



Statens vegvesen

Norwegian Public Roads
Administration



Key figures **2013**

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About the Norwegian Public Roads Administration (NPRA)

The NPRA is important for welfare and development in Norway. A network of roads for all road users keep people and regions connected.

As the national government's and county administrations' specialist agency for roads and road traffic, the NPRA plays an important role in the development of society. We are responsible for the planning, building, operation and maintenance of efficient road systems, and for supervising and inspecting road users.

The NPRA reports to the Ministry of Transport and Communications in matters regarding national roads, and to the county councils in matters regarding county roads.

The National Transport Plan and the Action Programme provide the basis for our annual priorities. In conjunction with the central government budget, road tolls and allocations to county roads, the National Transport Plan provides the framework for the NPRA's activities.

Our workforce includes 6,752 full-time positions and 7,121 employees. 2686 are women and 4,435 are men. 15 people are part of the NPRA management, of these are 5 women and 10 men. In many fields we possess unique specialist competence. Authorities as well as field-specific actors benefit from our competence.

Our main objectives:

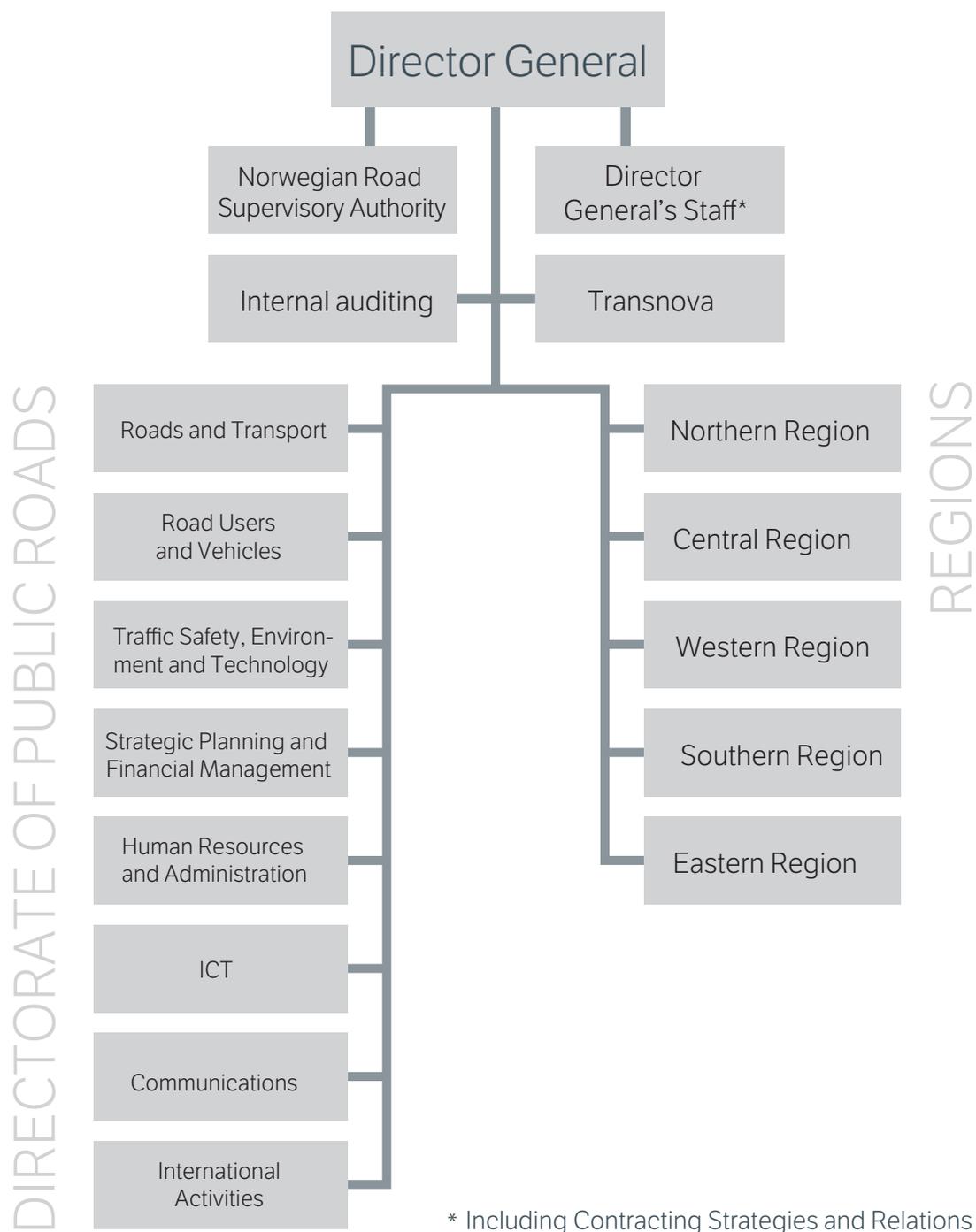
- Mobility
- Road safety
- Environment
- Universal design

These goals should help ensure that we in our role as adviser, facilitator and executor also in the future will find the best possible traffic solutions.

We aim to be an open and user-friendly expert agency who cares for human beings as well as for the environment and strive to ensure that road users reach their destinations safely and efficiently.

Organisational chart

The Norwegian Public Roads Administration consists of the Directorate of Public Roads and five Regional Offices.



Accounts and financing

Million NOK

Item	2011	2012	2013	
23	Operation and maintenance of national roads, supervision and inspection of vehicles and road users	7,550	8,297	9,185
26	Road supervision		9	10
29	Compensation for PPP projects (Public-Private Partnership)	494	402	434
30	National Roads Investments	5,662	5,420	9,966
31	Avalanche protection	641	763	916
35	Road construction, Bjørvika	143	330	102
36	E16 across Mount Filefjell	148	226	239
37	E37 west of Alta	126	362	242
72	Purchase of national road ferry services	477	573	555
	Sum total, national funds	15,241	16,381	21,649
	External financing	5,082	7,656	8,126
	Sum total, national roads	20,323	24,037	29,775
	Funds from county councils	11,472	11,889	13,604
	External financing – county roads ¹	3,802	3,780	4,552
	Sum total	35,597	39,706	47,931

1 - External financing refers to funds spent, and includes road tolls, advances and subsidies

Facts about roads and traffic

Kilometres of road as of 31 December 2013

County/ Region	National roads	County roads	Municipal roads	Total
Østfold	271	1,673	1,784	3,728
Akershus	407	1,816	2,503	4,726
Oslo	175	0	1,137	1,312
Hedmark	701	3,844	2,052	6,597
Oppland	727	3,009	1,888	5,624
Sum total, Eastern Region	2,280	10,342	9,365	21,987
Buskerud	585	1,787	1,751	4,123
Vestfold	151	1,210	1,344	2,705
Telemark	455	1,874	1,802	4,132
Aust-Agder	435	1,521	1,029	2,985
Vest-Agder	231	2,067	1,689	3,987
Sum total, Southern Region	1,858	8,459	7,616	17,933
Rogaland	520	2,481	3,215	6,216
Hordaland	743	2,895	3,116	6,755
Sogn og Fjordane	690	2,610	2,032	5,332
Sum total, Western Region	1,953	7,987	8,363	18,303
Møre og Romsdal	520	3,099	2,885	6,504
Sør-Trøndelag	384	2,940	1,935	5,259
Nord-Trøndelag	351	3,005	1,976	5,332
Sum total, Central Region	1,255	9,045	6,796	17,095
Nordland	1,223	4,113	3,562	8,897
Troms	599	2,904	1,891	5,395
Finnmark	1,279	1,484	1,442	4,205
Sum total, Northern Region	3,101	8,501	6,896	18,497
Sum total, Norway	10,446	44,333	39,036	93,815

Facts about roads and traffic



Hardanger bridge Photo: Knut Opeide

Facts about roads and traffic

The 10 longest bridges – national and county roads

Bridge	Road	County	Type	Opened	Length
Drammen bridge, northbound	E18	Buskerud	Box girder bridge	1975	1,892 m
Drammen bridge, southbound	E18	Buskerud	Box girder bridge	2006	1,842 m
Nordhordland bridge	E39	Hordaland	Pontoon bridge/ Cable-stayed bridge	1994	1,610 m
Sandesund bridge, northbound	E6	Østfold	Cantilever bridge	1978	1,528 m
Sandesund bridge, southbound	E6	Østfold	Cantilever bridge	2008	1,521 m
Mjøsa bridge	E6	Hedmark og Oppland	Box girder bridge	1985	1,421 m
Hardanger bridge	Rv. 13	Hordaland	Suspension bridge	2013	1,380 m
Gjemnessund bridge	E39	Møre og Romsdal	Suspension bridge	1991	1,257 m
Sotra bridge	Rv. 555	Hordaland	Suspension bridge	1971	1,236 m
Måløy bridge	Rv. 15	Sogn og Fjordane	Cantilever bridge	1973	1,224 m

Facts about roads and traffic



Photo: Knut Opeide

Facts about roads and traffic

Kilometres of pedestrian and cycle lanes as of 31 December 2013

County/ Region	National roads	County roads	Municipal roads*	Total
Østfold	40	138	271	449
Akershus	68	226	657	951
Oslo	69	0	1,045	1,114
Hedmark	74	80	329	483
Oppland	90	102	291	483
Sum total, Eastern Region	341	546	2,593	3,480
Buskerud	99	102	399	600
Vestfold	9	119	320	448
Telemark	49	71	183	303
Aust-Agder	47	47	119	213
Vest-Agder	51	104	196	351
Sum total, Southern Region	256	442	1,217	1,915
Rogaland	128	184	732	1,043
Hordaland	144	202	494	840
Sogn og Fjordane	57	32	113	202
Sum total, Western Region	329	417	1,339	2,084
Møre og Romsdal	95	157	462	714
Sør-Trøndelag	54	180	435	670
Nord-Trøndelag	43	121	196	360
Sum total, Central Region	192	458	1,093	1,743
Nordland	105	95	180	380
Troms	54	87	96	237
Finnmark	59	7	107	173
Sum total, Northern Region	218	189	383	790
Sum total, Norway	1,336	2,052	6,625	10,013

*Figures are from 2012. Source: KOSTRA, February 2014

Facts about roads and traffic

The 10 longest tunnels – national and county roads

Tunnel	Road	County	Number of tubes	Opened	Length
Lærdal tunnel	E16	Sogn og Fjordane	1	2000	24,509 m
Gudvang tunnel	E16	Sogn og Fjordane	1	1991	11,428 m
Folgefonn tunnel	Fv. 551	Hordaland	1	2001	11,137 m
Jondal tunnel	Fv. 107	Hordaland	1	2012	10,114 m
Karmøy tunnel	Fv. 47	Rogaland	1 (subsea)	2013	8,950 m
Krogfjell tunnel	E6	Nordland	1	2005	8,533 m
Steigen tunnel	Fv. 835	Nordland	1	1990	8,092 m
Bømlafjord tunnel	E39	Hordaland	1 (subsea)	2000	7,888 m
Eiksund tunnel	Fv. 653	Møre og Romsdal	1 (subsea)	2008	7,854 m
Svartisen tunnel	Fv. 17	Nordland	1	1986	7,624 m

Facts about roads and traffic

Numbers of vehicles in Norway

Vehicle category	2010	2011	2012	2013
Passenger car	2,308,548	2,376,426	2,442,964	2,500,265
Bus/coach	20,348	19,240	18,220	17,584
Hatchback	48,432	43,371	38,709	34,232
Van	397,279	410,730	424,634	434,636
Lorry	73,108	71,788	71,091	70,305
Tractor unit for semitrailer	7,543	7,697	8,094	8,475
Tracked vehicle	679	675	672	647
Sum total	2,855,937	2,929,927	3,004,384	3,066,154



Photo: Knut Opeide

Accessibility and traffic flow

The principal objective of the government's transport policy is to provide an efficient, safe, accessible, and environmentally friendly transport system that covers society's needs and encourages regional development.

The Norwegian Public Roads Administration works to plan and build good roads and public transport solutions, and to manage and maintain existing roads. It aims to remove bottlenecks in the road network that inflict extra costs on society.

The NPRA is the contracting client in construction projects on the network of national roads, and for most road projects on the network of county roads. The NPRA develops standards and requirements regarding operation and maintenance, which is then carried out by contractors.

National roads opened for traffic in 2013

10.6 km of four-lane national road (including 3.2 km reconstruction of previous four-lane road) was opened for traffic in 2013.

Pedestrians and cyclists

41.5 km of road was modified to accommodate pedestrians and cyclists in 2013.

Paving (national roads)

Region	Km of road paved in 2013	Km of pedestrian/cycle lanes paved in 2013
Eastern Region	425	26
Southern Region	229	12
Western Region	131	3
Central Region	140	0
Northern Region	264	2
Sum total	1,189	43

Ferry operations 2013

Number of national road ferry connections as of 31 December:	16
Number of vehicles transported by Norwegian national road ferries:	9,429,000
Number of passengers (drivers included) on Norwegian national road ferries:	19,608,000

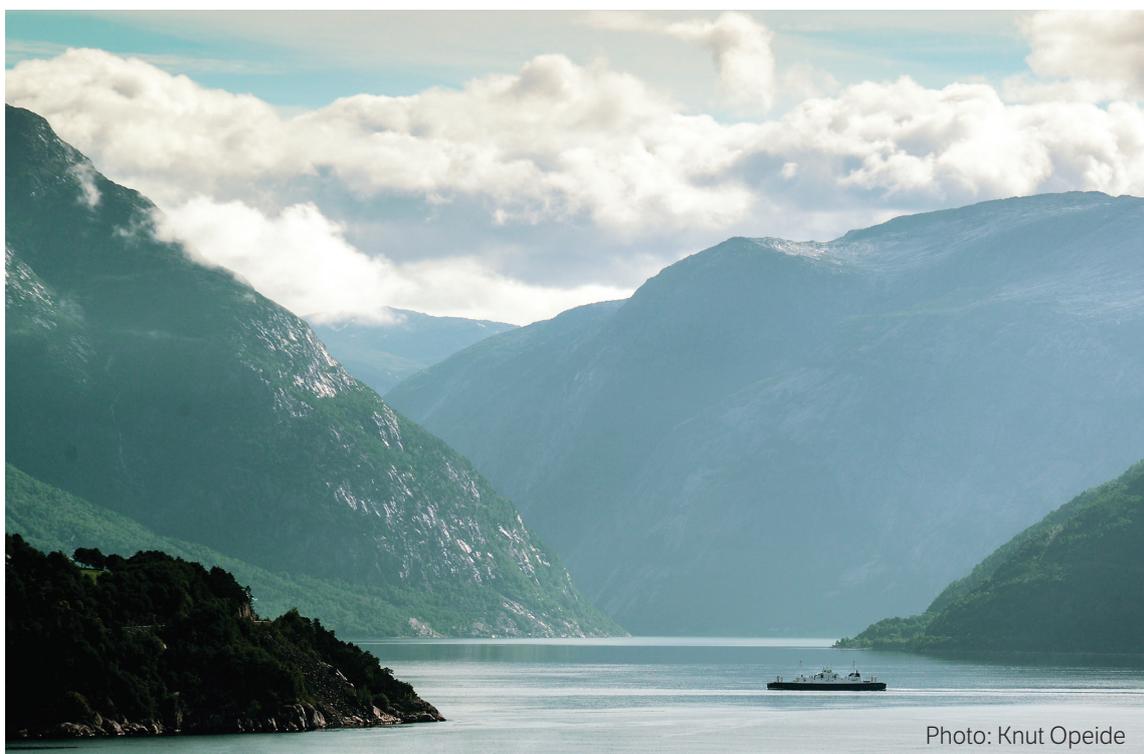


Photo: Knut Opeide

Contractors

The major contractors for the Norwegian Public Roads Administration in 2013

Contractor	Million NOK	Contractor	Million NOK
Mesta AS	2,635	Joint Venture Bilfinger-Tresfjordbridge ANS	236
AF Gruppen Norge AS	1,553	Peab Asfalt Norge AS	187
Veidekke Entreprenør AS	1,506	Vassbakk & Stol AS	183
Veidekke Industri AS	1,457	CJV Bilfinger M3 Vågstrandtunnelen DA	164
Hæhre Entreprenør AS	1,340	Leonhard Nilsen & Sønner AS	163
NCC Construction AS	1,245	BMO Entreprenør AS	161
Skanska Norge AS	1,004	E Pihl & Sønn AS	159
Implenia AS	845	Maskintr. Kåre Isaksen AS	149
NCC Roads AS	798	AF NCC - Repstad Anlegg AS	136
Lemminkäinen Norge AS	724	Gjermundshaug Anlegg AS	135
JV Veidekke Hochtief ANS	437	Park og Anlegg AS - Hafslundøy	132
Risa AS	436	MT Højgaard AS	124
E. Opedal & Sønner AS	347	Alpine Bau GMBH	121
Reinertsen AS	331	Consolvo AS	121
Kruse Smith Entreprenør AS	311	Marti Iav Solbakk DA	118
Peab Sverige AB	287	Johs J Syltern AS	116
Skanska Asfalt AS	238	Isachsen Entreprenør AS	115
		Stangeland Maskin AS	102

This overview includes the major contractors in terms of contract value for construction, operation and maintenance of national and county roads, in NOK million.

Operation and maintenance contracts in 2013

Contractor	Number of contracts as of 1 Sept	Number of contracts expiring 31 Aug	Percentage after 1 Sept
Mesta Drift AS	46	9	46
Veidekke Industri	15	2	15
Veidekke Entreprenør AS	2	1	2
NCC Construction AS	1	0	1
NCC Roads AS	10	3	10
Risa AS	5	2	5
ISS Facility Services	2	0	2
Lemminkäinen Norge AS	4	0	4
Bergquist Maskin og Transport AS	1	0	1
E. Opedal & Sønner AS	6	0	6
OneCo Veidrift AS	2	0	2
Oslo Vei AS	0	1	0
AF Vestfold Veg	1	0	1
Svevia Norge AS	4	0	4
Dozerdrift AS & Nørstebø og sønn	0	1	0
Nordsalten Vegdrift AF	0	1	0
PEAB Norge AS	1	0	1
Sum total	100	20	100

Traffic safety

Over the past five years, road traffic has claimed the lives of 184 people on average per year.

In 2013, the number was 187 fatalities. Around 10,000 people are reported killed or injured every year. After 1970, the number of people killed in road traffic has decreased by more than 75 %, despite the fact that the traffic volume has more than trebled. This would not have been possible without significant efforts in many areas.

The measures that have been the most effective are traffic safety investment measures such as for example improvement of dangerous points and road sections, and measures directed towards making the vehicle fleet safer.

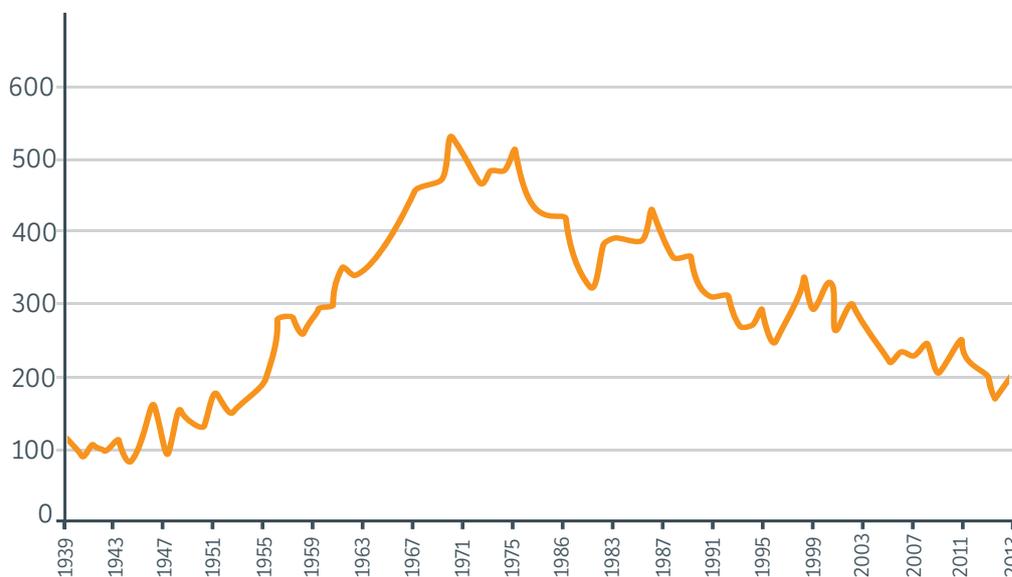
Other effective measures concern the efforts of the police, and also the use of speed cameras, to keep the speed level down.

Road risk – fatalities, serious injuries and traffic safety measures

Since 1970, the risk of being killed in road traffic has been reduced by 90 %. In the same period, there has been a trebling of road traffic volume.

In 2013, 187 people died in road traffic accidents, while the number was 145 in 2012.

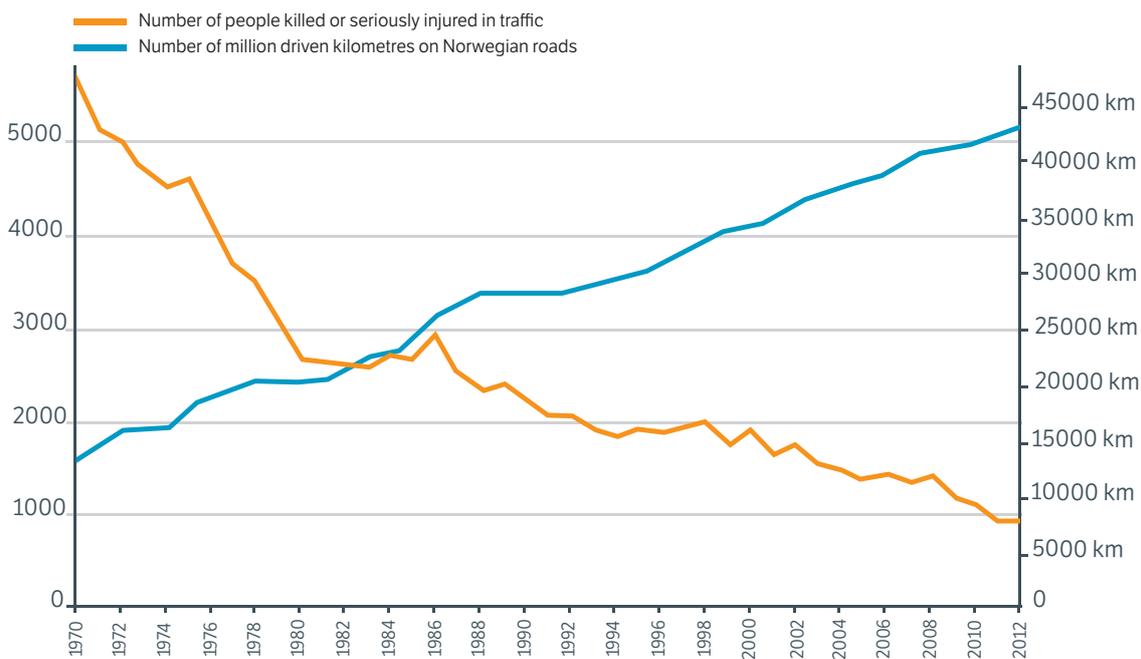
Number of people killed in traffic



People killed or seriously injured

per kilometre of driven kilometre in Norway.

The table shows figures up to and including 2012.



Traffic safety measures implemented in 2013

Kilometres of guardrails built on two- or three-lane roads	21.2
Kilometres of central hatched zone/opposing lane separator	149.3

Vehicle inspections

Drivers' hours, roadside inspections	116,066
Drivers' hours, company inspections	250,217
Heavy vehicle inspections	69,824
Seat belt inspections	1,015,850

Safety situation for road users and vehicles	2011	2012	2013
Use of seat belt in built-up areas	92.7 %	93.1 %	94.4 %
Use of seat belt outside built-up areas	94.8 %	94.3 %	95.6 %
Compliance with drivers' hours regulations – daily rest period	68 %	65 %	68 %
Compliance with drivers' hours – maximum driving time per day	73 %	73 %	79 %
Heavy vehicles with approved brakes	80 %	77.1 %	72.5 %

Environment

The Norwegian Public Roads Administration has an independent responsibility for the environment in connection with the planning, building and operation of European and national roads.

This implies that

- no human beings should become seriously ill or have their quality of life significantly reduced
- biological diversity should not be significantly reduced or damaged
- no important functions or areas of nature should be significantly damaged
- no important cultural monuments or cultural environments should be damaged or destroyed

Salt pollution

214,000 tons of salt was used during the 2012/2013 winter season. This is an increase of 9 tons compared to the 2011/2012 winter season.

Biological diversity and agricultural land

29 points of conflict between roads and biological diversity were improved in 2013. 224 decares of agricultural land was reassigned for road purposes.

Greenhouse emissions from new cars

Average emissions of greenhouse gases from new cars were reduced from 130 g/km in 2012 to 123 g/km in 2013, a decrease of 7 g/km. Since 2006, the decrease has been 54 g/km. The sale of zero-emission cars constituted 5.6% in 2013 – it increased from 2.9% in 2012.

Air quality

The requirements set by the Pollution regulations with regard to air quality remain a challenge in Oslo, Bergen, Drammen and Stavanger in 2013. There may be major weather-dependent variations with regard to the concentration of nitrogen dioxide, but emissions are directly related to traffic volume, and to the percentage of vehicles with diesel engines. Dust concentrations depend on the weather, the number of cars, speed, and the number of vehicles with studded tyres. In the major cities, measures are being implemented to reduce dust concentrations, such as increased road cleaning, lowered speeds, and studded tyre fees (Oslo and Bergen).

For more information about the development in the use of non-studded tyres, see the table on the next page.

Use of non-studded tyres

Town/city	Average 2010–2012	2013**
Bergen*	83 %	85 %
Drammen	77 %	81 %
Fredrikstad and Sarpsborg	74 %	79 %
Skien og Porsgrunn	55 %	63 %
Hamar	59 %	49 %
Kristiansand	70 %	60 %
Lillehammer	45 %	47 %
Asker og Bærum	84 %	82 %
Oslo*	85 %	86 %
Stavanger and Sandnes	72 %	75 %
Tromsø	13 %	14 %
Trondheim	71 %	65 %
Ålesund	39 %	49 %

*Studded tyre fees have been introduced

** Accuracy of figures within a safety margin of approx. 3%



Photo: Knut Opeide

Universal design



Photo: Knut Opeide

The Norwegian Public Roads Administration works systematically to increase the quality of roads and road facilities, so that as many people as possible can use them. In addition to upgrading public transport stops and hubs, examples of measures that will make road facilities attractive and accessible to more people include building facilities for pedestrian and cyclists, and providing safe pedestrian crossings.

Universal design is therefore included as an important priority in plans and ongoing projects in the Norwegian Public Roads Administration. We work continuously to generate and disseminate new knowledge within this field, and in our work we cooperate with the other transport agencies, county administrations, user organisations and other public agencies.

Number of public transport hubs universally designed in 2013	9
Number of public transport stops universally designed in 2013	135
Number of ferries (in national road ferry operations) accessible to all	36

National Tourist Routes

The Norwegian Public Roads Administration is developing the tourist attraction National Tourist Routes, which includes 18 selected routes from Varanger in the north to Jæren in the south. In 2013, all routes were re-examined and road lengths were adjusted, and in addition some selected side roads were given status as National Tourist Routes. After this, the total length of roads with National Tourist Route status is 2,059 km.

Spectacular architecture in magnificent scenery is the distinctive mark of this tourist attraction. By the end of 2013, 128 of 245 projected measures had been implemented. The aim is for all routes to have satisfactory standard by 2023.

Five projects along the National Tourist Routes Rondane, Ryfylke, Hardanger, Andøya and Senja were completed in 2013. Work on the major tourist attractions Steindalsfossen in Hardanger and Eldhusøya along National Tourist Route Atlanterhavsvegen was started in 2013. In addition, the work on Sognefjellshytta and the attraction Almannajuvet in Ryfylke was continued. Many of these projects are “Dutch treats”, with funds contributed from county councils, local councils and business participants.

In 2013, the picnic area of Selvika received the Norwegian Concrete Association’s award, “Betongtavlen” (literally, “the Concrete Board”), whereas Trollstigen received the Norwegian Steel Construction Prize and the European Steel Design Award. Steilneset memorial along the National Tourist Route Varanger received the North Norwegian Architecture Prize. The attractions also competed for the Norwegian Architecture Prize and the European Union Prize for Contemporary Architecture.

National Tourist Routes



Trollstigen Photo: Jiri Havran

National Tourist Routes

Routes and lengths

Name	National Tourist Route	Length (km)
Rondane	Venabygdsfjellet – Enden – Folldal Solli church – Enden	75
Valdresflye	Garli – Hindsæter with a detour to Gjende	49
Jæren	Ogna – Bore	41
Ryfylke	Oanes – Sauda – Hordalia	183
Hardanger	Granvin – Steinsdalsfossen Norheimsund – Tørvikbygd Jondal – Utne Kinsarvik – Låtefoss	158
Hardangervidda	Eidfjord – Haugastøl	67
Aurlandsfjellet	Aurlandsvangen – Lærdalsøyri	47
Sognefjellet	Lom – Gaupne	108
Gaularfjellet	Balestrand – Eldalsosen – Moskog Eldalsosen – Sande	114
Gamle Strynefjellsvegen	Grotli – Videseter	27
Atlanterhavsvegen	Kårvåg – Bud	36
Geiranger - Trollstigen	Langevatn – Sogge bru	104
Helgelandskysten	Holm – Godøystraumen with a detour to Torghatten	433
Lofoten	Å – Raftsundet with detours to Nusfjord, Vikten, Utakleiv, Unstad, Eggum and Henningsvær	230
Andøya	Bjørnskinns – Andenes	58
Senja	Gryllefjord – Botnhamn with detours to Mefjordvær and Husøya	102
Havøysund	Kokelv – Havøysund	67
Varanger	Varangerbotn – Hamningberg	160
Sum total		2,059

The Norwegian Public Roads Administration's public services in 2013

	Per day	Per year
Theory test	ca. 840	ca. 185,000
Practical driving tests	ca. 600	ca. 135,000
Driving licences	ca. 1,700	ca. 365,000
Vehicle registrations	ca. 4,300	ca. 950,000
Web visits at vegvesen.no	ca. 50,000	ca. 18.2 million
Telephone enquiries from the public	ca. 7,500	ca. 1.9 million



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