

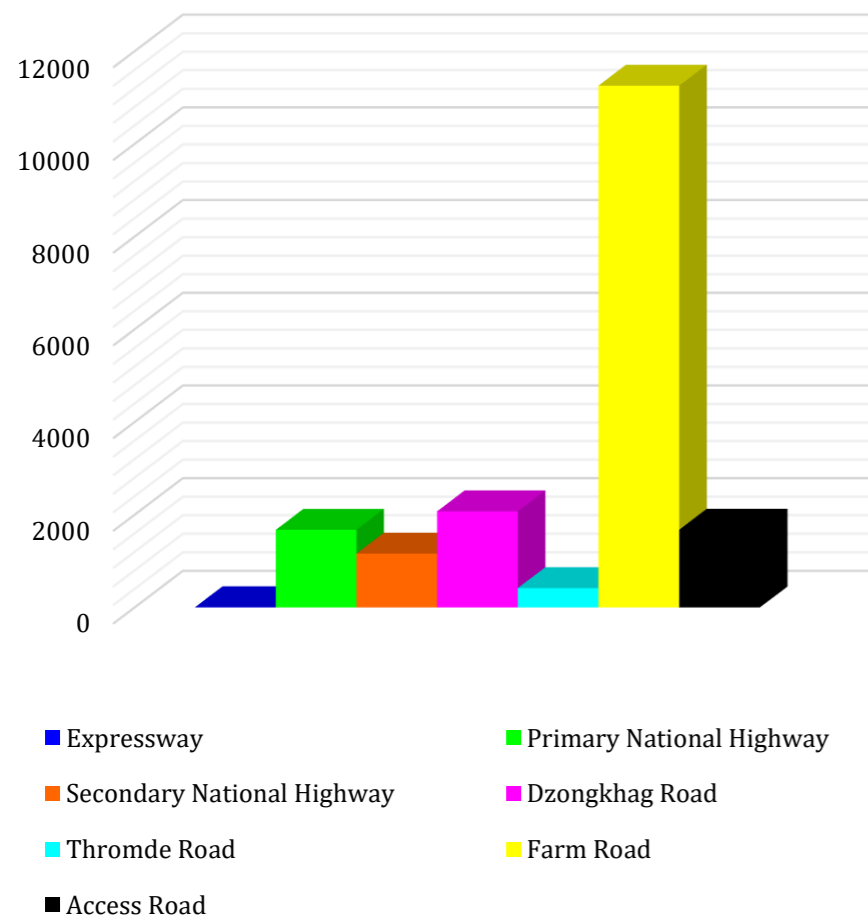
In Bhutan Roads are classified into:

1. National Highway
 - a. Asian Highway (AH)
 - b. Primary National Highway (PNH)
 - c. Secondary National Highway (SNH)
2. Dzongkhag Road
3. Thromde Road (TR)
4. Farm Road (FR)
5. Access Road (AR)

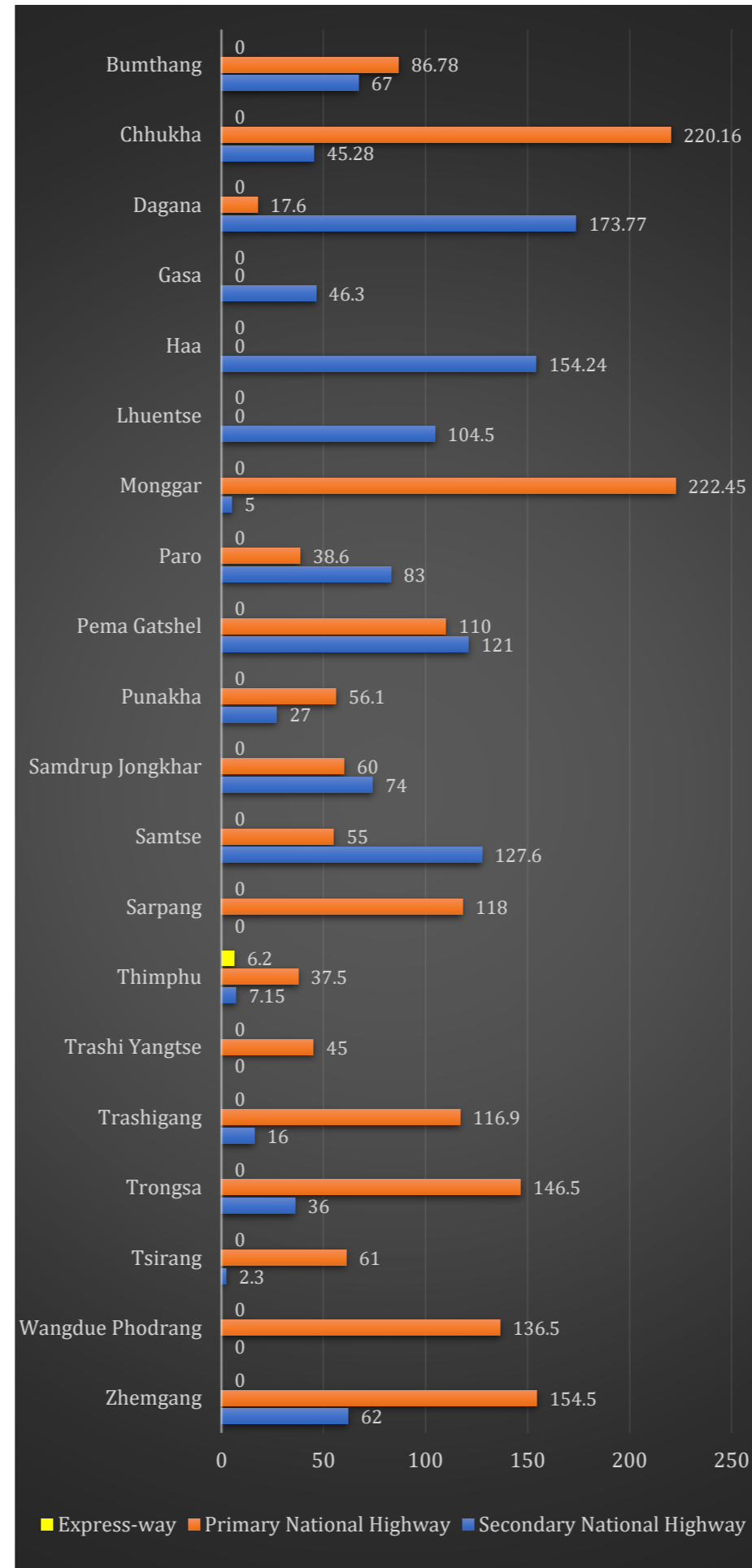
Currently, there are 18,264.60 Kms of roads of various categories in Bhutan. The summary of road length in Bhutan is as:

Sl. No.	Type of Road	Length in Km
1	Expressway	6.20
2	Primary National Highway	1,673.99
3	Secondary National Highway	1,160.74
4	Dzongkhag Road	2,072.86
5	Thromde Road	417.08
6	Farm Road	11,257.16
7	Access Road	1,676.58
	Total	18,264.60

Road Length Summary



1. Distribution of Expressway, Primary National Highway and Secondary National Highway among 20 Dzongkhags in Kms



2. Distribution of Dzongkhag Roads, Thromde Roads, Farm Roads and Access Roads among 20 Dzongkhags in Kms

Dzongkhag	Dzongkhag Road	Thromde Road	Farm Road	Access Road
Bumthang	19.56	1.70	181.44	106.25
Chhukha	188.41	28.58	511.46	197.73
Dagana	124.62	1.50	715.23	49.55
Gasa	26.10	0.00	37.03	2.25
Haa	19.10	7.93	279.33	81.00
Lhuentse	52.62	0.77	580.40	151.13
Monggar	312.69	11.96	1,424.57	65.03
Paro	30.42	5.20	578.96	82.24
Pema Gatshel	150.47	0.00	816.17	42.26
Punakha	39.31	4.41	522.88	107.55
Samdrup Jongkhar	119.34	7.32	394.04	41.66
Samtse	109.89	8.25	940.33	15.50
Sarpang	107.16	15.82	616.95	164.18
Thimphu	40.72	281.80	139.11	252.70
Trashigang	275.88	6.60	841.19	28.49
Trashigang	71.45	8.72	524.90	28.05
Trongsa	39.46	0.62	333.20	9.79
Tsirang	81.51	3.30	646.23	21.31
Wangdue Phodrang	103.41	8.50	759.06	180.83
Zhemgang	159.04	14.10	414.70	50.28
Total	2,072.86	417.08	11,257.16	1,676.58

3. National Highway Summary

3a. Asian Highway

HW No.	Name	Length (Km)
AH 48	Thimphu-Phuentsholing Highway	147.90
AH 48 A	Sorchen Bypass	1.20
	Total	149.10

In the overall summary, 6.2 Km of Thimphu-Phuentsholing Highway is classified under Expressway and rest of the Asian Highway is classified under Primary National Highway

3b. Primary National Highway

HW No.	Name	Length (Km)
PNH 01	Thimphu-Trashigang Highway	489.33
PNH 01A	Mesina-Punakha Highway	12.00
PNH 01B	Chazam-Trashigang Highway	45.00
PNH 02	Samtse- Dewathang Highway*	211.36
PNH 02A	Jumja-Manitar Highway	14.00
PNH 03	Trashigang-Samdrup Jongkhar Highway	174.50
PNH 04	Chuzom-Drugyel Dzong Highway	38.60
PNH 05	Trongsa-Gelephu Highway	188.80
PNH 06	Wangdue-Gelephu Highway	181.00

PNH 07	Tingtibi-Panbang Highway	76.50
PNH 08	Kurizampa-Nganglam Highway	100.00
	Total	1,531.09

* There are few missing link in the PNH 02

3c. Secondary National Highway

HW No.	Name	Length (Km)
SNH 01	Damchu- Tsimasham-Chukha Highway	44.00
SNH 02	Khasadrapchu-Jemina Highway	7.15
SNH 03	Chuzom-Haa Highway	94.42
SNH 04	Nangar-Chamkhar-Ura Highway	67.00
SNH 05	Refee-Langthel-Khosela Highway	36.00
SNH 06	Wangdigang-Zhemgang-Tingtibi Highway	53.00
SNH 07	Tshelingore-Durungri Highway	121.00
SNH 08	Trashigang-Rangjung Highway	16.00
SNH 09	Samtse-Tendu Highway	73.00
SNH 10	Gangola-Lhuntse Highway	65.00
SNH 10A	Lhuntse-Dungkar Highway	44.50
SNH 11	Sunkosh-Dagana Highway	88.30
SNH 12	Dewathang-Jomotsangkha Highway	74.00
SNH 13	Bondey-Haa Highway	62.00
SNH 14	Bajo-Khuru Highway	8.60
SNH 15	Tingtibi-Yebilaptsa-Goling Highway	9.00
SNH 16	Punakha-Gasa Highway	73.30
SNH 17	Jyenkana-Yoezergang Highway	125.30
SNH 18	Dagapela-Lhamoizingkha Highway	87.77
SNH 19	Damchu-Wanakha Highway	11.40
	Total	1,160.74

4. Bridge Information

4.1 Motorable Bridges

SN	Bridge Type	Nos	Span (m)	Remarks
1	RCC T-Beam / T-Girder / Box Girder	74	1,539.20	Permanent
2	RCC Slab	27	474.95	Permanent
3	Pre-stressed Concrete	23	1,375.05	Permanent
4	RCC Arch	4	383.00	Permanent
5	Composite	23	494.00	Permanent
6	Bailey bridges (BB)	85	2,634.72	Semi-Permanent
7	Bailey SN (BSB)	2	231.71	Semi-Permanent
8	Steel Pony Truss	5	265.00	Permanent
9	Steel Arch	11	1,059.25	Permanent
10	Steel Hemilton	7	240.60	Permanent
11	Steel Truss / Girder	22	1,341.40	Permanent
12	Multicell Box Culvert	8	406.00	Permanent
13	RCC bridges on GC Roads	5	57.00	Permanent
	Sub Total	296	10,501.88	

14	BB on Farm Roads in various Dzongkhags	14	451.21	Semi-Permanent
15	BB on GC & Farm Roads in Various Dzongkhags (2011 & 2012)	19	719.51	Semi-Permanent
16	BB on GC & Farm Roads in Various Dzongkhags (2012 & 2013)	14	478.66	Semi-Permanent
17	BB on GC & Farm Roads in Various Dzongkhags (2013)	13	469.51	Semi-Permanent
18	Bailey & Bailey Suspension Bridges on GC roads (2015 - June 2018)	11	564.02	Semi-Permanent
19	Bailey & Bailey Suspension bridges on GCR & SNH (Jun 2018 - Jun 2019)	10	625.00	Semi-Permanent
	Sub Total	81	3,307.91	
	Grand Total	377	13,809.79	

4.1 Non-Motorable Bridges

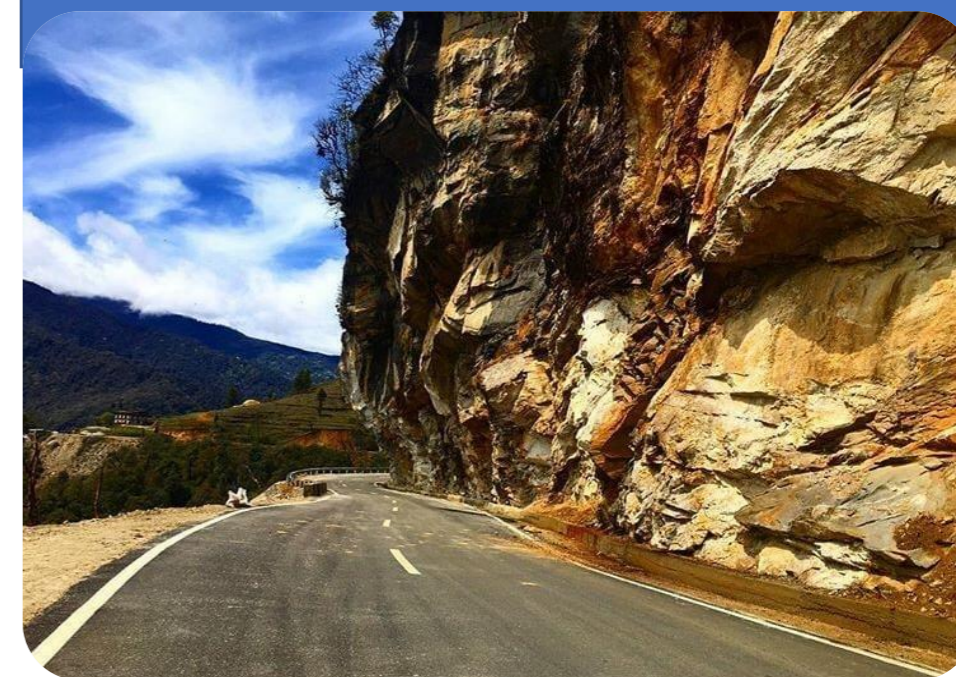
Dzongkhag	Total number of pedestrian bridges constructed between 1 st and 12 th FYP	Existing number of Pedestrian Bridge as of present
Bumthang	20	16
Chhukha	24	17
Dagana	30	25
Gasa	8	4
Haa	18	15
Lhuentse	37	27
Monggar	41	33
Paro	24	21
Pema Gatshel	38	29
Punakha	17	14
Samdrup Jongkhar	43	25
Samtse	42	34
Sarpang	31	21
Thimphu	18	15
Trashigang	41	30
Trashi Yangtse	29	25
Trongsa	24	18
Tsirang	17	14
Wangdue Phodrang	27	25
Zhemgang	32	27
Bhutan	561	435

THE END



Bhutan Road and Bridge Information

2020



Department of Roads

Ministry of Works and Human Settlement