

# TRINIDAD AND TOBAGO

GII 2019 rank

**91**

Output rank	Input rank	Income	Region	Population (mn)	GDP, PPP\$	GDP per capita, PPP\$	GII 2018 rank
<b>99</b>	<b>88</b>	<b>High</b>	<b>LCN</b>	<b>1.4</b>	<b>44.3</b>	<b>32,253.8</b>	<b>96</b>
Score/Value Rank							
 <b>INSTITUTIONS.....</b>	<b>63.4</b>	<b>63</b>	<b>◊</b>				
1.1 <b>Political environment.....</b>	<b>59.8</b>	<b>52</b>	<b>● ◊</b>				
1.1.1 Political and operational stability*.....	73.7	50	● ◊				
1.1.2 Government effectiveness*.....	52.8	54	● ◊				
1.2 <b>Regulatory environment.....</b>	<b>62.0</b>	<b>75</b>	<b>◊</b>				
1.2.1 Regulatory quality*.....	42.6	68	◊				
1.2.2 Rule of law*.....	43.5	67	◊				
1.2.3 Cost of redundancy dismissal, salary weeks.....	20.5	84					
1.3 <b>Business environment.....</b>	<b>68.5</b>	<b>69</b>					
1.3.1 Ease of starting a business*.....	88.6	61					
1.3.2 Ease of resolving insolvency*.....	48.5	69					
 <b>HUMAN CAPITAL &amp; RESEARCH.....</b>	<b>20.5</b>	<b>[94]</b>					
2.1 <b>Education.....</b>	<b>40.4</b>	<b>[84]</b>					
2.1.1 Expenditure on education, % GDP.....	n/a	n/a					
2.1.2 Government funding/pupil, secondary, % GDP/cap.....	n/a	n/a					
2.1.3 School life expectancy, years.....	n/a	n/a					
2.1.4 PISA scales in reading, maths, & science.....	423.0	50					
2.1.5 Pupil-teacher ratio, secondary.....	n/a	n/a					
2.2 <b>Tertiary education.....</b>	<b>n/a</b>	<b>[n/a]</b>					
2.2.1 Tertiary enrolment, % gross.....	n/a	n/a					
2.2.2 Graduates in science & engineering, %.....	n/a	n/a					
2.2.3 Tertiary inbound mobility, %.....	n/a	n/a					
2.3 <b>Research &amp; development (R&amp;D).....</b>	<b>0.6</b>	<b>114</b>	<b>◊</b>				
2.3.1 Researchers, FTE/mn pop.....	n/a	n/a					
2.3.2 Gross expenditure on R&D, % GDP  .....	0.1	108	O ◊				
2.3.3 Global R&D companies, avg. exp. top 3, mn US\$.....	0.0	43	O ◊				
2.3.4 QS university ranking, average score top 3*.....	0.0	78	O ◊				
 <b>INFRASTRUCTURE.....</b>	<b>37.5</b>	<b>92</b>	<b>◊</b>				
3.1 <b>Information &amp; communication technologies(ICTs).....</b>	<b>62.7</b>	<b>73</b>	<b>◊</b>				
3.1.1 ICT access*.....	74.6	45	●				
3.1.2 ICT use*.....	54.4	65	◊				
3.1.3 Government's online service*.....	63.9	85	◊				
3.1.4 E-participation*.....	57.9	93	◊				
3.2 <b>General infrastructure.....</b>	<b>22.1</b>	<b>112</b>	<b>◊</b>				
3.2.1 Electricity output, kWh/mn pop.....	7,819.0	23	●				
3.2.2 Logistics performance*.....	16.5	111	◊				
3.2.3 Gross capital formation, % GDP.....	n/a	n/a					
3.3 <b>Ecological sustainability.....</b>	<b>27.7</b>	<b>107</b>	<b>◊</b>				
3.3.1 GDP/unit of energy use.....	2.2	121	O ◊				
3.3.2 Environmental performance*.....	67.4	34	●				
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP..	0.5	84	◊				
 <b>MARKET SOPHISTICATION.....</b>	<b>45.6</b>	<b>77</b>	<b>◊</b>				
4.1 <b>Credit.....</b>	<b>27.5</b>	<b>100</b>	<b>◊</b>				
4.1.1 Ease of getting credit*.....	65.0	54					
4.1.2 Domestic credit to private sector, % GDP.....	40.5	81	◊				
4.1.3 Microfinance gross loans, % GDP  .....	0.0	77	O				
4.2 <b>Investment.....</b>	<b>61.7</b>	<b>[20]</b>					
4.2.1 Ease of protecting minority investors*.....	61.7	54	●				
4.2.2 Market capitalization, % GDP.....	n/a	n/a					
4.2.3 Venture capital deals/bn PPP\$ GDP.....	n/a	n/a					
4.3 <b>Trade, competition, &amp; market scale.....</b>	<b>47.5</b>	<b>112</b>	<b>◊</b>				
4.3.1 Applied tariff rate, weighted avg., %  .....	8.6	106	◊				
4.3.2 Intensity of local competition*.....	66.9	74					
4.3.3 Domestic market scale, bn PPP\$.....	44.3	99	◊				
Score/Value Rank							
 <b>BUSINESS SOPHISTICATION.....</b>	<b>26.2</b>	<b>92</b>	<b>◊</b>				
5.1 <b>Knowledge workers.....</b>	<b>34.7</b>	<b>70</b>	<b>◊</b>				
5.1.1 Knowledge-intensive employment, %  .....	29.9	44	●				
5.1.2 Firms offering formal training, % firms  .....	28.0	56					
5.1.3 GERD performed by business, % GDP  .....	0.0	89	O				
5.1.4 GERD financed by business, % .....	n/a	n/a					
5.1.5 Females employed w/advanced degrees, %  .....	12.8	53	●				
5.2 <b>Innovation linkages.....</b>	<b>20.3</b>	<b>85</b>	<b>◊</b>				
5.2.1 University/industry research collaboration <sup>t</sup> .....	29.7	107	◊				
5.2.2 State of cluster development.....	43.3	79	◊				
5.2.3 GERD financed by abroad, % .....	n/a	n/a					
5.2.4 JV-strategic alliance deals/bn PPP\$ GDP.....	0.0	76					
5.2.5 Patent families 2+ offices/bn PPP\$ GDP.....	0.0	93	O				
5.3 <b>Knowledge absorption.....</b>	<b>23.5</b>	<b>110</b>	<b>◊</b>				
5.3.1 Intellectual property payments, % total trade.....	0.6	59					
5.3.2 High-tech imports, % total trade  .....	6.3	89					
5.3.3 ICT services imports, % total trade.....	0.5	108	◊				
5.3.4 FDI net inflows, % GDP.....	-0.4	123	O				
5.3.5 Research talent, % in business enterprise.....	n/a	n/a					
 <b>KNOWLEDGE &amp; TECHNOLOGY OUTPUTS....</b>	<b>14.9</b>	<b>103</b>	<b>◊</b>				
6.1 <b>Knowledge creation.....</b>	<b>2.5</b>	<b>118</b>	<b>◊</b>				
6.1.1 Patents by origin/bn PPP\$ GDP  .....	0.1	118					
6.1.2 PCT patents by origin/bn PPP\$ GDP.....	0.1	62					
6.1.3 Utility models by origin/bn PPP\$ GDP  .....	0.0	63	O				
6.1.4 Scientific & technical articles/bn PPP\$ GDP.....	2.7	106	◊				
6.1.5 Citable documents H-index.....	4.0	102	◊				
6.2 <b>Knowledge impact.....</b>	<b>35.2</b>	<b>[71]</b>					
6.2.1 Growth rate of PPP\$ GDP/worker, % .....	-2.0	109	O				
6.2.2 New businesses/th pop. 15-64.....	n/a	n/a					
6.2.3 Computer software spending, % GDP.....	n/a	n/a					
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP.....	2.5	81	◊				
6.2.5 High- & medium-high-tech manufactures, %.....	n/a	n/a					
6.3 <b>Knowledge diffusion.....</b>	<b>6.9</b>	<b>124</b>	<b>O</b> ◊				
6.3.1 Intellectual property receipts, % total trade.....	0.0	84					
6.3.2 High-tech net exports, % total trade  .....	0.0	119	◊				
6.3.3 ICT services exports, % total trade.....	0.1	121	◊				
6.3.4 FDI net outflows, % GDP.....	0.4	70					
 <b>CREATIVE OUTPUTS.....</b>	<b>20.2</b>	<b>95</b>	<b>◊</b>				
7.1 <b>Intangible assets.....</b>	<b>36.1</b>	<b>91</b>	<b>◊</b>				
7.1.1 Trademarks by origin/bn PPP\$ GDP.....	13.9	97	◊				
7.1.2 Industrial designs by origin/bn PPP\$ GDP.....	6.9	19	●				
7.1.3 ICTs & business model creation <sup>t</sup> .....	52.7	95	◊				
7.1.4 ICTs & organizational model creation <sup>t</sup> .....	49.8	82	◊				
7.2 <b>Creative goods &amp; services.....</b>	<b>4.9</b>	<b>[102]</b>					
7.2.1 Cultural & creative services exports, % total trade.....	0.0	101	◊				
7.2.2 National feature films/mn pop. 15-69.....	n/a	n/a					
7.2.3 Entertainment & Media market/th pop. 15-69.....	n/a	n/a					
7.2.4 Printing & other media, % manufacturing  .....	0.7	83					
7.2.5 Creative goods exports, % total trade  .....	0.1	92					
7.3 <b>Online creativity.....</b>	<b>3.7</b>	<b>72</b>	<b>◊</b>				
7.3.1 Generic top-level domains (TLDs)/th pop. 15-69.....	4.3	58	●				
7.3.2 Country-code TLDs/th pop. 15-69.....	14	71	◊				
7.3.3 Wikipedia edits/mn pop. 15-69  .....	8.0	67	◊				
7.3.4 Mobile app creation/bn PPP\$ GDP.....	n/a	n/a					

NOTES: ● indicates a strength; O a weakness; ♦ an income group strength; ♦ an income group weakness; \* an index; † a survey question.  indicates that the economy's data are older than the base year; see Appendix II for details, including the year of the data, at <http://globalinnovationindex.org>. Square brackets [ ] indicate that the data minimum coverage (DMC) requirements were not met at the sub-pillar or pillar level.