	93.2	101.0	107.0	88%	6%	6%	15%	7%
10.	-2	-3	Australia	Melbourne	114.6	110.4	102.3	85%	-7%	-7%	-11%	-17%
11.	-6	-3	Netherlands	Amsterdam	119.3	108.4	100.2	83%	-8%	-8%	-16%	-22%
12.	-	-3	Germany	Frankfurt	108.3	106.0	96.9	80%	-9%	-9%	-10%	-16%
13.	+5	+1	Switzerland	Zurich	89.7	94.7	90.2	75%	-5%	-5%	1%	-6%
14.	-8	-2	Sweden	Stockholm	118.2	98.5	89.7	74%	-9%	-9%	-24%	-29%
15.	-2	-2	Germany	Berlin	103.8	97.5	89.1	74%	-9%	-9%	-14%	-20%
16.	+12	+4	United States	San Francisco	69.3	81.0	89.0	74%	10%	10%	29%	20%
17.	-6	-2	Norway	Oslo	111.0	89.4	87.2	72%	-2%	-2%	-21%	-27%
18.	-4	+9	South Africa	Johannesburg	101.5	65.7	85.2	70%	30%	30%	-16%	-22%
19.	+5	-2	United States	Boston	71.9	85.0	84.0	69%	-1%	-1%	17%	9%
20.	-3	-4	France	Paris	89.8	88.9	83.5	69%	-6%	-6%	-7%	-13%
21.	-	-3	Canada	Vancouver	85.2	83.1	83.0	69%	0%	0%	-3%	-9%
22.	+13	-	United Arab Emirates	Dubai	57.7	77.6	70.2	58%	-9%	-9%	22%	14%
23.	-3	-4	Denmark	Copenhagen	85.7	82.8	70.0	58%	-15%	-15%	-18%	-24%
24.	-5	-3	United Kingdom	Edinburgh	89.1	79.5	69.7	58%	-12%	-12%	-22%	-27%
25.	+7	-	Hong Kong	Hong Kong	65.8	66.6	67.2	56%	1%	1%	2%	-5%
26.	-3	-2	Singapore	Singapore	73.9	70.0	66.7	55%	-5%	-5%	-10%	-16%
27.	+6	+1	Finland	Helsinki	62.7	64.6	61.3	51%	-5%	-5%	-2%	-9%
28.	-6	-2	Spain	Madrid	77.1	65.8	55.7	46%	-15%	-15%	-28%	-33%
29.	-4	+2	Brazil	Sao Paulo	70.8	58.5	55.7	46%	-5%	-5%	-21%	-27%
30.	-3	-1	Belgium	Brussels	69.7	60.9	54.6	45%	-10%	-10%	-22%	-27%
31.	+5	-1	South Korea	Seoul	52.9	59.2	54.2	45%	-8%	-8%	2%	-4%
32.	-1	-	Austria	Vienna	66.5	56.0	53.5	44%	-5%	-5%	-20%	-25%
33.	-7	-	Brazil	Rio de Janeiro	70.3	56.0	51.9	43%	-7%	-7%	-26%	-31%
34.	+3	-	Portugal	Lisbon	50.8	46.3	43.4	36%	-6%	-6%	-15%	-20%
35.	-5	+11	Nigeria	Lagos	67.3	29.8	41.7	34%	40%	40%	-38%	-42%
36.	+17	+14	Bangladesh	Dhaka	12.7	21.9	40.9	34%	86%	86%	221%	199%
37.	+2	-1	Italy	Rome	48.4	42.6	40.1	33%	-6%	-6%	-17%	-23%
38.	+2	-2	Italy	Milan	44.5	42.6	37.9	31%	-11%	-11%	-15%	-21%
39.	+13	+15	Egypt	Cairo	13.4	17.5	34.6	29%	98%	98%	158%	140%
40.	-6	-	Greece	Athens	62.4	37.8	33.4	28%	-12%	-12%	-46%	-50%
41.	-12	-6	Turkey	Istanbul	67.5	45.8	33.2	27%	-27%	-27%	-51%	-54%
42.	-1	+1	Russia	Moscow	42.2	32.1	31.0	26%	-3%	-3%	-26%	-31%
43.	+5	-1	China	Shanghai	23.0	33.2	30.7	25%	-8%	-8%	33%	24%
44.	+5	-	South Africa	Cape Town	20.6	31.2	29.9	25%	-4%	-4%	45%	35%
45.	-3	-	Poland	Warsaw	34.5	31.1	28.8	24%	-7%	-7%	-17%	-22%
46.	-3	+7	Indonesia	Jakarta	31.0	19.4	28.7	24%	48%	48%	-7%	-14%
47.	-2	-8	Malaysia	Kuala Lumpur	27.6	38.3	26.1	22%	-32%	-32%	-5%	-12%
48.	-1	-7	Philippines	Manila	23.7	34.0	24.9	21%	-27%	-27%	5%	-2%
49.	-3	-1	India	Bangalore	24.0	25.2	24.2	20%	-4%	-4%	1%	-6%
50.	-12	-12	Saudi Arabia	Riyadh	49.9	39.2	24.0	20%	-39%	-39%	-52%	-55%
51.	-7	-4	Czech Republic	Prague	28.3	26.7	23.4	19%	-13%	-13%	-17%	-23%
52.	+2	-1	India	New Delhi	12.7	20.8	23.1	19%	11%	11%	81%	69%
53.	-3	-4	Mexico	Mexico City	20.0	23.0	19.9	16%	-14%	-14%	-1%	-7%
54.	+1	+1	India	Mumbai	11.8	15.8	16.8	14%	6%	6%	43%	34%
55.	-4	-3	Argentina	Buenos Aires	19.1	19.6	15.3	13%	-22%	-22%	-20%	-25%

Source : www.expstatian.com



Figure 16: New Mid-Size Car (Equivalent to Volkswagen Golf), no Extras

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	-	-	Singapore	Singapore	126,792	86,412	76,313	325%	-12%	-13%	-40%	-41%
02.	-	-	Denmark	Copenhagen	57,097	44,062	39,904	170%	-9%	-11%	-30%	-31%
03.	+1	-	Norway	Oslo	55,279	42,239	39,273	167%	-7%	-9%	-29%	-30%
04.	+12	+2	Bangladesh	Dhaka	33,711	34,001	37,579	160%	11%	9%	11%	10%
05.	-2	-1	Malaysia	Kuala Lumpur	55,889	37,057	36,323	155%	-2%	-4%	-35%	-36%
06.	+7	+4	Indonesia	Jakarta	33,958	29,796	34,263	146%	15%	13%	1%	-1%
07.	+32	+18	Japan	Tokyo	24,375	24,630	30,682	131%	25%	23%	26%	24%
08.	-2	-3	Finland	Helsinki	39,967	35,168	30,003	128%	-15%	-16%	-25%	-26%
09.	-	-2	Netherlands	Amsterdam	37,169	31,634	29,317	125%	-7%	-9%	-21%	-22%
10.	-5	-2	Portugal	Lisbon	40,462	31,625	28,450	121%	-10%	-12%	-30%	-31%
11.	-1	-	France	Paris	35,216	29,520	27,588	118%	-7%	-8%	-22%	-23%
12.	+13	-	South Korea	Seoul	31,191	29,470	27,147	116%	-8%	-9%	-13%	-14%
13.	+10	+10	Italy	Milan	31,573	25,153	26,747	114%	6%	5%	-15%	-17%
14.	+4	-5	Ireland	Dublin	33,098	30,290	26,583	113%	-12%	-14%	-20%	-21%
15.	+19	+9	United Kingdom	Edinburgh	28,541	24,723	26,481	113%	7%	5%	-7%	-9%
16.	+15	-3	Belgium	Brussels	30,241	27,959	26,416	113%	-6%	-7%	-13%	-14%
17.	-6	-1	Hong Kong	Hong Kong	35,101	27,624	26,331	112%	-5%	-6%	-25%	-26%
18.	-11	-	Switzerland	Zurich	39,784	26,602	25,894	110%	-3%	-4%	-35%	-36%
19.	+14	-2	Egypt	Cairo	28,553	26,618	25,434	108%	-4%	-6%	-11%	-12%
20.	+1	-	Turkey	Istanbul	32,285	26,245	25,285	108%	-4%	-5%	-22%	-23%
21.	+11	-6	Austria	Vienna	29,129	27,902	24,235	103%	-13%	-15%	-17%	-18%
22.	-14	+6	United Kingdom	London	37,794	24,072	23,981	102%	0%	-2%	-37%	-37%
23.	+21	+18	United Arab Emirates	Dubai	22,897	21,854	23,602	101%	8%	6%	3%	2%
24.	-	-3	Spain	Madrid	31,212	26,156	23,519	100%	-10%	-12%	-25%	-26%
25.	+16	+9	United States	New York City	23,113	23,065	23,454	100%	2%	0%	1%	0%
26.	+12	+13	South Africa	Johannesburg	25,701	22,030	22,838	97%	4%	2%	-11%	-12%
27.	+2	-13	Italy	Rome	30,679	27,914	22,675	97%	-19%	-20%	-26%	-27%
28.	+8	+12	United States	San Francisco	26,700	21,968	22,535	96%	3%	1%	-16%	-17%
29.	+16	-10	United States	Chicago	22,378	26,353	22,490	96%	-15%	-16%	1%	-1%
30.	+17	-8	Brazil	Rio de Janeiro	22,163	25,182	22,277	95%	-12%	-13%	1%	-1%
31.	+11	+16	Russia	Moscow	23,110	18,955	22,270	95%	17%	16%	-4%	-5%
32.	-4	-6	Brazil	Sao Paulo	30,903	24,521	22,195	95%	-9%	-11%	-28%	-29%
33.	-19	-6	Greece	Athens	33,884	24,148	22,153	94%	-8%	-10%	-35%	-36%
34.	-12	-4	Germany	Berlin	32,072	23,827	21,691	92%	-9%	-10%	-32%	-33%
35.	-18	-4	Germany	Frankfurt	33,469	23,481	21,541	92%	-8%	-10%	-36%	-37%
36.	-24	-7	Sweden	Stockholm	34,044	23,829	21,489	92%	-10%	-11%	-37%	-38%
37.	-18	-1	Philippines	Manila	32,988	22,630	21,469	92%	-5%	-7%	-35%	-36%
38.	+2	-	Czech Republic	Prague	23,919	22,400	21,347	91%	-5%	-6%	-11%	-12%
39.	-24	+10	China	Shanghai	33,731	18,300	21,155	90%	16%	14%	-37%	-38%
40.	-20	-8	New Zealand	Auckland	32,934	23,444	21,106	90%	-10%	-11%	-36%	-37%
41.	-6	-4	Poland	Warsaw	27,705	22,430	20,679	88%	-8%	-9%	-25%	-26%
42.	+4	-7	United States	Boston	22,291	22,734	20,308	87%	-11%	-12%	-9%	-10%
43.	-6	-1	South Africa	Cape Town	26,682	21,434	20,263	86%	-5%	-7%	-24%	-25%
44.	-18	-11	New Zealand	Wellington	31,166	23,304	20,151	86%	-14%	-15%	-35%	-36%
45.	-18	-1	Australia	Sydney	31,022	20,185	19,992	85%	-1%	-3%	-36%	-36%
46.	-16	-1	Australia	Melbourne	30,600	20,033	18,841	80%	-6%	-8%	-38%	-39%
47.	-4	+3	Canada	Toronto	22,982	17,265	17,973	77%	4%	2%	-22%	-23%
48.	+2	+3	Mexico	Mexico City	20,129	15,236	17,184	73%	13%	11%	-15%	-16%
49.	-	-1	Canada	Vancouver	20,246	18,550	17,181	73%	-7%	-9%	-15%	-16%
50.	+2	-4	Saudi Arabia	Riyadh	17,180	19,069	16,877	72%	-11%	-13%	-2%	-3%
51.	-3	-8	Argentina	Buenos Aires	21,134	21,394	16,407	70%	-23%	-25%	-22%	-23%
52.	+1	+2	India	New Delhi	13,889	12,066	14,807	63%	23%	21%	7%	5%
53.	+1	-1	India	Bangalore	13,801	13,929	12,880	55%	-8%	-9%	-7%	-8%
54.	+1	-1	India	Mumbai	12,631	12,482	12,147	52%	-3%	-4%	-4%	-5%
55.	-4	-	Nigeria	Lagos	18,714	11,045	10,300	44%	-7%	-8%	-45%	-46%

Source : www.expatisitan.com



Figure 17: 1 Litre (1/4 Gallon) of Gas

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+2	+8	Hong Kong	Hong Kong	2.29	1.91	2.04	255%	7%	7%	-11%	19%
02.	+2	-	Norway	Oslo	2.49	1.88	1.85	231%	-2%	-2%	-26%	-1%
03.	-2	+1	Netherlands	Amsterdam	2.41	1.95	1.78	223%	-9%	-9%	-26%	-1%
03.	+2	-	Italy	Milan	2.42	1.83	1.78	223%	-3%	-3%	-26%	-2%
03.	+2	+7	Finland	Helsinki	2.28	1.83	1.78	223%	-3%	-3%	-22%	4%
03.	+2	+4	Greece	Athens	2.33	1.83	1.78	223%	-3%	-3%	-23%	3%
03.	+2	+14	France	Paris	2.15	1.83	1.78	223%	-3%	-3%	-17%	11%
03.	-2	+2	Italy	Rome	2.35	1.95	1.78	223%	-9%	-9%	-24%	1%
09.	+4	-1	United Kingdom	London	2.29	1.67	1.68	210%	0%	0%	-27%	-2%
09.	+4	-8	United Kingdom	Edinburgh	2.52	1.67	1.68	210%	0%	0%	-33%	-11%
11.	-6	+1	Portugal	Lisbon	2.24	1.83	1.67	209%	-9%	-9%	-25%	0%
11.	+5	+7	Belgium	Brussels	2.11	1.58	1.67	209%	5%	5%	-21%	6%
13.	-3	+1	Denmark	Copenhagen	2.19	1.80	1.64	205%	-9%	-9%	-25%	0%
14.	+4	+13	Singapore	Singapore	1.82	1.58	1.61	202%	2%	2%	-11%	19%
15.	-	-	Sweden	Stockholm	2.19	1.64	1.57	197%	-4%	-4%	-28%	-4%
16.	+3	+3	Switzerland	Zurich	2.08	1.53	1.57	196%	3%	3%	-25%	1%
17.	-6	-6	Germany	Frankfurt	2.26	1.71	1.56	195%	-9%	-9%	-31%	-7%
17.	-6	-4	Ireland	Dublin	2.20	1.71	1.56	195%	-9%	-9%	-29%	-5%
17.	-1	-1	Germany	Berlin	2.17	1.58	1.56	195%	-2%	-2%	-28%	-4%
20.	+4	+4	New Zealand	Auckland	1.88	1.41	1.52	190%	8%	8%	-19%	9%
21.	+3	+2	New Zealand	Wellington	1.89	1.41	1.46	182%	3%	3%	-23%	3%
22.	-1	-2	Spain	Madrid	1.96	1.46	1.45	181%	-1%	-1%	-26%	-1%
23.	-3	+2	Czech Republic	Prague	1.83	1.48	1.43	178%	-4%	-4%	-22%	4%
24.	-3	-3	Austria	Vienna	1.91	1.46	1.34	167%	-9%	-9%	-30%	-6%
25.	+1	+1	Poland	Warsaw	1.83	1.35	1.32	165%	-2%	-2%	-28%	-3%
26.	+3	+2	Japan	Tokyo	1.47	1.21	1.32	165%	9%	9%	-10%	20%
27.	-4	-5	South Korea	Seoul	1.89	1.45	1.26	158%	-13%	-13%	-33%	-10%
28.	-	+4	Brazil	Rio de Janeiro	1.35	1.26	1.24	155%	-2%	-2%	-8%	23%
29.	+1	+5	India	Mumbai	1.29	1.15	1.17	146%	1%	1%	-10%	21%
30.	+7	+6	Canada	Vancouver	1.27	1.09	1.11	139%	2%	2%	-12%	17%
31.	+5	+2	India	Bangalore	1.30	1.11	1.11	139%	0%	0%	-14%	15%
32.	+1	+7	South Africa	Johannesburg	1.23	1.12	1.11	138%	-1%	-1%	-10%	20%
33.	+2	-4	China	Shanghai	1.45	1.11	1.08	135%	-2%	-2%	-25%	0%
34.	-7	-28	Turkey	Istanbul	2.33	1.27	1.07	134%	-15%	-15%	-54%	-38%
35.	-3	+2	Bangladesh	Dhaka	1.25	1.12	1.07	134%	-5%	-5%	-14%	15%
36.	+3	+4	India	New Delhi	1.20	1.06	1.07	133%	1%	1%	-11%	19%
37.	+1	-2	Brazil	Sao Paulo	1.27	1.06	1.06	133%	0%	0%	-17%	12%
38.	+2	-8	Australia	Sydney	1.41	1.06	1.05	131%	-1%	-1%	-25%	0%
39.	+3	+6	Mexico	Mexico City	1.06	0.95	1.05	131%	11%	11%	-2%	32%
40.	-7	-2	South Africa	Cape Town	1.24	1.12	1.04	130%	-7%	-7%	-16%	12%
41.	+4	+1	Philippines	Manila	1.18	0.90	1.03	129%	15%	15%	-13%	17%
42.	+2	+4	United States	San Francisco	1.04	0.90	1.00	125%	11%	11%	-4%	29%
43.	-3	-12	Australia	Melbourne	1.40	1.06	0.98	123%	-7%	-7%	-30%	-6%
44.	-1	-3	Canada	Toronto	1.19	0.93	0.96	120%	3%	3%	-19%	8%
45.	+1	+2	United States	Chicago	1.01	0.80	0.80	100%	0%	0%	-21%	6%
45.	+1	-1	United States	New York City	1.07	0.80	0.80	100%	0%	0%	-25%	0%
45.	+3	+3	United States	Boston	0.96	0.70	0.80	100%	14%	14%	-16%	12%
48.	-17	-5	Argentina	Buenos Aires	1.12	1.14	0.78	97%	-32%	-32%	-31%	-8%
49.	-	+1	Indonesia	Jakarta	0.79	0.67	0.71	88%	5%	5%	-11%	19%
50.	-	-1	Russia	Moscow	0.91	0.66	0.68	85%	3%	3%	-26%	-1%
51.	-	+2	United Arab Emirates	Dubai	0.49	0.54	0.63	78%	15%	15%	28%	71%
52.	-	-1	Malaysia	Kuala Lumpur	0.64	0.54	0.53	66%	-1%	-1%	-17%	11%
53.	-	-1	Nigeria	Lagos	0.60	0.41	0.40	50%	-1%	-1%	-33%	-11%
54.	-	+1	Saudi Arabia	Riyadh	0.13	0.35	0.40	50%	15%	15%	200%	302%
55.	-	-1	Egypt	Cairo	0.27	0.28	0.39	49%	38%	38%	44%	92%

Source : www.expstatian.com



Figure 18: Taxi Trip on a Business Day, Basic Tariff, 8km (5 miles)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	-	Switzerland	Zurich	34.1	37.7	38.2	201%	1%	-4%	12%	20%
02.	+5	+2	Netherlands	Amsterdam	29.5	28.0	27.8	147%	-1%	-6%	-6%	1%
03.	+13	-1	Japan	Tokyo	23.4	32.9	27.7	146%	-16%	-20%	19%	26%
04.	+6	+3	Finland	Helsinki	28.9	26.8	26.7	141%	0%	-6%	-7%	-1%
05.	-2	+1	Denmark	Copenhagen	31.9	27.3	26.0	137%	-5%	-10%	-19%	-13%
06.	+8	+3	Belgium	Brussels	24.9	24.4	23.4	123%	-4%	-9%	-6%	0%
07.	+4	+3	United Kingdom	Edinburgh	28.3	23.7	23.2	122%	-2%	-7%	-18%	-13%
08.	-7	-	Norway	Oslo	34.9	24.7	22.5	118%	-9%	-14%	-35%	-31%
09.	+10	+2	Italy	Milan	22.0	23.2	22.3	117%	-4%	-9%	1%	8%
10.	-6	-5	United Kingdom	London	31.6	27.9	21.9	115%	-21%	-25%	-31%	-26%
11.	-5	-8	Sweden	Stockholm	30.8	29.0	21.7	114%	-25%	-29%	-29%	-25%
12.	+3	-1	Germany	Frankfurt	24.7	23.2	21.2	111%	-9%	-13%	-14%	-9%
13.	+5	+10	Australia	Sydney	23.2	17.4	21.0	111%	21%	15%	-10%	-4%
14.	-9	-3	Germany	Berlin	31.0	23.2	20.0	106%	-13%	-18%	-35%	-31%
15.	-7	+4	New Zealand	Wellington	29.2	20.5	19.2	101%	-6%	-11%	-34%	-30%
16.	+6	-1	United States	San Francisco	21.2	21.0	19.0	100%	-10%	-14%	-10%	-5%
16.	+8	+6	United States	New York City	20.3	18.0	19.0	100%	6%	0%	-6%	0%
18.	-5	+14	Canada	Vancouver	25.4	14.0	18.5	98%	32%	25%	-27%	-22%
19.	+1	-5	New Zealand	Auckland	21.8	21.2	18.5	98%	-13%	-17%	-15%	-9%
20.	+9	-	United States	Chicago	17.8	20.0	18.0	95%	-10%	-15%	1%	8%
21.	+2	-5	Ireland	Dublin	20.9	20.7	17.8	94%	-14%	-19%	-15%	-9%
21.	-9	-5	Austria	Vienna	25.8	20.7	17.8	94%	-14%	-19%	-31%	-26%
21.	-12	-	Italy	Rome	29.1	19.5	17.8	94%	-9%	-13%	-39%	-35%
24.	-7	-8	France	Paris	23.3	20.7	16.7	88%	-19%	-24%	-28%	-23%
24.	+7	+6	Greece	Athens	15.2	14.6	16.7	88%	14%	8%	10%	17%
26.	-1	-	United States	Boston	19.8	16.0	16.0	84%	0%	-5%	-19%	-14%
27.	-1	-	Spain	Madrid	19.6	15.8	15.6	82%	-2%	-7%	-21%	-15%
28.	+9	+1	South Africa	Johannesburg	10.3	14.7	14.2	75%	-3%	-8%	38%	47%
29.	-1	-4	Australia	Melbourne	17.9	16.6	14.0	74%	-16%	-20%	-22%	-17%
30.	+5	+13	Brazil	Rio de Janeiro	10.9	7.7	13.4	71%	73%	64%	23%	31%
31.	-10	-7	Canada	Toronto	21.2	17.1	12.6	66%	-26%	-30%	-41%	-37%
32.	-5	+3	Nigeria	Lagos	19.2	10.9	12.2	64%	12%	6%	-36%	-32%
33.	-1	+1	Czech Republic	Prague	12.3	11.6	11.2	59%	-4%	-9%	-9%	-3%
34.	-1	-4	Portugal	Lisbon	11.3	14.6	11.1	59%	-24%	-28%	-2%	5%
35.	+5	-7	Hong Kong	Hong Kong	9.4	15.7	9.4	50%	-40%	-43%	1%	7%
36.	-2	-3	Brazil	Sao Paulo	11.3	12.3	9.1	48%	-26%	-30%	-19%	-14%
37.	+1	-1	Singapore	Singapore	9.7	10.5	8.8	46%	-16%	-21%	-9%	-4%
38.	+6	+3	United Arab Emirates	Dubai	7.1	7.9	8.7	46%	10%	5%	23%	31%
39.	+2	-2	South Korea	Seoul	8.8	9.9	8.5	45%	-14%	-19%	-4%	2%
40.	-1	-	Poland	Warsaw	9.4	8.4	8.0	42%	-4%	-9%	-14%	-9%
41.	+5	-2	China	Shanghai	6.1	8.4	7.6	40%	-10%	-14%	24%	32%
42.	-	+3	South Africa	Cape Town	8.4	7.4	7.1	37%	-4%	-9%	-16%	-10%
43.	+2	-5	Argentina	Buenos Aires	6.1	9.8	6.9	36%	-29%	-33%	13%	21%
44.	-8	-	Saudi Arabia	Riyadh	10.7	7.7	6.7	35%	-14%	-18%	-37%	-33%
45.	+7	-3	Philippines	Manila	3.5	7.9	6.2	33%	-21%	-25%	77%	88%
46.	-16	-	Russia	Moscow	15.2	6.7	6.2	32%	-8%	-13%	-60%	-57%
47.	-	+1	Bangladesh	Dhaka	5.6	6.3	6.0	31%	-5%	-10%	7%	14%
48.	-5	-1	Turkey	Istanbul	8.3	6.3	5.5	29%	-13%	-17%	-34%	-29%
49.	-	+1	Mexico	Mexico City	4.5	4.7	4.9	26%	3%	-2%	7%	14%
50.	-2	-1	Malaysia	Kuala Lumpur	4.6	5.4	4.8	25%	-10%	-15%	6%	13%
51.	-1	-	Indonesia	Jakarta	3.9	4.5	4.3	23%	-4%	-9%	11%	19%
52.	+2	+1	Egypt	Cairo	2.9	3.3	3.6	19%	8%	3%	26%	35%
53.	-	-1	India	New Delhi	3.1	3.4	3.2	17%	-6%	-11%	2%	9%
53.	+2	+1	India	Mumbai	2.7	3.1	3.2	17%	3%	-2%	18%	26%
55.	-4	-	India	Bangalore	3.8	2.9	3.0	16%	2%	-3%	-21%	-16%

Source : www.expstatian.com



Figure 19: 1 Ticket to the Cinema

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	-	-	Switzerland	Zurich	20.7	18.8	19.1	116%	1%	-5%	-8%	-26%
02.	-	-	United Kingdom	London	18.6	16.7	16.8	102%	0%	-6%	-10%	-28%
03.	+15	+4	United States	New York City	13.2	15.5	16.5	100%	6%	0%	25%	0%
04.	-1	-	Denmark	Copenhagen	18.4	15.9	16.0	97%	1%	-6%	-13%	-30%
05.	-	+1	Japan	Tokyo	17.5	15.6	15.3	93%	-2%	-8%	-12%	-30%
06.	+1	-1	Finland	Helsinki	17.0	15.8	15.0	91%	-5%	-11%	-11%	-29%
07.	+15	+7	United States	San Francisco	12.3	13.5	15.0	91%	11%	4%	22%	-2%
08.	-4	-5	Norway	Oslo	18.4	16.5	14.8	90%	-10%	-15%	-19%	-35%
09.	+12	+8	Saudi Arabia	Riyadh	12.5	13.1	14.8	90%	13%	6%	18%	-5%
10.	-4	-2	Australia	Sydney	17.3	15.1	13.7	83%	-10%	-15%	-21%	-37%
10.	-2	-	Australia	Melbourne	16.8	14.4	13.7	83%	-5%	-11%	-18%	-35%
12.	-3	-3	Sweden	Stockholm	16.5	15.1	13.6	82%	-10%	-15%	-18%	-34%
13.	+11	+5	United States	Boston	12.1	13.0	13.5	82%	4%	-2%	12%	-11%
14.	-1	+8	Germany	Frankfurt	14.1	12.2	13.4	81%	10%	3%	-5%	-24%
15.	+13	+5	United States	Chicago	11.5	12.5	13.0	79%	4%	-2%	14%	-9%
16.	-6	-3	United Kingdom	Edinburgh	15.4	13.9	12.9	78%	-7%	-13%	-16%	-33%
17.	+14	+4	Hong Kong	Hong Kong	10.5	12.4	12.8	78%	3%	-3%	22%	-2%
18.	-6	-7	Netherlands	Amsterdam	14.2	14.0	12.8	78%	-9%	-14%	-10%	-28%
19.	-2	-4	Ireland	Dublin	13.7	13.4	12.3	74%	-9%	-14%	-11%	-28%
19.	-3	-	France	Paris	13.9	12.8	12.3	74%	-4%	-10%	-12%	-29%
21.	-10	+2	New Zealand	Auckland	14.3	12.0	12.2	74%	2%	-4%	-15%	-32%
22.	-3	-11	Belgium	Brussels	13.2	14.0	11.7	71%	-17%	-22%	-11%	-29%
23.	+4	-8	Austria	Vienna	11.7	13.4	11.1	67%	-17%	-22%	-5%	-24%
23.	-3	+1	Germany	Berlin	12.6	11.6	11.1	67%	-4%	-10%	-11%	-29%
25.	+9	+4	United Arab Emirates	Dubai	10.1	10.5	11.0	67%	5%	-1%	9%	-12%
26.	-3	-	Canada	Toronto	12.1	11.3	10.7	65%	-5%	-10%	-12%	-29%
27.	+2	-3	Italy	Milan	11.3	11.6	10.6	64%	-9%	-14%	-6%	-25%
28.	-3	-	Spain	Madrid	11.8	11.0	10.0	61%	-9%	-14%	-15%	-32%
29.	-3	-3	Canada	Vancouver	11.8	11.3	9.6	58%	-14%	-20%	-18%	-35%
30.	+8	+4	South Korea	Seoul	8.8	9.3	8.9	54%	-4%	-9%	2%	-18%
31.	+11	+4	Czech Republic	Prague	7.7	9.2	8.9	54%	-3%	-9%	16%	-7%
32.	-2	-2	Italy	Rome	11.1	9.7	8.9	54%	-9%	-14%	-20%	-36%
33.	+6	-	Singapore	Singapore	8.7	9.4	8.8	53%	-6%	-12%	2%	-19%
34.	-2	+2	Greece	Athens	10.2	9.1	8.4	51%	-9%	-14%	-18%	-34%
35.	-21	-3	New Zealand	Wellington	14.1	9.5	8.3	50%	-13%	-19%	-41%	-53%
36.	+5	+5	Poland	Warsaw	8.0	7.6	7.9	48%	4%	-3%	-1%	-21%
37.	-22	-6	China	Shanghai	13.9	9.7	7.8	47%	-20%	-25%	-44%	-55%
38.	-5	-1	Brazil	Sao Paulo	10.1	8.5	7.6	46%	-10%	-16%	-25%	-40%
39.	+1	-	Portugal	Lisbon	8.3	7.9	7.2	44%	-9%	-14%	-12%	-30%
40.	-3	-	Brazil	Rio de Janeiro	9.4	7.7	6.8	41%	-12%	-17%	-27%	-42%
41.	-5	+1	Russia	Moscow	9.5	6.5	6.2	38%	-4%	-10%	-34%	-47%
42.	+7	+1	South Africa	Cape Town	4.5	6.4	6.1	37%	-4%	-10%	36%	9%
43.	+2	+1	South Africa	Johannesburg	5.0	6.2	6.0	36%	-3%	-9%	18%	-5%
44.	+3	+2	Philippines	Manila	4.7	5.1	5.0	30%	-1%	-7%	8%	-14%
45.	+8	+7	India	Mumbai	3.8	4.0	5.0	30%	26%	18%	32%	6%
46.	+5	+3	India	New Delhi	4.1	4.6	4.9	29%	5%	-1%	20%	-4%
47.	+8	-	Bangladesh	Dhaka	3.1	4.9	4.6	28%	-7%	-13%	48%	19%
48.	+4	+5	Malaysia	Kuala Lumpur	3.8	3.8	4.5	27%	17%	10%	17%	-6%
49.	-14	-4	Nigeria	Lagos	9.5	5.3	4.4	27%	-17%	-22%	-54%	-63%
50.	-6	-12	Argentina	Buenos Aires	6.2	7.9	4.2	26%	-47%	-50%	-32%	-45%
51.	-5	-	Mexico	Mexico City	5.0	4.0	4.1	25%	2%	-4%	-17%	-33%
52.	-4	+2	Egypt	Cairo	4.6	3.7	4.0	24%	9%	3%	-14%	-31%
53.	-3	-3	India	Bangalore	4.1	4.1	3.9	24%	-4%	-9%	-3%	-22%
54.	-	+1	Indonesia	Jakarta	3.6	3.6	3.7	22%	2%	-4%	2%	-19%
55.	-12	-7	Turkey	Istanbul	7.2	4.6	3.6	22%	-22%	-27%	-50%	-60%

Source : www.expstatian.com



Figure 20: 1 Month of Gym Membership in the Business District

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+10	+2	Hong Kong	Hong Kong	103.3	105.6	125.4	131%	19%	24%	21%	38%
02.	-	+2	Singapore	Singapore	132.5	103.9	121.0	126%	17%	21%	-9%	4%
03.	+10	-1	United Arab Emirates	Dubai	102.4	119.2	110.0	115%	-8%	-4%	7%	22%
04.	+19	+4	United States	San Francisco	81.6	99.0	109.0	114%	10%	15%	34%	52%
05.	+5	+2	Saudi Arabia	Riyadh	104.8	99.2	105.3	110%	6%	11%	1%	14%
06.	+15	+14	China	Shanghai	89.8	65.9	102.2	106%	55%	61%	14%	29%
07.	+13	+3	Italy	Milan	95.7	98.7	100.2	104%	2%	6%	5%	19%
08.	+1	-3	Switzerland	Zurich	108.2	100.8	99.0	103%	-2%	2%	-9%	4%
09.	-1	-3	United States	New York City	109.1	100.0	96.0	100%	-4%	0%	-12%	0%
10.	-7	-1	United Kingdom	London	117.8	99.0	87.7	91%	-11%	-8%	-26%	-15%
11.	+8	-10	Japan	Tokyo	96.8	127.2	84.6	88%	-33%	-31%	-13%	-1%
12.	+14	-	United States	Boston	77.7	95.0	82.0	85%	-14%	-10%	6%	20%
13.	+26	+5	United States	Chicago	64.0	72.0	74.0	77%	3%	7%	16%	31%
14.	-2	+1	Italy	Rome	102.4	82.9	73.5	77%	-11%	-8%	-28%	-18%
15.	-9	-2	Austria	Vienna	110.1	86.5	72.4	75%	-16%	-13%	-34%	-25%
16.	-11	+15	Mexico	Mexico City	114.3	55.8	67.2	70%	20%	25%	-41%	-33%
17.	-16	-	Russia	Moscow	137.8	76.4	66.1	69%	-14%	-10%	-52%	-46%
18.	-3	-7	France	Paris	98.8	97.5	59.0	61%	-39%	-37%	-40%	-32%
19.	+11	-5	Australia	Sydney	74.9	84.7	57.5	60%	-32%	-29%	-23%	-13%
20.	+33	+20	India	Mumbai	39.6	46.7	54.7	57%	17%	22%	38%	57%
21.	+13	-	Germany	Frankfurt	68.6	65.8	54.6	57%	-17%	-14%	-20%	-10%
22.	+13	+7	Australia	Melbourne	68.6	56.0	51.9	54%	-7%	-3%	-24%	-14%
23.	+5	+15	United Kingdom	Edinburgh	75.6	50.2	51.6	54%	3%	7%	-32%	-22%
24.	-	-5	Norway	Oslo	81.0	67.8	51.3	53%	-24%	-21%	-37%	-28%
25.	+11	+7	Ireland	Dublin	68.4	53.6	47.9	50%	-11%	-7%	-30%	-20%
25.	-	+11	Spain	Madrid	78.5	51.2	47.9	50%	-6%	-3%	-39%	-31%
27.	-9	+8	Nigeria	Lagos	97.8	51.7	47.8	50%	-8%	-4%	-51%	-44%
28.	+20	+17	Indonesia	Jakarta	45.2	44.1	47.6	50%	8%	13%	5%	20%
29.	+2	-6	New Zealand	Auckland	72.4	61.5	47.6	50%	-23%	-19%	-34%	-25%
30.	+15	+17	Egypt	Cairo	52.8	42.8	47.2	49%	10%	15%	-11%	2%
31.	-15	-15	Finland	Helsinki	98.2	80.4	46.8	49%	-42%	-39%	-52%	-46%
32.	-25	-10	South Korea	Seoul	109.5	62.0	46.5	48%	-25%	-22%	-58%	-52%
33.	+9	+18	Philippines	Manila	59.1	38.9	46.3	48%	19%	24%	-22%	-11%
34.	+9	+7	Netherlands	Amsterdam	58.1	46.3	45.7	48%	-1%	3%	-21%	-11%
35.	+3	-5	Canada	Toronto	64.3	55.9	45.2	47%	-19%	-16%	-30%	-20%
36.	-7	-10	Sweden	Stockholm	75.4	57.0	44.1	46%	-23%	-19%	-42%	-34%
37.	+10	-10	Canada	Vancouver	48.9	56.7	42.2	44%	-26%	-22%	-14%	-2%
38.	+8	+12	Czech Republic	Prague	52.1	39.8	41.3	43%	4%	8%	-21%	-10%
39.	-12	-14	Portugal	Lisbon	76.5	57.3	40.1	42%	-30%	-27%	-48%	-40%
40.	+14	+13	India	New Delhi	34.5	37.6	39.2	41%	4%	8%	13%	29%
41.	+3	-2	Malaysia	Kuala Lumpur	55.7	49.3	38.7	40%	-22%	-18%	-31%	-21%
42.	-25	-18	Belgium	Brussels	98.0	59.7	37.9	39%	-37%	-34%	-61%	-56%
42.	-1	-1	Greece	Athens	62.8	46.3	37.9	39%	-18%	-15%	-40%	-31%
44.	+6	-	South Africa	Johannesburg	42.4	44.9	37.8	39%	-16%	-12%	-11%	1%
45.	-8	+4	Denmark	Copenhagen	64.5	42.0	36.8	38%	-12%	-9%	-43%	-35%
46.	-42	-12	Brazil	Sao Paulo	114.9	51.9	36.4	38%	-30%	-27%	-68%	-64%
47.	+4	-10	South Africa	Cape Town	40.4	50.7	33.3	35%	-34%	-32%	-18%	-6%
48.	-34	+6	New Zealand	Wellington	101.9	33.2	32.4	34%	-2%	2%	-68%	-64%
49.	-17	+3	Poland	Warsaw	72.0	38.9	31.4	33%	-19%	-16%	-56%	-50%
50.	-1	-17	Argentina	Buenos Aires	44.1	52.4	31.0	32%	-41%	-38%	-30%	-20%
51.	-18	-5	Brazil	Rio de Janeiro	71.6	43.3	30.1	31%	-31%	-28%	-58%	-52%
52.	-12	-24	Germany	Berlin	62.8	56.0	30.1	31%	-46%	-44%	-52%	-46%
53.	+2	+2	India	Bangalore	33.9	28.5	29.8	31%	5%	9%	-12%	0%
54.	-32	-6	Turkey	Istanbul	83.8	42.2	29.7	31%	-30%	-27%	-65%	-60%
55.	-3	-12	Bangladesh	Dhaka	40.2	45.3	24.6	26%	-46%	-43%	-39%	-30%

Source : www.expstatian.com



Figure 21: Men's Standard Haircut in the Expat Area of the City

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+3	+3	Denmark	Copenhagen	46.9	38.6	47.6	170%	23%	14%	2%	19%
02.	-1	+1	Norway	Oslo	81.8	40.2	44.5	159%	11%	3%	-46%	-36%
03.	-1	-2	Switzerland	Zurich	62.1	45.8	41.2	147%	-10%	-17%	-34%	-22%
04.	+10	-2	United States	San Francisco	28.2	42.0	35.0	125%	-17%	-23%	24%	46%
05.	-2	-	Sweden	Stockholm	47.8	36.3	34.9	125%	-4%	-11%	-27%	-14%
06.	-	+2	Japan	Tokyo	39.5	32.0	33.1	118%	3%	-4%	-16%	-1%
07.	-2	-	Netherlands	Amsterdam	43.7	32.9	32.3	115%	-2%	-9%	-26%	-13%
08.	-	+1	Hong Kong	Hong Kong	35.4	31.0	32.1	115%	4%	-4%	-9%	7%
09.	-2	-3	Finland	Helsinki	38.7	34.1	31.2	111%	-9%	-15%	-19%	-5%
10.	+9	+2	Germany	Frankfurt	24.7	26.8	30.1	107%	12%	4%	22%	43%
11.	-	-1	France	Paris	31.8	30.5	29.0	103%	-5%	-12%	-9%	7%
12.	-2	+2	United States	New York City	33.0	26.0	28.0	100%	8%	0%	-15%	0%
12.	+13	+7	United States	Boston	20.3	24.0	28.0	100%	17%	8%	38%	62%
14.	+13	+3	United States	Chicago	19.6	25.0	26.0	93%	4%	-3%	33%	56%
15.	-3	-3	Belgium	Brussels	30.6	26.8	22.3	80%	-17%	-23%	-27%	-14%
16.	-7	+2	Austria	Vienna	34.8	24.4	21.2	76%	-13%	-19%	-39%	-29%
17.	-	-6	Australia	Sydney	26.4	27.2	21.0	75%	-23%	-28%	-20%	-6%
18.	+2	-3	Italy	Milan	24.5	25.6	20.0	72%	-22%	-27%	-18%	-4%
18.	+8	+4	Germany	Berlin	19.7	20.7	20.0	72%	-3%	-10%	2%	20%
18.	-	+4	Italy	Rome	26.3	20.7	20.0	72%	-3%	-10%	-24%	-10%
21.	+2	+4	Canada	Toronto	20.8	20.2	20.0	71%	-1%	-8%	-4%	13%
22.	-7	+4	New Zealand	Wellington	27.2	19.8	19.8	71%	0%	-7%	-27%	-14%
23.	+1	-2	Singapore	Singapore	20.6	21.8	19.8	71%	-9%	-16%	-4%	13%
24.	-8	-8	United Kingdom	London	26.7	25.1	19.4	69%	-23%	-28%	-27%	-15%
25.	-3	-5	Canada	Vancouver	20.8	23.3	19.3	69%	-17%	-23%	-8%	9%
26.	-13	-2	Australia	Melbourne	28.7	20.4	18.9	68%	-7%	-14%	-34%	-23%
27.	+13	+5	Czech Republic	Prague	14.3	17.0	18.7	67%	10%	2%	31%	54%
28.	+2	-	United Kingdom	Edinburgh	18.9	19.5	18.1	65%	-7%	-14%	-5%	12%
29.	-8	+4	New Zealand	Auckland	21.6	16.3	17.9	64%	10%	2%	-17%	-3%
30.	+2	-1	Ireland	Dublin	17.2	18.3	17.8	64%	-3%	-9%	4%	22%
31.	+8	-	United Arab Emirates	Dubai	14.7	18.2	17.2	61%	-6%	-13%	17%	37%
32.	-4	-5	South Korea	Seoul	19.3	19.7	14.5	52%	-26%	-32%	-25%	-12%
33.	-2	+1	Spain	Madrid	18.4	15.8	14.5	52%	-9%	-15%	-21%	-7%
34.	+2	+5	China	Shanghai	16.0	12.5	14.1	50%	13%	5%	-12%	4%
35.	-	+3	Brazil	Sao Paulo	16.1	12.6	13.7	49%	8%	0%	-15%	0%
36.	-2	-7	Portugal	Lisbon	16.5	18.3	13.4	48%	-27%	-32%	-19%	-5%
36.	-3	-	Greece	Athens	17.1	14.6	13.4	48%	-9%	-15%	-22%	-8%
38.	-9	-3	Russia	Moscow	19.2	15.5	12.5	45%	-19%	-25%	-35%	-23%
39.	-1	+1	Poland	Warsaw	15.0	12.1	12.2	44%	1%	-6%	-19%	-4%
40.	+1	+5	Mexico	Mexico City	12.9	9.0	10.2	36%	13%	5%	-21%	-7%
41.	+3	+1	Brazil	Rio de Janeiro	11.3	11.8	10.1	36%	-14%	-20%	-11%	5%
42.	+3	+2	Malaysia	Kuala Lumpur	10.4	9.5	9.9	35%	5%	-3%	-5%	12%
43.	-6	-2	South Africa	Johannesburg	15.2	12.1	8.9	32%	-26%	-31%	-41%	-31%
44.	+2	-7	South Africa	Cape Town	10.3	13.3	8.5	30%	-36%	-41%	-17%	-3%
45.	+3	+1	Indonesia	Jakarta	7.4	8.6	6.9	25%	-20%	-26%	-7%	9%
46.	-3	+2	Nigeria	Lagos	12.1	6.6	6.9	25%	4%	-3%	-43%	-33%
47.	-	-4	Argentina	Buenos Aires	9.0	10.1	6.6	24%	-35%	-39%	-27%	-14%
48.	-6	-1	Turkey	Istanbul	12.1	7.6	6.4	23%	-16%	-22%	-47%	-38%
49.	+4	+1	India	New Delhi	4.3	5.4	5.7	20%	7%	-1%	33%	56%
50.	+1	-1	Saudi Arabia	Riyadh	6.1	5.9	5.3	19%	-9%	-16%	-13%	2%
51.	+4	-	India	Mumbai	3.7	5.2	5.2	19%	1%	-6%	40%	64%
52.	-3	+3	Egypt	Cairo	7.2	3.4	4.4	16%	28%	19%	-38%	-27%
53.	-3	-1	Philippines	Manila	6.3	4.5	4.1	14%	-10%	-16%	-36%	-24%
54.	-2	-1	India	Bangalore	5.3	4.5	3.9	14%	-13%	-20%	-27%	-14%
55.	-1	-1	Bangladesh	Dhaka	3.9	4.3	3.8	13%	-12%	-19%	-4%	13%

Source: www.expstatian.com



Figure 22: 1 Pack of Marlboro Cigarettes

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	-	Australia	Melbourne	17.4	22.7	23.1	165%	2%	2%	33%	16%
02.	+1	-	Australia	Sydney	17.2	21.9	22.4	160%	2%	2%	31%	13%
03.	+1	-	New Zealand	Auckland	14.8	19.1	18.5	132%	-3%	-3%	25%	8%
04.	+1	-	New Zealand	Wellington	14.7	18.4	17.9	128%	-3%	-3%	22%	6%
05.	+1	+3	United Kingdom	London	13.8	13.9	14.2	101%	2%	2%	3%	-11%
05.	+2	+4	United Kingdom	Edinburgh	13.7	12.5	14.2	101%	13%	13%	4%	-10%
07.	-6	-2	Norway	Oslo	17.5	14.7	14.1	101%	-4%	-4%	-19%	-30%
08.	+1	-1	United States	New York City	12.1	14.0	14.0	100%	0%	0%	15%	0%
09.	-1	-3	Ireland	Dublin	13.2	14.6	13.4	95%	-9%	-9%	1%	-12%
10.	-	-	United States	Chicago	11.1	12.0	12.0	86%	0%	0%	8%	-6%
11.	+3	-	United States	Boston	9.5	11.0	11.0	79%	0%	0%	15%	0%
11.	+17	+3	United States	San Francisco	6.7	10.0	11.0	79%	10%	10%	64%	42%
13.	+2	-	Canada	Toronto	8.9	10.1	10.4	74%	3%	3%	16%	0%
14.	-1	+1	Singapore	Singapore	9.6	9.8	10.3	73%	5%	5%	7%	-7%
15.	-4	-3	Canada	Vancouver	10.0	10.9	9.6	69%	-11%	-11%	-3%	-16%
16.	-4	-	France	Paris	9.6	9.1	8.9	64%	-3%	-3%	-8%	-20%
17.	+3	+2	Finland	Helsinki	7.6	7.8	8.4	60%	7%	7%	10%	-5%
18.	-2	-	Switzerland	Zurich	8.7	8.1	7.8	56%	-4%	-4%	-10%	-22%
19.	+5	+4	Hong Kong	Hong Kong	7.0	7.3	7.8	56%	7%	7%	12%	-3%
20.	-2	-3	Netherlands	Amsterdam	8.2	8.2	7.7	55%	-6%	-6%	-6%	-18%
21.	-	+1	Belgium	Brussels	7.3	7.4	7.5	53%	0%	0%	2%	-12%
22.	+25	+5	Saudi Arabia	Riyadh	2.4	6.4	7.2	51%	13%	13%	200%	160%
23.	-	-2	Germany	Berlin	7.0	7.6	7.1	51%	-6%	-6%	1%	-12%
24.	-2	-4	Germany	Frankfurt	7.1	7.7	7.0	50%	-9%	-9%	-1%	-14%
25.	-6	-	Denmark	Copenhagen	8.0	7.0	6.4	46%	-9%	-9%	-20%	-31%
26.	-9	-2	Sweden	Stockholm	8.6	7.1	6.4	46%	-10%	-10%	-25%	-35%
27.	-1	+1	Italy	Milan	6.9	6.3	6.1	44%	-3%	-3%	-11%	-23%
28.	-1	-2	Austria	Vienna	6.8	6.5	6.0	43%	-7%	-7%	-12%	-24%
28.	-3	+1	Italy	Rome	6.9	6.2	6.0	43%	-3%	-3%	-13%	-25%
30.	-1	-1	Spain	Madrid	6.6	6.2	5.8	41%	-7%	-7%	-12%	-23%
31.	+6	+3	United Arab Emirates	Dubai	3.5	4.6	5.7	41%	24%	24%	62%	40%
32.	-2	-1	Portugal	Lisbon	6.1	6.0	5.6	40%	-7%	-7%	-8%	-20%
33.	-2	-1	Greece	Athens	5.4	5.2	4.9	35%	-6%	-6%	-9%	-21%
34.	-	-1	Czech Republic	Prague	4.3	4.7	4.5	32%	-4%	-4%	5%	-9%
35.	-3	+2	Japan	Tokyo	4.4	4.2	4.2	30%	-2%	-2%	-4%	-17%
36.	-3	-1	Poland	Warsaw	4.4	4.6	4.2	30%	-10%	-10%	-5%	-17%
37.	-1	-1	Malaysia	Kuala Lumpur	3.7	4.3	4.1	29%	-5%	-5%	12%	-3%
38.	+3	+3	India	Mumbai	3.0	3.5	4.1	29%	16%	16%	38%	19%
39.	+5	-1	South Korea	Seoul	2.6	4.2	3.9	28%	-6%	-6%	52%	31%
40.	+6	-1	India	New Delhi	2.5	3.8	3.8	27%	0%	0%	54%	34%
40.	+8	-	India	Bangalore	2.4	3.6	3.8	27%	7%	7%	62%	41%
42.	+7	+10	Egypt	Cairo	2.3	1.8	3.3	23%	80%	80%	42%	24%
43.	-	+2	China	Shanghai	2.7	3.2	3.1	22%	-1%	-1%	16%	0%
44.	-6	-2	South Africa	Johannesburg	3.4	3.3	3.0	21%	-9%	-9%	-12%	-24%
45.	-6	+4	Mexico	Mexico City	3.3	2.7	2.8	20%	4%	4%	-16%	-28%
46.	-6	-3	South Africa	Cape Town	3.2	3.2	2.8	20%	-14%	-14%	-13%	-25%
47.	+3	+1	Bangladesh	Dhaka	2.1	2.7	2.7	19%	-1%	-1%	27%	10%
48.	-6	-2	Brazil	Sao Paulo	3.0	3.2	2.5	18%	-20%	-20%	-15%	-26%
49.	-4	+1	Brazil	Rio de Janeiro	2.6	2.3	2.3	16%	-1%	-1%	-12%	-23%
50.	+1	+1	Russia	Moscow	1.8	2.1	2.2	16%	7%	7%	21%	5%
51.	-16	-7	Turkey	Istanbul	4.3	3.2	2.2	16%	-31%	-31%	-50%	-56%
52.	+3	+2	Philippines	Manila	1.4	1.5	1.8	13%	18%	18%	26%	10%
53.	-1	-	Indonesia	Jakarta	1.6	1.7	1.7	12%	-2%	-2%	5%	-9%
54.	-	-7	Argentina	Buenos Aires	1.5	3.0	1.6	11%	-47%	-47%	5%	-9%
55.	-2	-	Nigeria	Lagos	1.5	1.3	1.4	10%	9%	9%	-11%	-23%

Source : www.expatistan.com



Figure 23: Basic Dinner at a Neighbourhood Pub for Two

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	-	Switzerland	Zurich	78.6	72.3	71.5	132%	-1%	4%	-9%	-17%
02.	-1	+6	Norway	Oslo	90.5	52.7	65.0	120%	23%	30%	-28%	-35%
03.	+32	+9	Hong Kong	Hong Kong	37.1	48.3	59.3	110%	23%	30%	60%	46%
04.	+8	+1	United States	New York City	49.2	57.0	54.0	100%	-5%	0%	10%	0%
05.	-2	-3	Denmark	Copenhagen	64.2	60.2	53.8	100%	-11%	-6%	-16%	-24%
06.	+8	-3	United States	San Francisco	47.8	60.0	53.0	98%	-12%	-7%	11%	1%
07.	+13	-	United Arab Emirates	Dubai	43.8	53.9	52.3	97%	-3%	2%	19%	9%
08.	+26	+1	Japan	Tokyo	37.6	51.6	50.2	93%	-3%	3%	34%	22%
09.	+2	+5	Finland	Helsinki	50.3	46.3	50.1	93%	8%	14%	0%	-9%
10.	+6	-	United States	Boston	44.7	49.0	50.0	93%	2%	8%	12%	2%
11.	-5	+3	Belgium	Brussels	53.6	46.3	49.0	91%	6%	12%	-9%	-17%
12.	-7	-8	Netherlands	Amsterdam	55.4	59.7	46.8	87%	-22%	-17%	-16%	-23%
13.	-9	+6	Sweden	Stockholm	59.9	44.7	46.7	86%	4%	10%	-22%	-29%
14.	-7	-8	France	Paris	52.8	56.0	45.7	85%	-19%	-14%	-13%	-21%
14.	-1	+8	Italy	Milan	47.9	43.9	45.7	85%	4%	10%	-5%	-13%
16.	+13	+1	United States	Chicago	40.0	46.0	45.0	83%	-2%	3%	13%	3%
17.	-7	-6	United Kingdom	London	50.5	48.8	43.9	81%	-10%	-5%	-13%	-21%
18.	-	-4	Ireland	Dublin	44.2	46.3	43.4	80%	-6%	-1%	-2%	-10%
19.	+9	+1	United Kingdom	Edinburgh	40.3	44.6	42.6	79%	-5%	1%	6%	-4%
20.	-3	+4	Italy	Rome	44.3	40.2	42.3	78%	5%	11%	-4%	-13%
21.	+2	+8	Spain	Madrid	42.4	39.0	41.2	76%	6%	12%	-3%	-11%
22.	-1	+6	Singapore	Singapore	43.4	39.1	40.3	75%	3%	9%	-7%	-15%
23.	-15	+1	Germany	Frankfurt	52.4	40.2	40.1	74%	0%	5%	-23%	-30%
24.	-9	-11	Canada	Toronto	45.4	46.6	40.0	74%	-14%	-9%	-12%	-20%
25.	-3	+2	Australia	Sydney	42.7	40.1	38.6	71%	-4%	2%	-10%	-18%
26.	+7	-3	Canada	Vancouver	38.0	40.4	38.5	71%	-5%	1%	1%	-8%
27.	-8	-6	Australia	Melbourne	44.2	43.9	37.2	69%	-15%	-11%	-16%	-23%
28.	-4	-10	New Zealand	Auckland	41.7	45.2	35.7	66%	-21%	-17%	-14%	-22%
29.	-20	+8	Russia	Moscow	52.1	30.9	35.0	65%	13%	20%	-33%	-39%
30.	+13	+13	Mexico	Mexico City	25.8	24.5	34.2	63%	40%	47%	32%	21%
31.	-	-7	Austria	Vienna	39.3	40.2	33.4	62%	-17%	-12%	-15%	-23%
31.	+5	+4	Germany	Berlin	36.4	31.7	33.4	62%	5%	11%	-8%	-16%
33.	-7	-2	New Zealand	Wellington	40.5	36.7	33.1	61%	-10%	-5%	-18%	-26%
34.	-2	-4	Greece	Athens	38.8	37.8	32.3	60%	-14%	-10%	-17%	-24%
35.	-10	+1	Brazil	Sao Paulo	40.9	31.6	31.9	59%	1%	7%	-22%	-29%
36.	-6	-4	Portugal	Lisbon	39.5	35.3	30.1	56%	-15%	-10%	-24%	-31%
37.	+1	-4	Brazil	Rio de Janeiro	35.0	34.1	28.3	52%	-17%	-12%	-19%	-26%
38.	+2	-	South Korea	Seoul	28.4	29.0	27.8	51%	-4%	1%	-2%	-11%
39.	-	-	Saudi Arabia	Riyadh	32.8	27.2	26.1	48%	-4%	1%	-20%	-27%
40.	+10	-6	South Africa	Johannesburg	21.9	31.7	24.1	45%	-24%	-20%	10%	0%
41.	-14	-1	China	Shanghai	40.4	26.1	23.4	43%	-10%	-5%	-42%	-47%
42.	+9	+5	India	New Delhi	21.0	21.4	22.6	42%	6%	12%	8%	-2%
43.	+1	+10	Egypt	Cairo	25.0	18.2	21.5	40%	18%	25%	-14%	-22%
44.	+11	-2	South Africa	Cape Town	17.8	25.4	21.3	39%	-16%	-11%	20%	9%
45.	+7	+3	Czech Republic	Prague	20.3	21.3	20.4	38%	-4%	1%	1%	-8%
46.	+3	+4	Poland	Warsaw	22.5	19.9	19.2	36%	-3%	2%	-15%	-22%
47.	+6	+2	India	Mumbai	19.0	20.1	19.1	35%	-5%	1%	1%	-8%
48.	+6	-2	India	Bangalore	18.7	21.6	19.1	35%	-12%	-7%	2%	-7%
49.	-8	+2	Malaysia	Kuala Lumpur	27.2	19.4	18.9	35%	-3%	2%	-31%	-37%
50.	-8	-6	Turkey	Istanbul	26.5	23.2	17.8	33%	-23%	-19%	-33%	-39%
51.	-6	+1	Indonesia	Jakarta	24.6	18.3	17.7	33%	-3%	2%	-28%	-34%
52.	-5	+3	Philippines	Manila	23.2	14.9	17.5	32%	17%	24%	-25%	-31%
53.	-16	-8	Nigeria	Lagos	35.3	22.4	17.3	32%	-23%	-18%	-51%	-55%
54.	-6	-	Bangladesh	Dhaka	22.7	15.7	15.1	28%	-4%	2%	-33%	-39%
55.	-9	-14	Argentina	Buenos Aires	24.0	26.0	14.2	26%	-45%	-42%	-41%	-46%

Source: www.expstatian.com



Figure 24: Full Course Dinner for Two at an Italian Restaurant

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+7	+2	United States	New York City	114.0	120.0	118.0	100%	-2%	0%	4%	0%
02.	-	-	Switzerland	Zurich	151.4	121.1	109.8	93%	-9%	-8%	-27%	-30%
03.	-2	+1	Norway	Oslo	186.4	119.7	109.7	93%	-8%	-7%	-41%	-43%
04.	-	+4	Finland	Helsinki	143.7	106.0	104.7	89%	-1%	0%	-27%	-30%
05.	+2	+8	Singapore	Singapore	132.4	88.1	104.2	88%	18%	20%	-21%	-24%
06.	-3	-1	Hong Kong	Hong Kong	149.6	117.9	103.6	88%	-12%	-11%	-31%	-33%
07.	+32	+3	Japan	Tokyo	67.0	100.9	99.8	85%	-1%	1%	49%	44%
08.	+4	-2	United States	San Francisco	105.2	115.0	99.0	84%	-14%	-12%	-6%	-9%
08.	+13	+1	United States	Boston	92.7	102.0	99.0	84%	-3%	-1%	7%	3%
10.	-1	-3	United Arab Emirates	Dubai	112.7	114.3	91.7	78%	-20%	-18%	-19%	-21%
11.	-5	-10	Denmark	Copenhagen	135.8	125.4	91.4	77%	-27%	-26%	-33%	-35%
12.	+13	+5	United States	Chicago	88.9	84.0	87.0	74%	4%	5%	-2%	-5%
13.	+1	+9	Italy	Milan	104.0	80.4	86.9	74%	8%	10%	-16%	-19%
14.	+4	+14	China	Shanghai	97.5	67.7	85.6	73%	26%	29%	-12%	-15%
15.	-5	-1	United Kingdom	London	106.9	87.8	81.3	69%	-7%	-6%	-24%	-27%
16.	-1	+3	Canada	Toronto	103.6	82.4	79.3	67%	-4%	-2%	-23%	-26%
17.	-12	-1	Sweden	Stockholm	138.2	84.7	79.0	67%	-7%	-5%	-43%	-45%
18.	-7	-	Australia	Sydney	106.4	82.5	78.5	67%	-5%	-3%	-26%	-29%
19.	+5	-8	Netherlands	Amsterdam	89.3	90.2	78.0	66%	-14%	-12%	-13%	-16%
20.	+6	-1	Canada	Vancouver	87.9	82.4	75.6	64%	-8%	-7%	-14%	-17%
21.	-1	-	Ireland	Dublin	94.5	81.6	74.6	63%	-9%	-7%	-21%	-24%
22.	-6	+4	New Zealand	Auckland	101.2	68.5	74.1	63%	8%	10%	-27%	-29%
23.	-	-	Belgium	Brussels	91.6	79.2	70.2	59%	-11%	-10%	-23%	-26%
24.	+30	+9	Saudi Arabia	Riyadh	31.2	61.1	68.8	58%	13%	15%	121%	113%
25.	-8	-	Australia	Melbourne	98.5	69.6	67.3	57%	-3%	-2%	-32%	-34%
26.	+3	-11	Italy	Rome	85.8	86.5	65.7	56%	-24%	-23%	-23%	-26%
27.	-	-15	France	Paris	86.2	88.9	63.5	54%	-29%	-27%	-26%	-29%
28.	+3	+11	Germany	Frankfurt	80.3	54.8	62.4	53%	14%	16%	-22%	-25%
29.	+7	+5	Austria	Vienna	71.5	59.7	61.3	52%	3%	4%	-14%	-17%
30.	-11	-3	United Kingdom	Edinburgh	97.5	68.3	60.6	51%	-11%	-10%	-38%	-40%
31.	-3	+5	New Zealand	Wellington	85.9	58.6	60.2	51%	3%	4%	-30%	-32%
32.	-19	-8	Russia	Moscow	104.3	75.1	59.8	51%	-20%	-19%	-43%	-45%
33.	+8	+8	Germany	Berlin	64.3	50.0	59.0	50%	18%	20%	-8%	-11%
34.	-4	+1	Brazil	Sao Paulo	80.8	59.4	55.9	47%	-6%	-4%	-31%	-33%
35.	-2	-5	Spain	Madrid	75.7	65.8	54.6	46%	-17%	-16%	-28%	-30%
36.	+6	+8	Mexico	Mexico City	62.5	44.5	52.9	45%	19%	21%	-15%	-18%
37.	-15	-	Brazil	Rio de Janeiro	91.9	56.8	52.1	44%	-8%	-7%	-43%	-45%
38.	-3	-7	Greece	Athens	73.6	64.6	51.2	43%	-21%	-19%	-30%	-33%
39.	-2	-7	South Korea	Seoul	68.3	64.0	51.1	43%	-20%	-19%	-25%	-28%
40.	+3	-2	Portugal	Lisbon	59.0	56.0	49.0	42%	-13%	-11%	-17%	-20%
41.	+4	-12	Nigeria	Lagos	53.6	65.8	45.9	39%	-30%	-29%	-14%	-17%
42.	-4	+6	Indonesia	Jakarta	68.2	40.4	39.9	34%	-1%	0%	-41%	-43%
43.	+7	+9	India	Mumbai	41.7	33.5	39.0	33%	16%	18%	-6%	-10%
44.	-10	+2	Malaysia	Kuala Lumpur	74.8	42.2	38.7	33%	-8%	-7%	-48%	-50%
45.	-13	-2	Turkey	Istanbul	79.3	47.3	38.4	33%	-19%	-17%	-52%	-53%
46.	+2	+3	India	New Delhi	46.9	39.2	38.1	32%	-3%	-1%	-19%	-22%
47.	+2	-5	South Africa	Johannesburg	44.4	47.8	35.7	30%	-25%	-24%	-20%	-22%
48.	-4	+2	Poland	Warsaw	54.6	36.9	35.3	30%	-4%	-3%	-35%	-38%
49.	+2	-4	South Africa	Cape Town	39.9	42.3	35.0	30%	-17%	-16%	-12%	-15%
50.	+2	-3	Czech Republic	Prague	39.2	42.1	34.9	30%	-17%	-16%	-11%	-14%
51.	-11	+4	Egypt	Cairo	64.5	28.4	34.1	29%	20%	22%	-47%	-49%
52.	-6	+1	Philippines	Manila	52.6	30.8	31.8	27%	3%	5%	-40%	-42%
53.	+2	-2	Bangladesh	Dhaka	18.6	34.4	31.5	27%	-8%	-7%	69%	63%
54.	-7	-14	Argentina	Buenos Aires	47.9	54.1	25.8	22%	-52%	-52%	-46%	-48%
55.	-2	-1	India	Bangalore	38.1	29.3	25.6	22%	-13%	-11%	-33%	-35%

Source : www.expstatian.com



Figure 25: Hourly Rate for Cleaning

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+4	+3	Sweden	Stockholm	33	31	39	157%	26%	21%	18%	18%
02.	-	-1	Finland	Helsinki	42	37	39	156%	7%	2%	-6%	-6%
03.	+1	-1	Norway	Oslo	34	35	37	147%	5%	1%	8%	8%
04.	-3	+1	United States	Boston	46	28	36	144%	29%	23%	-22%	-22%
05.	+2	+2	United States	San Francisco	28	25	34	136%	36%	31%	21%	21%
06.	-3	-3	Switzerland	Zurich	36	32	28	114%	-10%	-14%	-22%	-22%
07.	+3	+1	Denmark	Copenhagen	27	25	26	104%	6%	1%	-1%	-1%
08.	+4	+2	United States	New York City	25	24	25	100%	4%	0%	0%	0%
09.	-3	-3	Australia	Sydney	29	26	22	90%	-13%	-16%	-22%	-22%
10.	+4	+1	Canada	Vancouver	23	23	22	89%	-5%	-8%	-2%	-2%
11.	-3	+1	United States	Chicago	27	23	22	88%	-4%	-8%	-19%	-19%
12.	-1	+1	Australia	Melbourne	26	22	22	87%	-1%	-5%	-16%	-16%
13.	+2	-4	Japan	Tokyo	20	25	18	74%	-25%	-28%	-9%	-9%
14.	+2	+5	Canada	Toronto	20	16	17	68%	4%	0%	-14%	-14%
15.	+5	+2	Netherlands	Amsterdam	17	17	17	67%	-2%	-6%	1%	1%
15.	+3	+5	France	Paris	18	16	17	67%	5%	1%	-7%	-7%
17.	-	-1	New Zealand	Auckland	18	18	17	66%	-6%	-10%	-8%	-8%
18.	-5	-3	New Zealand	Wellington	25	18	16	64%	-14%	-17%	-36%	-36%
19.	+1	+1	Germany	Frankfurt	17	16	16	62%	-2%	-6%	-6%	-6%
20.	-1	-2	United Kingdom	London	17	17	15	62%	-7%	-11%	-8%	-8%
21.	-1	-1	Ireland	Dublin	17	16	14	58%	-9%	-12%	-13%	-13%
21.	+4	-1	Germany	Berlin	14	16	14	58%	-9%	-12%	5%	5%
23.	+2	-3	Austria	Vienna	14	16	13	53%	-16%	-19%	-3%	-3%
24.	+13	+7	South Korea	Seoul	9	12	13	53%	9%	5%	43%	43%
25.	-16	-	United Kingdom	Edinburgh	27	14	13	52%	-7%	-11%	-52%	-52%
26.	-1	+2	Spain	Madrid	14	12	12	49%	1%	-3%	-11%	-11%
27.	+3	-	Singapore	Singapore	13	13	12	47%	-8%	-12%	-8%	-8%
28.	-3	-2	Italy	Milan	14	13	11	45%	-17%	-20%	-20%	-20%
28.	+3	-	Belgium	Brussels	12	12	11	45%	-9%	-12%	-11%	-11%
28.	+3	+5	Italy	Rome	12	11	11	45%	2%	-3%	-11%	-11%
31.	+2	+7	Saudi Arabia	Riyadh	11	8	11	44%	32%	27%	-5%	-5%
32.	-3	+2	United Arab Emirates	Dubai	13	11	10	39%	-10%	-14%	-25%	-25%
33.	+3	+8	Hong Kong	Hong Kong	9	8	10	39%	21%	16%	4%	4%
34.	-11	-2	Russia	Moscow	16	12	9	37%	-22%	-25%	-42%	-42%
35.	+4	+1	Portugal	Lisbon	9	9	9	36%	4%	0%	-1%	-1%
36.	+19	-6	India	Mumbai	2	12	9	35%	-28%	-30%	445%	445%
37.	+15	-23	Bangladesh	Dhaka	2	20	7	29%	-62%	-64%	249%	249%
38.	+3	+6	Malaysia	Kuala Lumpur	7	6	7	29%	29%	24%	-1%	-1%
39.	+3	+1	Czech Republic	Prague	7	8	7	29%	-11%	-15%	3%	3%
40.	-2	-3	Greece	Athens	9	8	7	28%	-15%	-19%	-24%	-24%
41.	-6	-2	Poland	Warsaw	10	8	7	28%	-13%	-17%	-26%	-26%
42.	+4	+8	China	Shanghai	4	5	6	25%	23%	18%	56%	56%
43.	+6	-	Philippines	Manila	3	6	6	22%	-1%	-5%	88%	88%
44.	-1	+2	Mexico	Mexico City	5	5	5	22%	-1%	-5%	6%	6%
45.	+3	+9	Indonesia	Jakarta	3	4	5	21%	34%	28%	60%	60%
46.	+1	+7	South Africa	Johannesburg	4	4	5	21%	22%	17%	48%	48%
47.	-3	+2	Egypt	Cairo	4	5	5	21%	-2%	-6%	21%	21%
48.	-24	-1	Brazil	Rio de Janeiro	15	5	5	19%	-12%	-15%	-68%	-68%
49.	-9	+2	Brazil	Sao Paulo	8	5	5	18%	-7%	-10%	-46%	-46%
50.	+3	-8	India	Bangalore	2	6	5	18%	-30%	-33%	137%	137%
51.	+3	-16	India	New Delhi	2	10	4	17%	-58%	-60%	155%	155%
52.	-18	-4	Turkey	Istanbul	10	5	4	17%	-19%	-22%	-56%	-56%
53.	-3	+2	Nigeria	Lagos	3	3	4	16%	21%	16%	40%	40%
54.	-9	-9	Argentina	Buenos Aires	4	6	4	14%	-36%	-38%	-14%	-14%
55.	-4	-3	South Africa	Cape Town	2	4	3	14%	-21%	-25%	48%	48%

Source : www.expatisitan.com



Figure 26: 1 Month of Internet (8 Mbps)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	-	United Arab Emirates	Dubai	76	85	82	158%	-4%	-13%	8%	-3%
02.	+14	+4	Ireland	Dublin	47	49	52	101%	7%	-3%	11%	1%
03.	+12	+2	United States	San Francisco	48	50	52	100%	4%	-6%	8%	-2%
03.	+14	+5	United States	New York City	47	47	52	100%	11%	0%	11%	0%
05.	+3	+6	United States	Boston	56	45	50	97%	12%	1%	-10%	-19%
06.	+4	-2	New Zealand	Auckland	53	52	50	95%	-4%	-13%	-7%	-16%
07.	-2	-4	New Zealand	Wellington	59	54	46	89%	-14%	-22%	-22%	-29%
08.	-4	+13	Saudi Arabia	Riyadh	63	37	46	88%	23%	11%	-27%	-34%
09.	+9	-7	South Africa	Johannesburg	46	54	46	88%	-15%	-24%	0%	-10%
10.	-4	-3	South Africa	Cape Town	59	48	43	83%	-10%	-18%	-27%	-34%
11.	+15	+4	Canada	Vancouver	38	41	43	83%	4%	-6%	13%	2%
12.	-3	+1	Australia	Sydney	54	44	43	82%	-3%	-12%	-20%	-28%
13.	-1	-3	Australia	Melbourne	52	47	41	78%	-13%	-22%	-22%	-29%
14.	-7	-	Switzerland	Zurich	58	42	40	77%	-4%	-13%	-31%	-37%
15.	+5	-4	United States	Chicago	45	45	37	71%	-18%	-26%	-18%	-26%
16.	-13	-7	Norway	Oslo	67	47	37	70%	-22%	-30%	-45%	-51%
17.	+7	-	Japan	Tokyo	40	39	36	69%	-9%	-18%	-10%	-18%
18.	+1	+2	Canada	Toronto	45	38	34	66%	-10%	-19%	-25%	-32%
19.	+15	+11	Denmark	Copenhagen	37	30	33	64%	12%	1%	-8%	-17%
20.	+2	-4	Belgium	Brussels	43	40	32	62%	-20%	-27%	-25%	-32%
20.	-6	-2	Spain	Madrid	48	39	32	62%	-17%	-25%	-33%	-40%
22.	-11	-	Philippines	Manila	52	36	32	61%	-13%	-22%	-39%	-45%
23.	+4	-5	Netherlands	Amsterdam	37	39	31	60%	-20%	-28%	-17%	-25%
24.	-23	+7	Nigeria	Lagos	78	30	30	57%	1%	-9%	-62%	-66%
25.	-12	+2	Malaysia	Kuala Lumpur	50	33	29	57%	-11%	-19%	-40%	-46%
26.	+1	-1	Germany	Frankfurt	37	34	29	56%	-15%	-23%	-22%	-30%
26.	+1	+7	Italy	Rome	37	29	29	56%	-1%	-11%	-22%	-30%
28.	+5	-4	United Kingdom	Edinburgh	37	35	28	55%	-19%	-26%	-23%	-31%
28.	+13	+4	United Kingdom	London	30	29	28	55%	-3%	-12%	-6%	-15%
30.	+7	-2	Singapore	Singapore	35	32	28	54%	-14%	-22%	-20%	-28%
31.	+8	-6	Portugal	Lisbon	30	34	27	51%	-22%	-29%	-12%	-21%
31.	+8	-2	Germany	Berlin	30	30	27	51%	-12%	-21%	-12%	-21%
33.	-6	+2	Italy	Milan	37	28	26	49%	-9%	-17%	-31%	-38%
34.	-7	+1	France	Paris	37	28	25	47%	-13%	-21%	-34%	-41%
35.	+12	+6	Hong Kong	Hong Kong	25	24	24	46%	0%	-10%	-4%	-13%
36.	+15	+1	South Korea	Seoul	21	26	24	46%	-7%	-16%	16%	5%
37.	-16	+2	Brazil	Rio de Janeiro	45	24	22	42%	-11%	-19%	-51%	-56%
38.	-2	-	Indonesia	Jakarta	36	25	21	41%	-14%	-22%	-41%	-47%
39.	+7	+1	Greece	Athens	25	24	21	41%	-13%	-22%	-15%	-23%
40.	-2	-6	Sweden	Stockholm	33	29	21	41%	-26%	-33%	-37%	-43%
41.	+1	-18	Argentina	Buenos Aires	28	36	20	39%	-43%	-49%	-27%	-34%
42.	-7	+3	Mexico	Mexico City	36	21	20	38%	-5%	-14%	-45%	-50%
43.	-18	+1	Brazil	Sao Paulo	39	21	20	38%	-7%	-16%	-49%	-54%
44.	-1	-1	Austria	Vienna	28	22	19	36%	-14%	-22%	-32%	-38%
45.	+4	+2	Czech Republic	Prague	23	18	17	32%	-6%	-15%	-26%	-33%
46.	-14	-4	Bangladesh	Dhaka	37	24	16	32%	-31%	-37%	-56%	-60%
47.	-3	-1	Finland	Helsinki	26	19	16	30%	-20%	-28%	-41%	-46%
48.	-	-	China	Shanghai	25	17	15	28%	-15%	-23%	-41%	-46%
49.	+5	+1	India	Mumbai	15	14	13	25%	-6%	-15%	-12%	-21%
50.	+3	+4	Poland	Warsaw	18	9	12	24%	40%	26%	-30%	-37%
51.	-1	-	India	Bangalore	22	14	12	23%	-12%	-20%	-45%	-50%
52.	-29	-3	Egypt	Cairo	43	15	12	23%	-20%	-27%	-72%	-74%
53.	-1	-	India	New Delhi	20	12	11	21%	-9%	-18%	-44%	-49%
54.	-9	-2	Turkey	Istanbul	25	13	9	18%	-27%	-34%	-63%	-66%
55.	-	-	Russia	Moscow	11	7	7	14%	1%	-9%	-35%	-41%

Source : www.expatisan.com



Figure 27: Cappuccino in Expat Area of the City

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+1	-	Denmark	Copenhagen	6.5	6.5	6.3	125%	-4%	-4%	-3%	-15%
02.	+8	+3	United Arab Emirates	Dubai	5.2	5.4	6.0	120%	10%	10%	16%	2%
03.	+10	+1	Hong Kong	Hong Kong	4.9	5.6	5.7	115%	2%	2%	17%	3%
04.	-3	+3	Norway	Oslo	7.3	5.3	5.5	111%	5%	5%	-24%	-33%
05.	-	-3	France	Paris	5.7	5.7	5.5	109%	-5%	-5%	-4%	-15%
06.	+2	+5	Singapore	Singapore	5.6	4.8	5.4	109%	13%	13%	-4%	-15%
07.	+2	-1	China	Shanghai	5.6	5.4	5.3	107%	-1%	-1%	-5%	-16%
08.	+17	+5	United States	Boston	4.0	4.6	5.2	104%	13%	13%	30%	14%
09.	-6	-6	Switzerland	Zurich	6.2	5.7	5.1	102%	-11%	-11%	-18%	-28%
10.	-5	-	Finland	Helsinki	5.7	5.0	5.0	100%	0%	0%	-12%	-22%
11.	+7	-2	United States	New York City	4.4	5.0	5.0	100%	0%	0%	14%	0%
12.	+13	-4	United States	Chicago	4.0	5.2	4.9	98%	-6%	-6%	23%	8%
13.	+6	+2	United States	San Francisco	4.3	4.5	4.8	96%	7%	7%	12%	-2%
14.	+30	+16	Saudi Arabia	Riyadh	3.2	3.7	4.8	96%	29%	29%	50%	32%
15.	-1	+4	South Korea	Seoul	4.9	4.4	4.5	91%	4%	4%	-7%	-18%
16.	+27	+5	Nigeria	Lagos	3.2	4.4	4.5	90%	4%	4%	41%	24%
17.	+34	+17	Bangladesh	Dhaka	2.0	3.5	4.5	90%	27%	27%	125%	98%
18.	+5	-2	Japan	Tokyo	4.1	4.5	4.2	84%	-6%	-6%	4%	-8%
19.	-4	-2	United Kingdom	London	4.7	4.5	4.1	83%	-7%	-7%	-12%	-23%
20.	-8	-2	Austria	Vienna	5.0	4.4	4.1	82%	-6%	-6%	-17%	-27%
21.	+27	+14	India	New Delhi	2.5	3.5	4.1	82%	17%	17%	61%	42%
22.	-11	-8	Greece	Athens	5.1	4.5	4.0	80%	-11%	-11%	-22%	-31%
22.	+5	+1	Netherlands	Amsterdam	3.9	4.0	4.0	80%	0%	0%	3%	-9%
24.	-20	-12	Sweden	Stockholm	5.8	4.8	4.0	80%	-17%	-17%	-31%	-39%
25.	+17	-5	Indonesia	Jakarta	3.3	4.4	4.0	79%	-9%	-9%	21%	7%
26.	-9	+5	Belgium	Brussels	4.4	3.7	3.9	78%	7%	7%	-12%	-23%
27.	+6	-	Malaysia	Kuala Lumpur	3.7	3.8	3.9	77%	1%	1%	5%	-7%
28.	-7	-4	Canada	Toronto	4.2	4.0	3.9	77%	-3%	-3%	-8%	-19%
28.	+1	+5	Canada	Vancouver	3.8	3.7	3.9	77%	6%	6%	1%	-11%
30.	-14	-8	United Kingdom	Edinburgh	4.5	4.0	3.7	75%	-7%	-7%	-18%	-27%
31.	-9	-6	Ireland	Dublin	4.2	3.9	3.7	74%	-6%	-6%	-11%	-22%
32.	+17	+11	India	Mumbai	2.2	3.2	3.6	72%	15%	15%	61%	42%
33.	-26	-7	Russia	Moscow	5.7	3.8	3.6	71%	-8%	-8%	-37%	-45%
34.	-10	-6	Germany	Frankfurt	4.0	3.8	3.5	69%	-9%	-9%	-14%	-24%
35.	-1	+5	Poland	Warsaw	3.6	3.2	3.4	67%	6%	6%	-7%	-18%
36.	-5	-5	Germany	Berlin	3.7	3.7	3.3	67%	-9%	-9%	-11%	-21%
37.	-2	-	Australia	Sydney	3.5	3.3	3.1	62%	-5%	-5%	-12%	-23%
38.	-10	-2	New Zealand	Auckland	3.9	3.5	3.0	61%	-12%	-12%	-21%	-31%
38.	-6	+1	New Zealand	Wellington	3.7	3.2	3.0	61%	-4%	-4%	-17%	-27%
40.	+1	+8	Mexico	Mexico City	3.3	2.7	3.0	61%	13%	13%	-7%	-18%
41.	-4	+4	Philippines	Manila	3.4	2.9	3.0	60%	3%	3%	-11%	-22%
42.	+8	+7	India	Bangalore	2.2	2.5	3.0	60%	21%	21%	35%	19%
43.	-13	-6	Australia	Melbourne	3.8	3.3	3.0	60%	-7%	-7%	-21%	-30%
44.	+3	-	Czech Republic	Prague	2.9	3.0	2.7	54%	-10%	-10%	-7%	-18%
45.	-9	-17	Portugal	Lisbon	3.5	3.8	2.7	53%	-29%	-29%	-23%	-32%
45.	-7	-4	Spain	Madrid	3.3	3.2	2.7	53%	-16%	-16%	-20%	-29%
47.	-7	+4	Egypt	Cairo	3.3	2.3	2.3	47%	3%	3%	-29%	-38%
48.	-9	-2	Brazil	Sao Paulo	3.3	2.9	2.3	46%	-21%	-21%	-31%	-39%
48.	-2	+2	Brazil	Rio de Janeiro	3.1	2.3	2.3	46%	0%	0%	-26%	-35%
50.	-30	-3	Turkey	Istanbul	4.2	2.7	2.2	44%	-19%	-19%	-48%	-54%
51.	+1	+1	South Africa	Johannesburg	2.0	2.2	2.1	43%	-4%	-4%	9%	-4%
52.	+3	+1	South Africa	Cape Town	1.8	2.1	2.1	42%	0%	0%	17%	3%
53.	+1	+1	Italy	Rome	1.8	1.9	2.0	40%	3%	3%	11%	-2%
54.	-9	-12	Argentina	Buenos Aires	3.1	3.2	1.9	38%	-40%	-40%	-39%	-46%
55.	-2	-1	Italy	Milan	1.9	1.9	1.7	33%	-14%	-14%	-14%	-24%

Source : www.expatisan.com



Figure 28: 1 Summer Dress in a High Street Store (Zara, H&M or similar retailers)

Rank	Change vs 2014	Change vs 2018	Country	City	2014	2018	2019	Relative to NY	YoY Change (%)	YoY Change (%) Rel. To NY	5-yr Cum Change (%)	5-yr Cum. Change (%) Rel. To NY
					USD	USD	USD					
01.	+8	+14	Saudi Arabia	Riyadh	70	50	68	165%	35%	42%	-3%	4%
02.	+16	-	United Arab Emirates	Dubai	62	61	67	163%	10%	15%	9%	17%
03.	+7	+6	Switzerland	Zurich	69	55	67	163%	21%	27%	-4%	3%
04.	+3	-	Australia	Sydney	72	60	60	145%	0%	5%	-18%	-12%
05.	+15	+29	Germany	Frankfurt	59	43	58	141%	36%	42%	-3%	4%
06.	-3	+1	Brazil	Rio de Janeiro	77	56	51	125%	-9%	-4%	-33%	-28%
07.	+20	+32	Netherlands	Amsterdam	53	40	51	125%	27%	34%	-3%	5%
08.	-4	+4	Norway	Oslo	76	52	51	124%	-3%	2%	-33%	-28%
09.	+12	+35	Poland	Warsaw	59	39	51	123%	29%	35%	-15%	-9%
10.	+3	-2	Russia	Moscow	67	55	50	122%	-9%	-5%	-25%	-20%
11.	-9	+14	New Zealand	Auckland	78	47	49	119%	5%	10%	-37%	-33%
12.	+21	+14	China	Shanghai	48	46	49	119%	6%	11%	1%	8%
13.	-5	-3	Brazil	Sao Paulo	70	54	49	119%	-10%	-6%	-31%	-26%
14.	-3	+6	Australia	Melbourne	69	50	48	118%	-3%	2%	-30%	-24%
15.	-1	+9	Egypt	Cairo	65	48	48	117%	1%	6%	-27%	-21%
16.	+6	+18	France	Paris	58	43	48	117%	12%	18%	-18%	-12%
17.	+23	+6	South Africa	Cape Town	43	49	47	115%	-3%	2%	8%	16%
18.	+36	+23	United States	Boston	34	40	47	115%	18%	23%	38%	48%
19.	+4	-3	South Korea	Seoul	57	50	47	114%	-6%	-2%	-18%	-12%
20.	-1	+8	United Kingdom	London	60	46	46	113%	1%	6%	-23%	-18%
21.	+23	-15	Canada	Vancouver	41	57	46	112%	-19%	-15%	13%	21%
22.	+12	-3	Italy	Milan	48	50	46	111%	-9%	-4%	-6%	1%
23.	+9	-20	South Africa	Johannesburg	49	61	45	111%	-25%	-21%	-8%	-1%
24.	+23	+25	Hong Kong	Hong Kong	39	36	45	109%	25%	31%	14%	23%
25.	+9	+7	Belgium	Brussels	48	44	45	109%	2%	7%	-8%	-1%
26.	+16	-21	Austria	Vienna	42	57	43	106%	-24%	-20%	5%	12%
27.	+1	+9	India	New Delhi	52	42	43	106%	2%	7%	-17%	-11%
28.	-12	-17	Denmark	Copenhagen	62	54	43	106%	-19%	-15%	-30%	-25%
29.	-5	-	Singapore	Singapore	56	45	43	104%	-6%	-1%	-24%	-18%
30.	+21	+17	India	Bangalore	37	36	42	103%	16%	21%	12%	21%
31.	-5	-14	United States	San Francisco	55	50	42	102%	-16%	-12%	-24%	-18%
32.	-2	+18	Mexico	Mexico City	50	36	41	101%	16%	21%	-18%	-12%
33.	+1	+6	Ireland	Dublin	48	40	41	101%	2%	7%	-15%	-9%
34.	+16	-17	United States	Chicago	38	50	41	100%	-18%	-14%	8%	16%
34.	+5	-1	United States	New York City	44	43	41	100%	-5%	0%	-7%	0%
36.	-11	-35	Argentina	Buenos Aires	55	64	41	99%	-36%	-33%	-26%	-21%
37.	+12	-16	India	Mumbai	38	49	40	97%	-18%	-14%	4%	12%
38.	-33	-24	United Kingdom	Edinburgh	76	50	39	94%	-23%	-19%	-49%	-45%
39.	+9	+4	Canada	Toronto	39	40	39	94%	-3%	2%	-1%	6%
40.	-28	-27	New Zealand	Wellington	69	52	38	94%	-27%	-23%	-44%	-40%
41.	-35	-4	Sweden	Stockholm	73	42	38	93%	-9%	-4%	-47%	-43%
42.	-11	-4	Malaysia	Kuala Lumpur	50	42	37	90%	-12%	-7%	-26%	-20%
43.	+10	-1	Czech Republic	Prague	36	40	36	88%	-10%	-6%	1%	8%
44.	-7	-14	Italy	Rome	44	45	36	87%	-21%	-17%	-20%	-14%
45.	-28	+3	Japan	Tokyo	62	36	35	85%	-4%	1%	-44%	-40%
46.	-31	-24	Finland	Helsinki	64	49	35	84%	-29%	-26%	-46%	-42%
46.	-17	-16	Germany	Berlin	51	45	35	84%	-23%	-20%	-33%	-28%
48.	-11	-3	Spain	Madrid	44	37	32	79%	-12%	-7%	-27%	-22%
49.	-3	+5	Indonesia	Jakarta	39	28	31	76%	10%	15%	-21%	-15%
50.	-9	-5	Portugal	Lisbon	43	37	31	76%	-15%	-11%	-27%	-22%
51.	+1	+1	Philippines	Manila	37	30	31	76%	4%	9%	-15%	-9%
52.	+3	+1	Bangladesh	Dhaka	27	29	31	74%	6%	11%	12%	20%
53.	-8	-2	Turkey	Istanbul	40	32	28	69%	-11%	-7%	-29%	-24%
54.	-12	-27	Greece	Athens	42	46	28	68%	-40%	-37%	-33%	-28%
55.	-54	-	Nigeria	Lagos	86	27	27	66%	-1%	4%	-69%	-66%

Source : www.expatisan.com



Figure 29: Annual Subscription of the Economist

	Country	2019 USD	Relative to US
01. (+3)	Japan	474.1	251%
02. (+4)	New Zealand	422.8	224%
03. (-2)	United Arab Emirates	415.0	220%
03. (New Entry)	Saudi Arabia	415.0	220%
05. (-1)	China	412.0	218%
06. (+15)	Australia	403.1	213%
07. (New Entry)	South Korea	379.1	201%
08. (+1)	Singapore	373.4	198%
09. (-2)	Hong Kong	351.9	186%
10. (+28)	Indonesia	350.0	185%
10. (New Entry)	Bangladesh	350.0	185%
12. (-1)	Switzerland	342.0	181%
13. (+20)	South Africa	335.0	177%
13. (New Entry)	Nigeria	335.0	177%
13. (New Entry)	Egypt	335.0	177%
16. (-9)	Brazil	325.0	172%
16. (+24)	Mexico	325.0	172%
16. (New Entry)	Argentina	325.0	172%
19. (+9)	Philippines	310.2	164%
20. (-5)	France	306.3	162%
20. (-5)	Italy	306.3	162%
20. (-5)	Spain	306.3	162%
20. (-5)	Netherlands	306.3	162%
20. (-5)	Belgium	306.3	162%
20. (-5)	Austria	306.3	162%
20. (-5)	Greece	306.3	162%
20. (-5)	Germany	306.3	162%
20. (-5)	Portugal	306.3	162%
20. (-5)	Finland	306.3	162%
20. (-5)	Ireland	306.3	162%
20. (+17)	Poland	306.3	162%
20. (+19)	Russia	306.3	162%
20. (+20)	Czech Republic	306.3	162%
20. (+18)	Turkey	306.3	162%
35. (-8)	Denmark	303.5	161%
36. (-3)	Sweden	259.0	137%
37. (-7)	Norway	249.8	132%
38. (-9)	United Kingdom	231.0	122%
39. (-5)	Malaysia	227.2	120%
40. (-9)	United States	189.0	100%
41. (-6)	India	175.0	93%
42. (-10)	Canada	147.5	78%

Source : Official Website of the Economist



Appendix

Figure 30: Foreign Exchange Rates

	Country	2014	2018	2019	YoY Change (%)	5-yr Cum Change (%)
		USD	USD	USD		
01.	Egypt	0.1430	0.0565	0.0582	3%	-59%
02.	Philippines	0.0224	0.0191	0.0191	0%	-15%
03.	Hong Kong	0.1290	0.1274	0.1275	0%	-1%
04.	United States	1.0000	1.0000	1.0000	0%	0%
04.	Saudi Arabia	0.2666	0.2667	0.2667	0%	0%
06.	United Arab Emirates	0.2723	0.2723	0.2722	0%	0%
07.	Nigeria	0.0062	0.0028	0.0028	0%	-55%
08.	Mexico	0.0761	0.0526	0.0524	0%	-31%
09.	Bangladesh	0.0129	0.0119	0.0119	0%	-8%
10.	Indonesia	0.0001	0.0001	0.0001	-2%	-18%
11.	Japan	0.0098	0.0092	0.0090	-2%	-8%
12.	Singapore	0.7957	0.7527	0.7335	-3%	-8%
13.	Russia	0.0277	0.0160	0.0154	-4%	-44%
14.	Switzerland	1.1340	1.0179	0.9800	-4%	-14%
15.	Canada	0.9059	0.7771	0.7411	-5%	-18%
16.	India	0.0165	0.0149	0.0142	-5%	-14%
17.	Malaysia	0.3058	0.2557	0.2417	-5%	-21%
18.	China	0.1599	0.1581	0.1483	-6%	-7%
19.	New Zealand	0.8576	0.7066	0.6616	-6%	-23%
20.	South Korea	0.0010	0.0009	0.0009	-7%	-10%
21.	Australia	0.9273	0.7564	0.7010	-7%	-24%
22.	United Kingdom	1.6804	1.3939	1.2903	-7%	-23%
23.	Norway	0.1661	0.1256	0.1154	-8%	-31%
24.	France	1.3835	1.2185	1.1137	-9%	-20%
24.	Italy	1.3835	1.2185	1.1137	-9%	-20%
24.	Spain	1.3835	1.2185	1.1137	-9%	-20%
24.	Netherlands	1.3835	1.2185	1.1137	-9%	-20%
24.	Belgium	1.3835	1.2185	1.1137	-9%	-20%
24.	Austria	1.3835	1.2185	1.1137	-9%	-20%
24.	Greece	1.3835	1.2185	1.1137	-9%	-20%
24.	Germany	1.3835	1.2185	1.1137	-9%	-20%
24.	Portugal	1.3835	1.2185	1.1137	-9%	-20%
24.	Finland	1.3835	1.2185	1.1137	-9%	-20%
24.	Ireland	1.3835	1.2185	1.1137	-9%	-20%
35.	Denmark	0.1853	0.1636	0.1492	-9%	-20%
36.	Czech Republic	0.0504	0.0479	0.0433	-10%	-14%
37.	Poland	0.3285	0.2880	0.2595	-10%	-21%
38.	Sweden	0.1518	0.1169	0.1049	-10%	-31%
39.	Brazil	0.4457	0.2870	0.2531	-12%	-43%
40.	South Africa	0.0937	0.0801	0.0692	-14%	-26%
41.	Turkey	0.4686	0.2438	0.1678	-31%	-64%
42.	Argentina	0.1250	0.0494	0.0222	-55%	-82%

Source : Bloomberg Finance LP
Note: All rates are USD in terms of unit of local currency as on 25 April each year.



Figure 31: Relative Price Levels as Implied by PPP (US = 100)

	Country	2013	2017	2018	YoY Change (%)	5-yr Cum Change (%)
01. (-)	Switzerland	146.8	128.8	127.7	-1%	-13%
02. (-)	Denmark	133.6	110.1	120.3	9%	-10%
03. (+2)	Norway	156.1	101.2	112.2	11%	-28%
04. (+3)	Finland	120.1	100.1	110.8	11%	-8%
05. (-2)	Australia	151.2	108.6	108.8	0%	-28%
06. (-2)	New Zealand	125.6	104.2	104.9	1%	-17%
07. (-1)	Sweden	131.5	101.0	103.4	2%	-21%
08. (+1)	Austria	108.0	91.9	101.9	11%	-6%
09. (-1)	United States	100.0	100.0	100.0	0%	0%
10. (+1)	Belgium	108.5	90.6	99.9	10%	-8%
11. (-1)	Ireland	107.3	91.0	99.7	10%	-7%
12. (+1)	United Kingdom	107.4	89.9	97.2	8%	-10%
13. (+3)	Netherlands	107.2	87.3	97.1	11%	-9%
14. (+1)	France	108.0	87.9	96.6	10%	-11%
15. (+2)	Germany	100.8	85.4	94.7	11%	-6%
16. (-2)	Canada	121.0	89.2	93.8	5%	-22%
17. (-5)	Japan	103.1	90.5	89.8	-1%	-13%
18. (-)	Italy	98.9	81.2	89.2	10%	-10%
19. (+3)	Spain	88.9	71.8	78.8	10%	-11%
20. (-)	Argentina	75.3	75.2	78.6	4%	4%
21. (-2)	South Korea	75.5	75.6	77.2	2%	2%
22. (-1)	Hong Kong	71.5	75.0	75.5	1%	6%
23. (-)	Portugal	80.1	67.6	74.7	11%	-7%
24. (-)	Greece	84.6	65.9	72.3	10%	-15%
25. (+1)	Singapore	69.5	62.2	64.8	4%	-7%
26. (+2)	Czech Republic	67.5	54.7	63.6	16%	-6%
27. (-)	United Arab Emirates	67.7	55.0	58.7	7%	-13%
28. (-3)	Brazil	82.2	64.0	58.2	-9%	-29%
29. (-)	China	57.8	51.1	55.5	9%	-4%
30. (+2)	Poland	56.6	45.6	50.3	10%	-11%
31. (-)	South Africa	56.8	46.3	49.5	7%	-13%
32. (-2)	Mexico	64.5	47.0	48.2	2%	-25%
33. (+2)	Saudi Arabia	48.6	38.7	42.1	9%	-13%
34. (-)	Turkey	60.4	39.6	39.3	-1%	-35%
35. (-2)	Russia	61.7	40.7	38.8	-5%	-37%
36. (-)	Bangladesh	32.8	38.2	37.7	-1%	15%
37. (+1)	Malaysia	46.9	33.2	36.6	10%	-22%
38. (-1)	Philippines	43.4	36.3	35.0	-4%	-20%
39. (-)	Nigeria	52.2	32.4	30.7	-5%	-41%
40. (-)	Indonesia	39.0	31.5	30.5	-3%	-22%
41. (-)	India	30.8	27.7	27.1	-2%	-12%
42. (-)	Egypt	27.7	16.0	19.3	21%	-30%

Source : IMF, WEO, Bloomberg Finance LP, Deutsche Bank calculations

Note: The PPP conversion rates as published by the IMF have been adjusted with actual foreign exchange rates (as on 25 April each year) to derive the implied price levels. Also note that some of the above numbers may not match those published last year exactly due to data revisions.



Figure 32: Changes in Consumer Price Indices (Annual, %)

	Country	2013	2017	2018	5-yr Cum Change (%)
01. (+2)	Argentina		12.89	34.28	
02. (+2)	Turkey	7.49	11.14	16.33	63.32
03. (-2)	Egypt	9.47	29.49	14.40	104.75
04. (-2)	Nigeria	8.48	16.50	12.10	77.95
05. (+1)	Bangladesh	7.52	5.70	5.55	33.71
06. (+7)	Philippines	2.95	2.94	5.25	16.52
07. (-2)	Mexico	3.80	6.04	4.90	22.21
08. (-1)	South Africa	5.77	5.18	4.51	29.95
09. (+3)	India	10.12	3.32	3.93	25.83
10. (+1)	Brazil	6.20	3.44	3.67	35.16
11. (-3)	Indonesia	6.41	3.81	3.20	25.50
12. (+9)	United Arab Emirates	1.10	1.97	3.07	13.73
13. (+12)	Norway	1.98	1.86	3.03	13.37
14. (-4)	Russia	6.76	3.68	2.89	42.22
15. (+27)	Saudi Arabia	3.50	-0.84	2.51	7.33
16. (-2)	United Kingdom	2.56	2.68	2.48	7.52
17. (+1)	United States	1.47	2.14	2.44	7.79
18. (+13)	Hong Kong	4.32	1.49	2.41	14.50
19. (-2)	Belgium	1.25	2.22	2.31	7.63
20. (+8)	Canada	0.92	1.60	2.24	8.60
21. (-5)	Austria	2.12	2.23	2.12	7.82
22. (+12)	France	0.99	1.16	2.10	4.33
23. (+1)	Sweden	0.44	1.87	2.04	6.09
24. (-9)	Czech Republic	1.38	2.43	1.97	5.85
25. (-5)	Australia	2.45	1.97	1.96	9.54
26. (+4)	China	2.57	1.52	1.93	9.51
27. (-1)	Germany	1.60	1.71	1.93	5.57
28. (-9)	Spain	1.54	2.04	1.73	2.62
29. (+4)	Netherlands	2.55	1.30	1.60	3.59
30. (-7)	New Zealand	1.10	1.88	1.57	5.74
31. (-9)	South Korea	1.30	1.94	1.48	6.53
32. (-)	Italy	1.24	1.33	1.24	2.90
33. (-6)	Poland	0.83	1.61	1.19	2.00
34. (-5)	Portugal	0.44	1.56	1.17	3.77
35. (+2)	Finland	2.20	0.83	1.17	3.50
36. (+4)	Japan	0.34	0.47	0.99	4.97
37. (-28)	Malaysia	2.10	3.79	0.98	12.67
38. (+1)	Switzerland	-0.22	0.53	0.93	-0.13
39. (-4)	Greece	-0.85	1.14	0.77	-0.59
40. (+1)	Ireland	0.54	0.25	0.72	1.04
41. (-5)	Denmark	0.53	1.07	0.72	2.40
42. (-4)	Singapore	2.36	0.58	0.45	0.98

Source : Haver, Deutsche Bank calculations
Note: Inflation is year on year change of CPI levels for every calendar year. For Argentina, comparable data only covers 2017 and 2018.



Appendix 1

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*Other information available upon request

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