

Kunnskapsgrunnlag/områdeanalyse NORDLAND, TROMS OG FINNMARK, SAPMI

Part B: Statistics & additional data

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1. Foreword

As an assignment by Troms & Finnmark County Council, Nordland County Council and Sametinget, an expert work has been made by NORCE to prepare a knowledge base *Kunnskapsgrunnlag/Områdeanalyse* on North Norway with relevance to the EU programmes SV/FI/NO, Kolarctic, and NPA taking place in the years 2021-2027. The expert work took place in September-October 2020.

The reporting of the work includes *Kunnskapsgrunnlag/Områdeanalyse del A* (the main document) and *Kunnskapsgrunnlag/Områdeanalyse del B* (this document: Appendix with additional background information and statistics related to the main document).

2. Regional facts

Region	Area (km ²), land (total)	Population (2020)	Population density	Centrality (1000=most central)*	Typology of region**
Troms & Finnmark	70 930 (115 871)	243 311	3 per km ² land area	668 (Group 5)	Predominantly rural, remote region
Nordland	35 760 (80 558)	241 235	7 per km ² land area	648 (Group 5)	Predominantly rural, remote region
Northern Norway	106 690 (196 429)	484 546	5 per km ² land area	658 (Group 5)	
Norway	304 073 (323 809)	5 367 580	18 per km ² land area	822 (Group 3)	

*Weighted average of centrality levels for municipalities. Grouped into 6 groups where 1 is most central, 6 least central.¹
 **Based on Dijkstra & Poelman (2018).

Table 1: Regional facts about North Norway. Sources: NORCE, Statistics Norway.

¹ See ssb.no/klass/klassifikasjoner/128, retrieved 2020-10-04.

3. Demography

Region	Population (2020)	5-year population change (15-20)	Population by centrality of municipality (2020) (1=most central, 6=least central)	People living in villages/towns/cities (2019)	Demographic vulnerability index** (10=most vulnerable)
Troms & Finnmark	243 311	1,8%*	3: 76 974 (32%) 4: 56 940 (23%) 5: 55 234 (23%) 6: 54 163 (22%)	179 346 (74%)	5
Nordland	241 235	-0,2%*	3: 52 357 (22%) 4: 81 612 (34%) 5: 53 547 (22%) 6: 53 719 (22%)	172 457 (71%)	7
Northern Norway	484 546	0,8%	3: 129 331 (27%) 4: 138 552 (29%) 5: 108 781 (22%) 6: 107 882 (22%)	351 803 (72%)	6
Norway	5 367 580	3,9%	1: 1 026 486 (19%) 2: 1 363 366 (25%) 3: 1 364 123 (25%) 4: 878 734 (16%) 5: 499 142 (9%) 6: 235 72 (4%)	4 368 614 (82%)	2

* Note that Tjeldsund municipality was moved from Nordland to Troms & Finnmark county in 2020 (and merged with Skånland). If using the *current* municipality structure, the 5-year change would have been a 0,3% increase in Nordland and a 1,2% increase in Troms & Finnmark.

**Based on 10 indicators in Nordregio Working Paper 2019:1 (age balance, gender balance, birth rates, death rates and international migration balance).

Table 2: Demographic characteristics of northern Norway. Sources: NORCE, Statistics Norway.

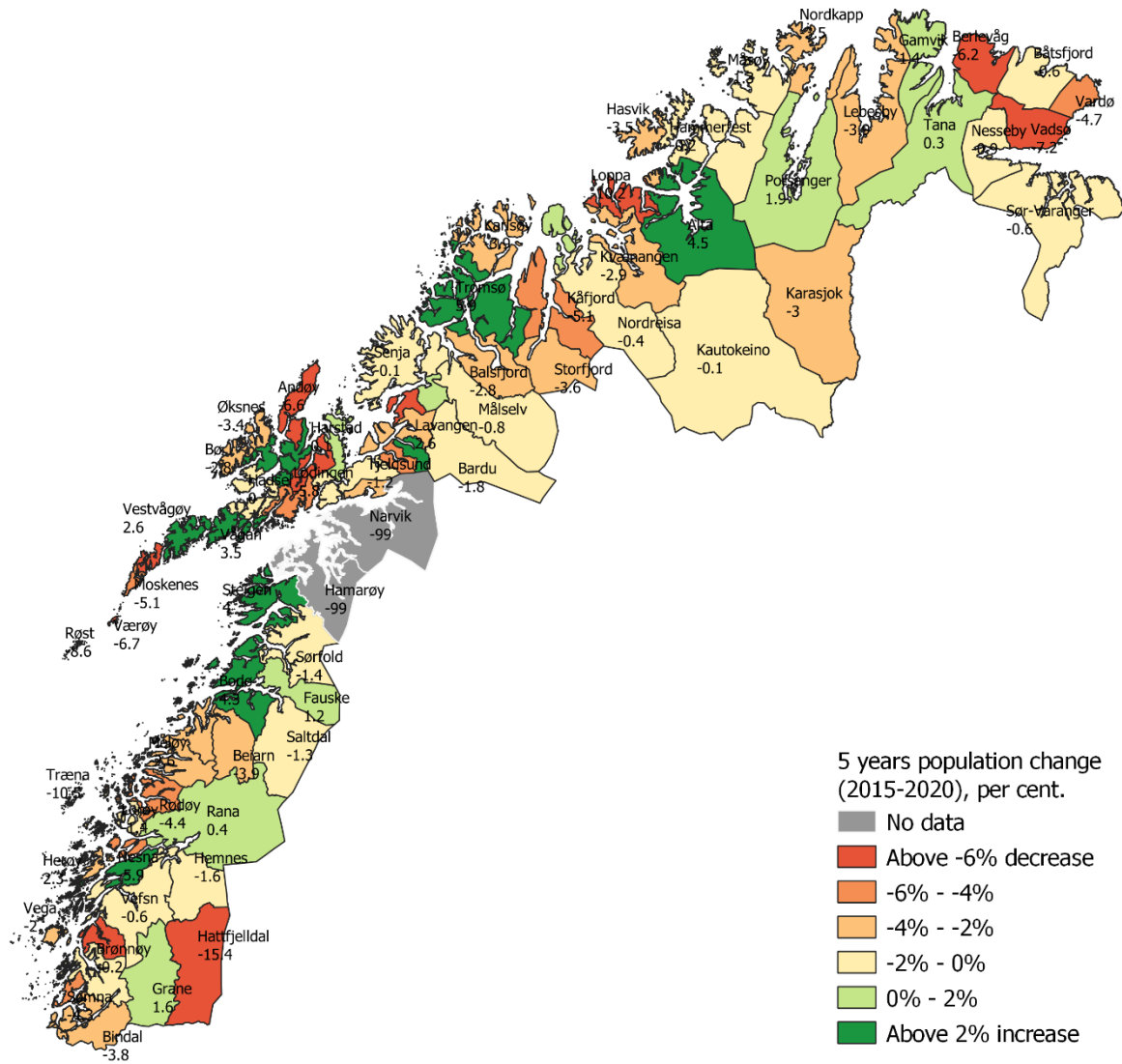


Figure 2: 5 years population change (2015-2020, %). Sources: NORCE, Statistics Norway and the Norwegian Mapping Authority

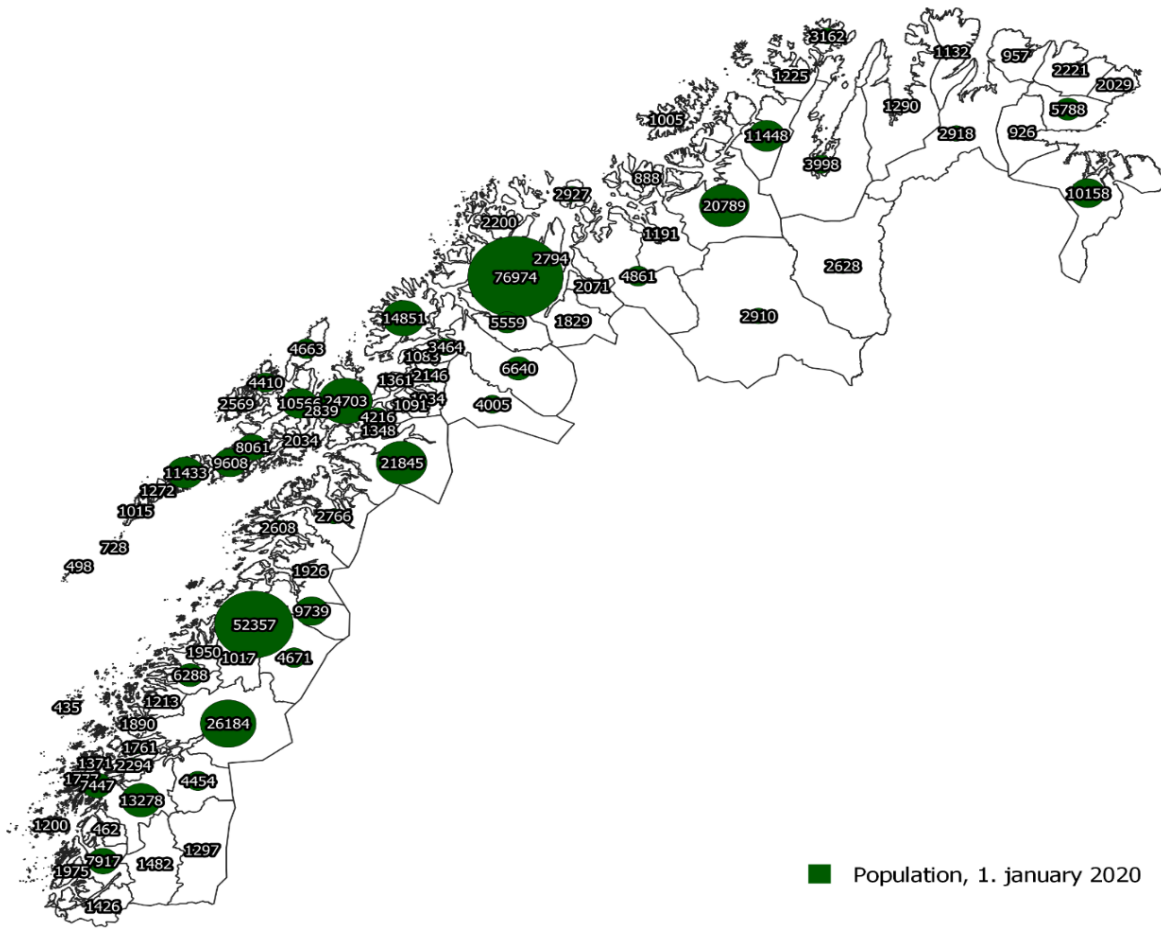


Figure 3: Population of north Norwegian municipalities, 1. January 2020.

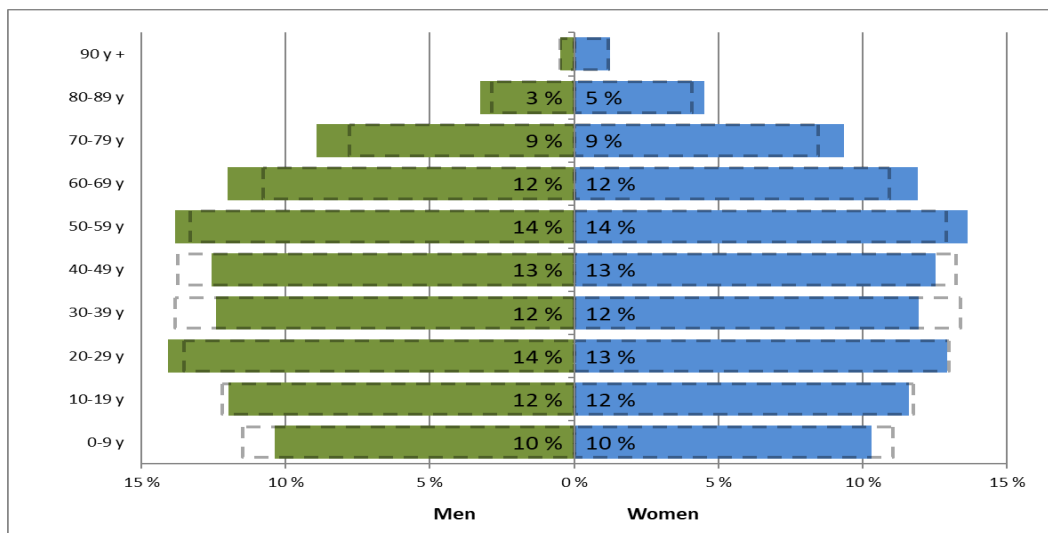


Figure 4: Population pyramid for northern Norway (2020) showing the distribution of people between age groups, compared to Norway (outlines). Sources: NORCE, Statistics Norway.

Region	2020	2030	2040	2050
Troms & Finnmark	59%	57%	54%	53%
Nordland	57%	55%	51%	51%
Northern Norway	58%	56%	53%	52%
Northern Norway by centrality (1=most central, 6=least central)	3: 62% 4: 58% 5: 57% 6: 55%	3: 60% 4: 55% 5: 55% 6: 52%	3: 57% 4: 52% 5: 51% 6: 49%	3: 56% 4: 52% 5: 51% 6: 48%
Norway	59%	58%	55%	53%

Table 3: Proportion of population in working age (20-64), in 2020 and in the future according to Statistics Norway's Main alternative. Sources: NORCE, Statistics Norway.

Region	0-24	25-34	35-44	45-69	70-79	80+	SUM
Finnmark*	93	89	87	93	98	145	94
Troms*	93	92	95	96	103	145	97
Nordland	93	91	95	96	101	150	97
Northern Norway	93	91	94	96	101	148	97
Norway	94	96	94	97	107	155	98

Table 4: Women per 100 men, 2020. Sources: NORCE, Statistics Norway

4. Labour market and industry structure

Næringenes andel av bruttoproduktet, 2015, % (T3.1)	Nordland	Troms og Finnmark	Alle fylker
Primærnæringer	8,2	6,7	2,1
Landbruk	1,3	0,6	0,9
Fiske/oppdrett	7,0	6,1	1,2
Industri, olje/gass	10,8	7,0	13,7
Primærforedlings-industri	4,1	2,7	2,3
Olje/gass, bergverk	0,8	2,4	4,1
Teknologiindustri	2,1	1,2	4,4
Annen industri	3,8	0,7	2,9
Infrastruktur-næringer	22,6	20,2	21,3
Bygg/anlegg etc	17,3	14,8	15,0
Transport	5,3	5,3	5,0
Utenriks sjøfart	0,0	0,1	1,4
Privat dominert tjenesteyting	21,4	23,3	34,5
KIFT	7,6	8,2	17,1
Handel	8,1	8,5	9,7
Overnatting og servering	3,6	4,5	4,3
Annen privat dominert tjenesteyting	2,1	2,1	3,3
Offentlig dominert tjenesteyting	37,0	42,8	28,4
Adm. og forsvar	12,2	13,3	8,1
Undervisning	7,2	10,0	6,5
Helse- og omsorgstjenester	17,6	19,4	13,8

Table 5: Industry share of Gross product (Bruttoprodukt) (Regionale utvikligstrekk)

NACE	Employed by place of work			Percent of total employment			
	Nordl.	Troms	Finnm.	Nordl.	Troms	Finnm.	NORWAY
01-03 Agriculture, forestry and fishing	5683	2846	2552	4,9	3,3	6,8	2,2
05-43 Industrial activities	22986	13124	7017	19,6	15,2	18,6	19,7
45-82 Trade, transport, hotels, business act.	35704	27641	10885	30,5	32,1	28,8	38,3
84 Public adm., defence, soc. security	9398	7425	3827	8,0	8,6	10,1	6,3
85 Education	10690	9507	3515	9,1	11,0	9,3	8,3
86-88 Human health and social work	28428	22414	8529	24,3	26,0	22,6	20,7
90-99 Other personal service activities	3653	2913	1286	3,1	3,4	3,4	4,0
00 Unspecified	589	351	193	0,5	0,4	0,5	0,6
TOTAL	117131	86221	37804	100	100	100	100

Table 6: Employed persons per 2019 4th quarter, by industry (SIC2007). Nordland, Troms and Finnmark counties, and Norway. SSB, T12907.

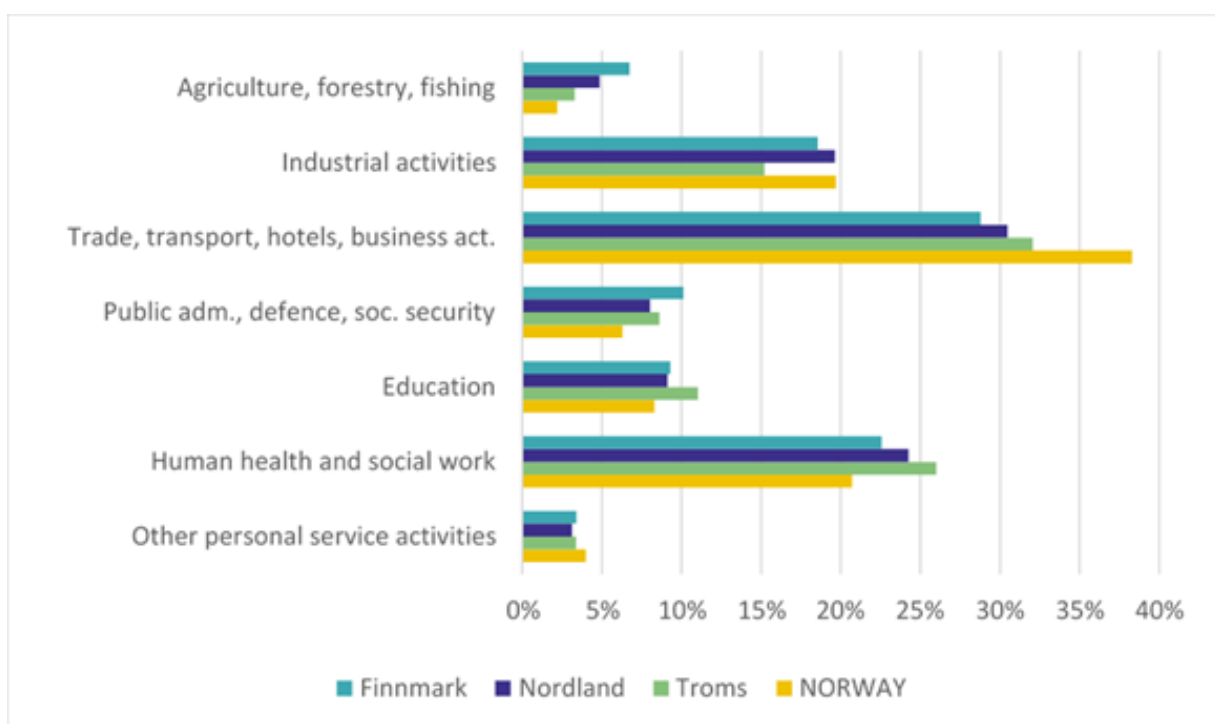


Figure 5: (Table 6 in Figure format): Employed persons per 2019 4th quarter, by industry (SIC2007). Nordland, Troms and Finnmark counties, and Norway. SSB, T12907.

Company size, employed	Nordland			Troms			Finnmark		
	Pct. of companies	% of sales (1000 kr)	Pct. employed	Pct. of companies	% of sales (1 000 kr)	Pct. employed	Pct. of companies	% of sales (1 000 kr)	Pct. employed
00	31 (-)	6	0	29 (-)	6	0	29 (-)	7	0
01-04	54 (78)	14	23	56 (78)	11	22	56 (79)	15	27
05-09	8 (11)	11	14	8 (11)	10	14	8 (11)	12	16
10-19	5 (6,6)	14	17	4 (6,3)	13	16	4 (6,2)	17	18
20-49	2 (3,3)	17	17	2 (3,3)	15	18	2 (3,2)	19	20
50-99	0 (0,7)	10	9	1 (0,7)	21	9	0 (0,4)	11	5
100-249	0 (0,3)	14	8	0 (0,3)	12	10	0 (0,1)	11	4
250	0 (0,1)	13	10	0 (0,1)	12	12	0 (0,1)	8	9
Total %	100	100	100	100	100	100	100	100	100

Table 7: Share of companies, sales and employed persons; distribution after company size (companies in groups of persons employed), 2018. SSB, T08228 (Remark: Numbers in "(parentheses)" does not include companies with 0 persons employed)

	2015	2016	2017	2018 ²	2019
Nordland	2,7	2,5	2,1	1,9	1,9
Troms	2,2	2,1	1,9	1,6	1,7
Finnmark	3,4	3,3	3,1	2,8	2,7

Table 8: Completely unemployed persons in Nordland, Troms and Finnmark, 2015-2019, annual average. Per cent of Labour force²

² <https://www.nav.no/no/nav-og-samfunn/statistikk/arbeidssokere-og-stillinger-statistikk/historisk-statistikk>

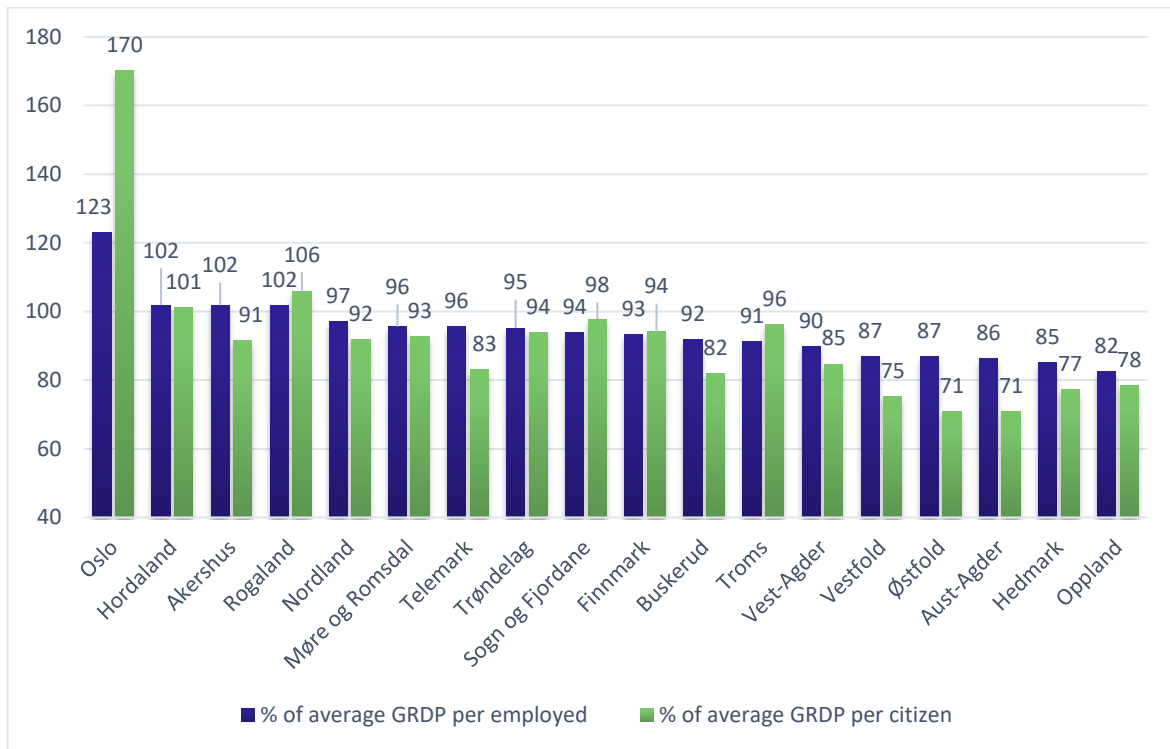


Figure 6: Gross Regional Domestic Production (GRDP) counties of Norway: in per cent of average GRDP per employed, and in per cent of average GRDP per citizen. 2018.

COUNTY	GRDP MNOK	Employed (1 000)	GRDP per employed (1000 NOK)	% of average GRDP per employed	Citizens 1.1.19	GRDP per citizen (1000 NOK)	% of average GRDP per citizen
Oslo	560834	493	1138	123	681067	823	170
Hordaland	256908	272	943	102	524495	490	101
Akershus	276295	293	943	102	624055	443	91
Rogaland	243433	258	943	102	475654	512	106
Nordland	108183	120	899	97	243385	444	92
Møre og Romsdal	119967	136	885	96	267420	449	93
Telemark	69758	79	885	96	173318	402	83
Trøndelag	210150	238	882	95	462032	455	94
Sogn og Fjordane	51956	60	870	94	109774	473	98
Finnmark	34534	40	863	93	75863	455	94
Buskerud	112092	132	850	92	283148	396	82
Troms	77921	92	845	91	167202	466	96
Vest-Agder	76888	92	832	90	187589	410	85
Vestfold	91536	114	806	87	251084	365	75
Østfold	101920	127	804	87	297520	343	71
Aust-Agder	40409	51	799	86	117655	343	71
Hedmark	73888	94	788	85	197406	374	77
Oppland	71993	94	763	82	189545	380	78
All counties	2578665	2784	926	100	5328212	484	100
Svalbard	1408	1	1083	117			
Continental shelf	558353	7	80921	8737			

Table 9: Gross Regional Domestic Production (GRDP) counties of Norway, 2018.
Source: SSB, T09391.

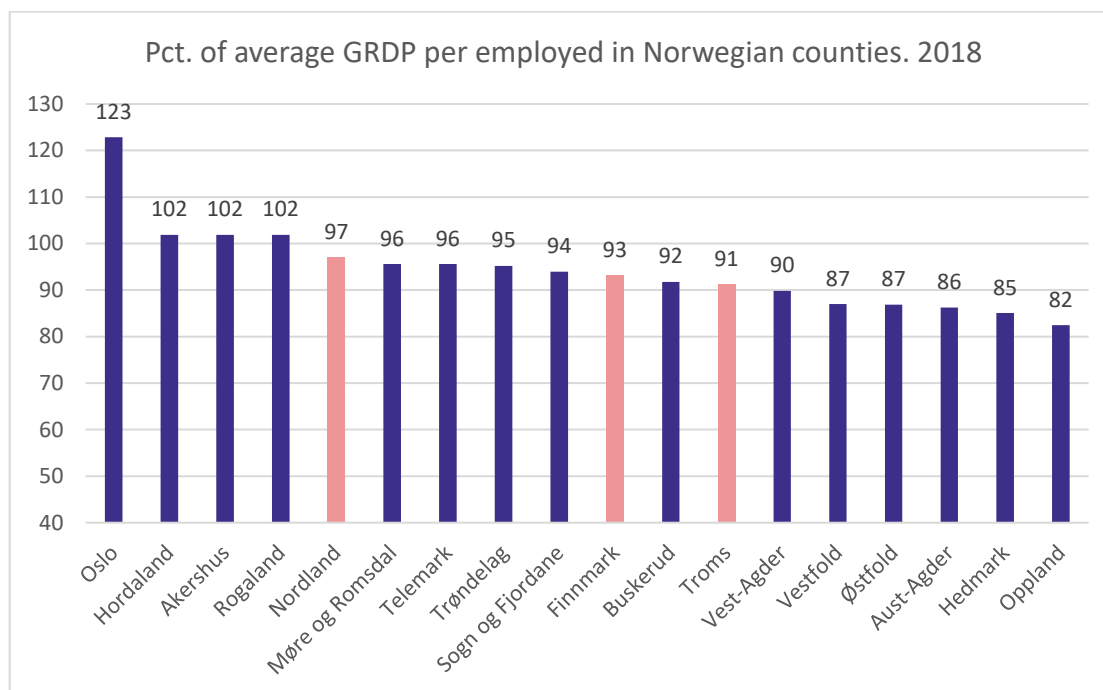


Figure 7: Gross Regional Domestic Product (GRDP) per employed in Norwegian counties, in per cent of average GRDP per employed. Index=100 for average GRDP per employee. 2 018. Source: SSB, T09391.

Region (county)	GRDP (mill. NOK)	GRDP per employed (NOK)	GRDP per citizen (NOK)	Employed persons (1 000)	Population 1.1.2019
Nordland	108 183	899 277	444 493	120	243 385
Troms	77 921	845 130	466 029	92	167 202
Finnmark	34 534	863 350	455 215	40	75 863
Troms and Finnmark	112 455	850 643	462 654	132	243 065
All Norwegian counties	2578665	926 145	483 964		

Table 10: Gross Regional Domestic Product (GRDP) in North Norway regions compared to all Norwegian counties, 2018. SSB, T09391.

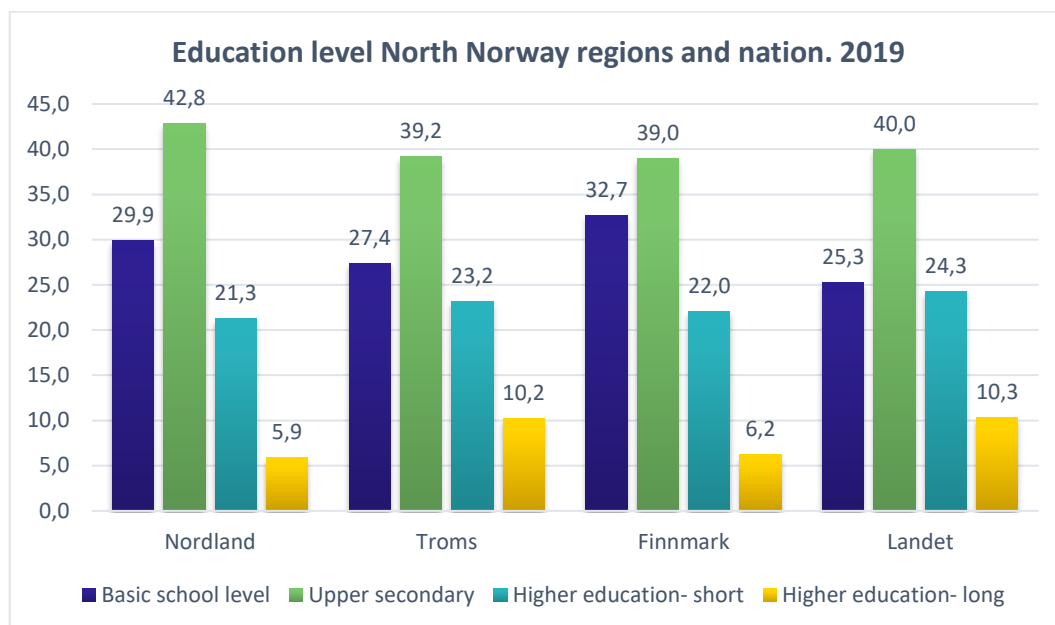
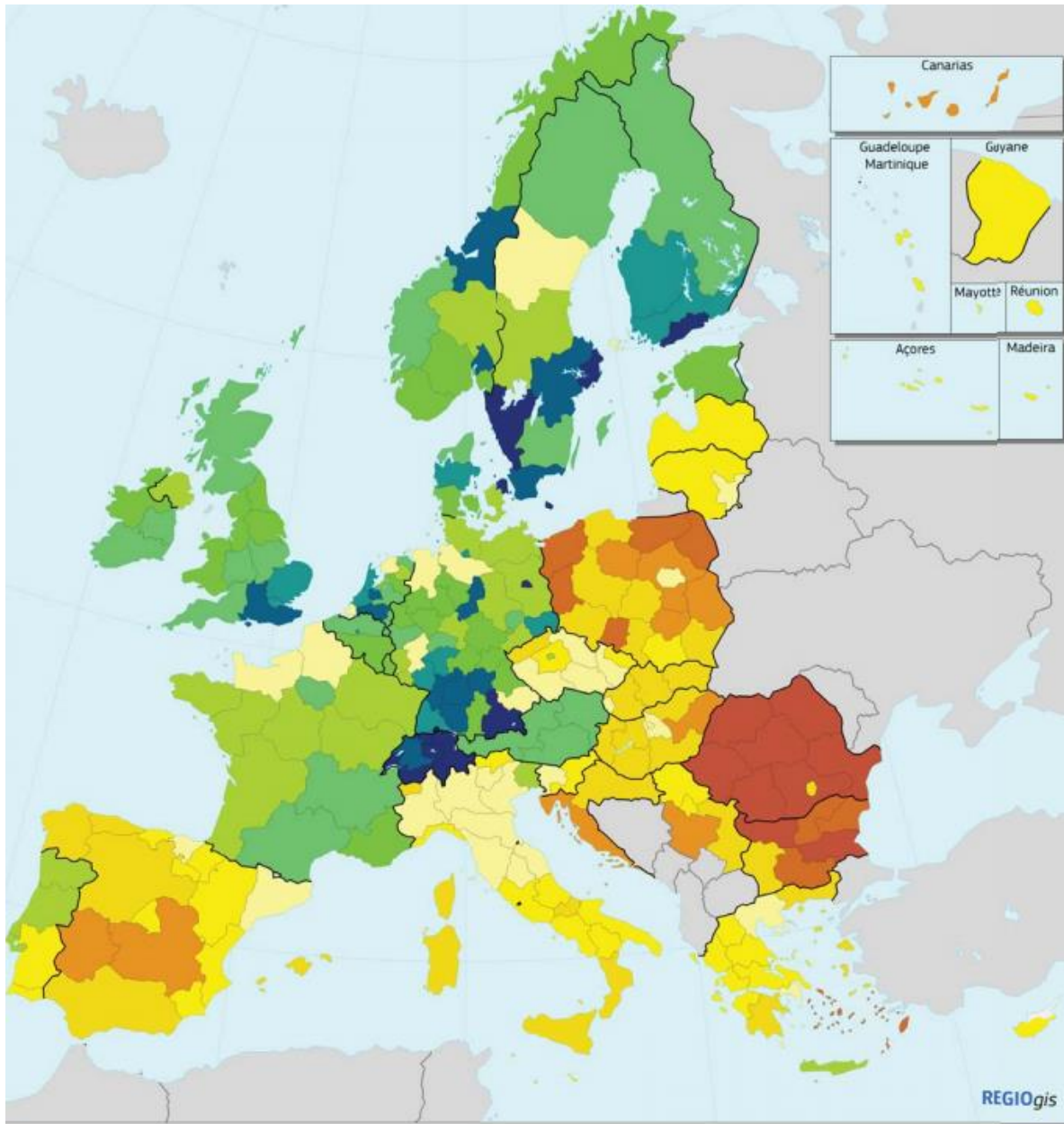


Figure 8: Educational level - North Norway regions and nation. 2019. SSB, T08921.

	Persons				Pct.			
	Basic school level	Upper secondary	Higher education- short	Higher education- long	Basic school level	Upper secondary	Higher education- short	Higher education- long
Nordland Total	59887	85662	42592	11894	29,9	42,8	21,3	5,9
Males	31132	47505	16460	6026	30,8	47,0	16,3	6,0
Females	28755	38157	26132	5868	29,1	38,6	26,4	5,9
Troms Total	37563	53596	31834	13986	27,4	39,2	23,2	10,2
Men	19885	30336	12516	6726	28,6	43,7	18,0	9,7
Females	17678	23260	19318	7260	26,2	34,5	28,6	10,8
Finnmark Total	20395	24330	13705	3877	32,7	39,0	22,0	6,2
Men	11590	13913	4985	1703	36,0	43,3	15,5	5,3
Females	8805	10417	8720	2174	29,2	34,6	29,0	7,2
Landet Total	1100884	1738594	1057705	448184	25,3	40,0	24,3	10,3
Men	568264	951911	427611	234055	26,0	43,6	19,6	10,7
Females	532620	786683	630094	214129	24,6	36,3	29,1	9,9

Table 11: Educational level - persons above 15 years of age. Region and gender. Number and per cent of total. 2019. SSB, T08921.



Regional performance groups

- | | |
|---|--|
| ■ Modest - | ■ Strong - |
| ■ Modest | ■ Strong |
| ■ Modest + | ■ Strong + |
| ■ Moderate - | ■ Leader - |
| ■ Moderate | ■ Leader |
| ■ Moderate + | ■ Leader + |

Source: European Commission - Regional Innovation Scoreboard 2019

Figure 9: Regional Innovation Scoreboard and North Norway (Regional Innovation Scoreboard 2019)

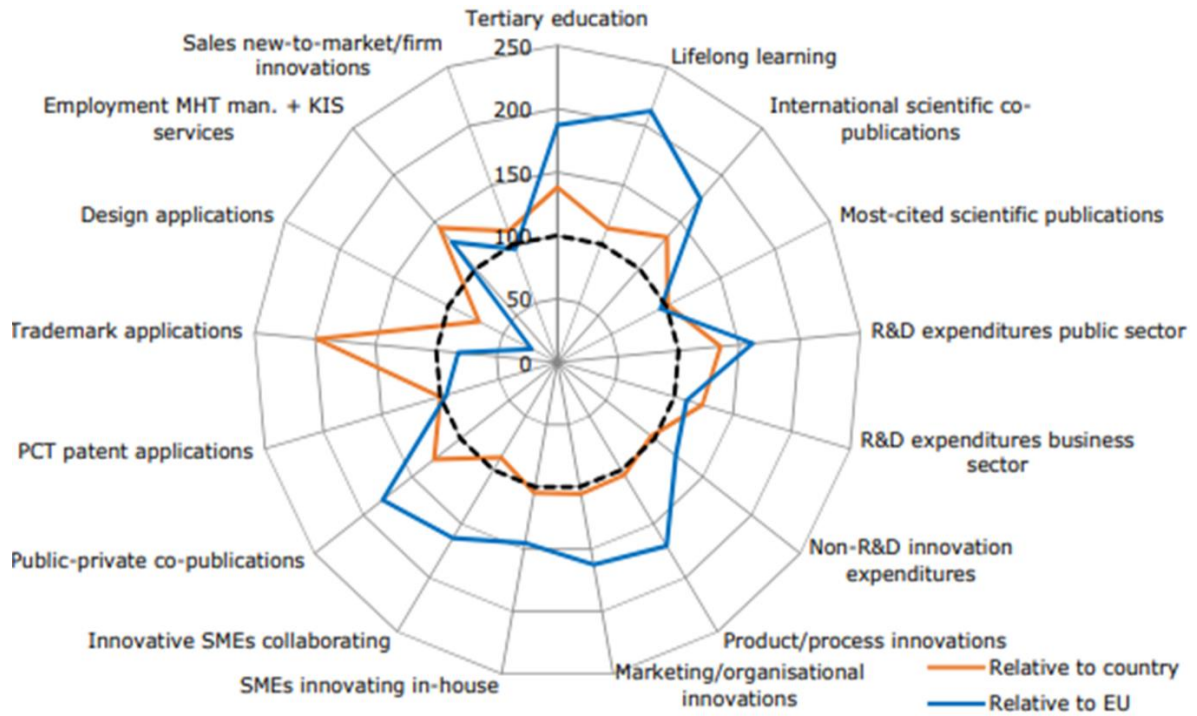


Figure 10: Innovation Radar in North Norway (Regional Innovation Scoreboard 2019)

5. Health & healthcare

Region	Mortality rate, men (mortalities per 1000)	Mortality rate, women (mortalities per 1000)	Mortality rate (mortalities per 1000)
Troms & Finnmark	8,2	8,5	8,4
Nordland	8,8	9,8	9,3
Northern Norway	8,5	9,2	8,8
Norway	7,4	7,8	7,6

Table 12: Mortality rate by gender, 2019. Source: NORCE, Statistics Norway.

	Norway	Northern Norway
Sum	9	8
Female	9	8
Male	10	8
16-24 years	3	3
25-44 years	8	7
45-66 years	11	10
67 years or older	13	11

Table 13: Share of people without good friends or that see friends less than once a month, 2019. Sources: NORCE, Statistics Norway.

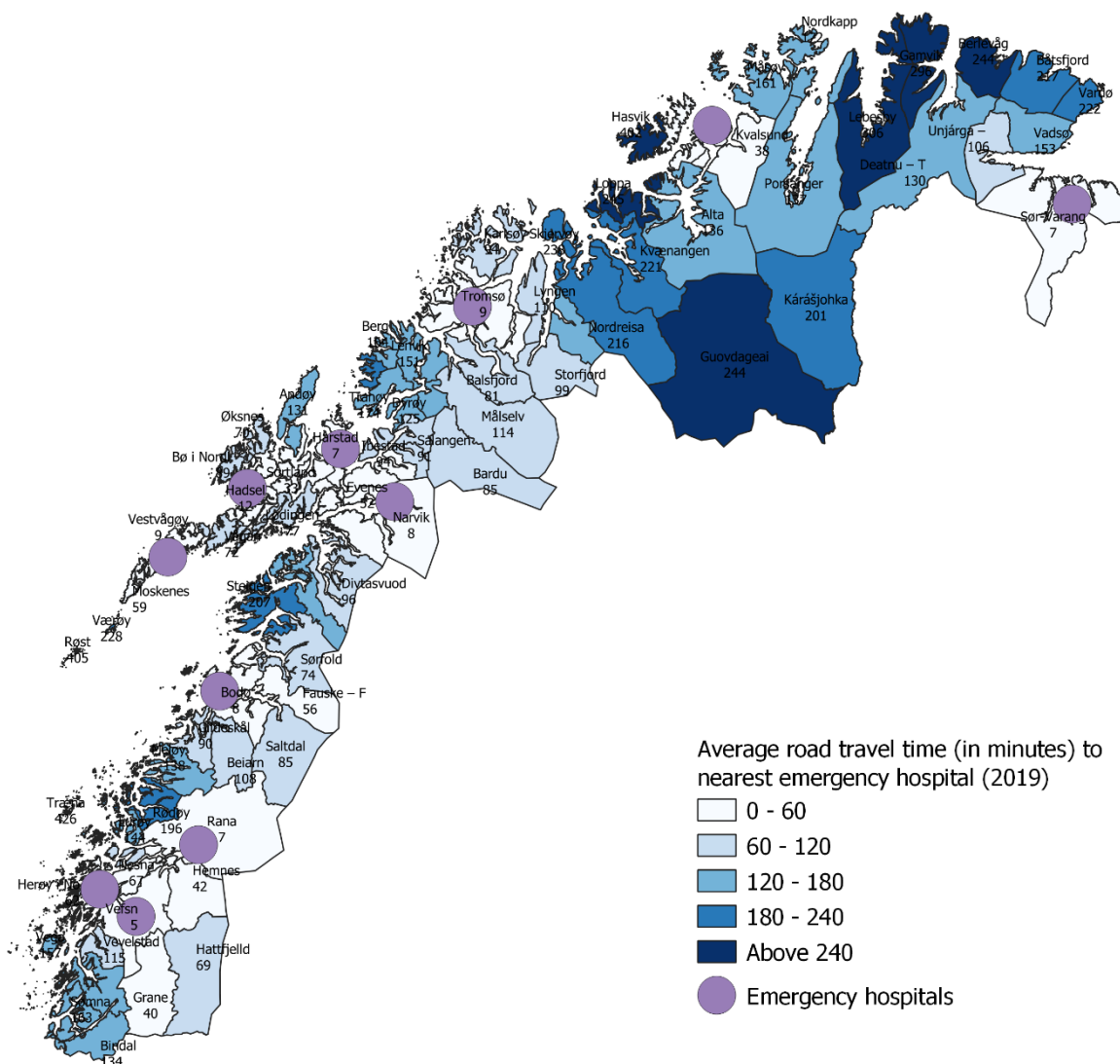


Figure 11: Average road travel time (in minutes) to nearest emergency hospital in 2019, and placement of emergency hospitals. Sources: NORCE, Statistics Norway (travel time), Ministry of Health and Care Services (emergency hospital locations) and the Norwegian Mapping authority.

	Norway	Nordland	Troms&Finnmark
Overweight (>25 BMI), 1st military muster, 2016-2019	22 %	28 %	29 %
Smoking, adults, 2015-2019	10 %	11 %	13 %
Cardiovascular diseases, hospitalized or death, 2016-2018, per 1000	17,4	18,4	19,0

New cancer cases, per 100 000, 2009- 2019	Skin cancer	74	50	52
	Lung cancer	59	60	66
	Breast cancer	63	57	55

Table 14: Disease and lifestyle comparisons between northern Norway and Norway. Sources: NORCE, Norwegian Institute of Public Health.

	Norway	Nordland	Troms&Finnmark
Disability benefits, 2020	10,5 %	13,9 %	11,5 %
Sick leave, 2020K2	5,7 %	7,0 %	6,4 %
Completion of upper secondary school in normed time, 2013-2019	64,4 %	55,5 %	57,7 % (Troms) 47,5 % (Finnmark)

Table 15: Measures of exclusion. Sources: NORCE, NAV, Statistics Norway.

6. Infrastructure and connectivity

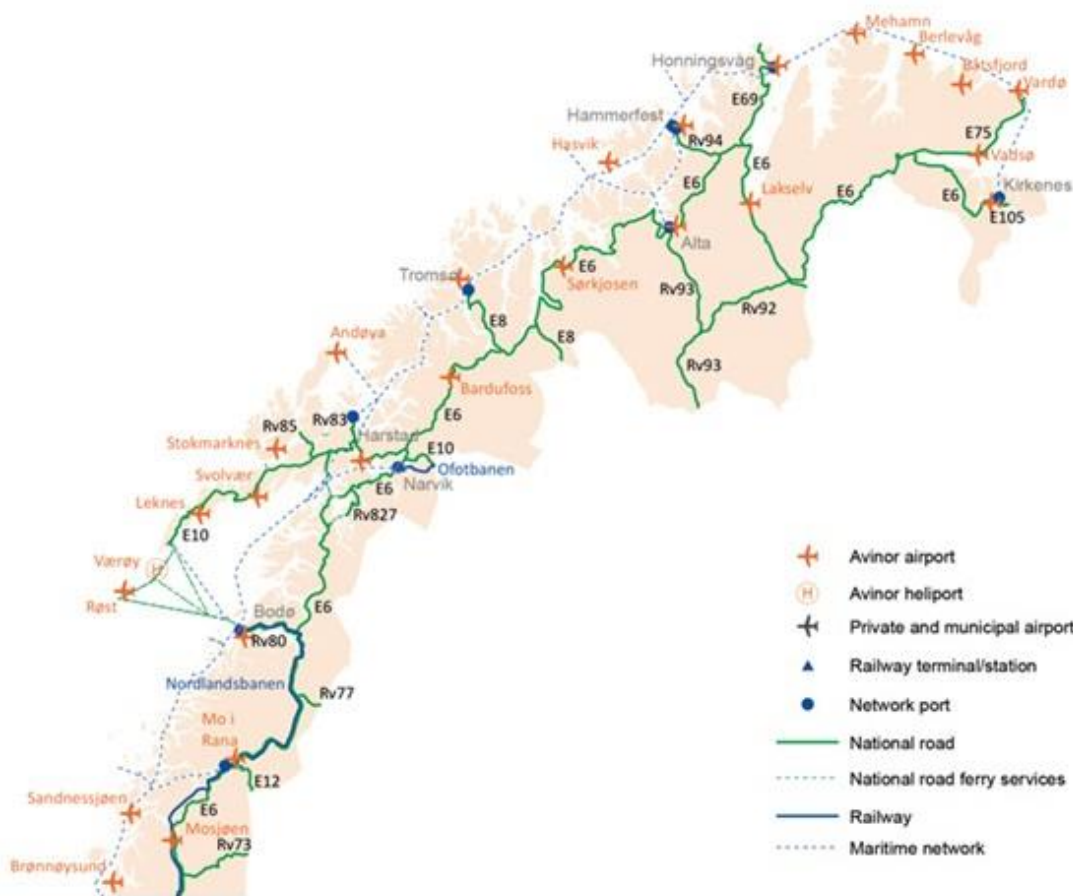


Figure 12: Infrastructure in northern Norway. Source: Norwegian Ministry of Transport and Communications, Meld. St. 33 (2016–2017) Report to the Storting (white paper), p.9.

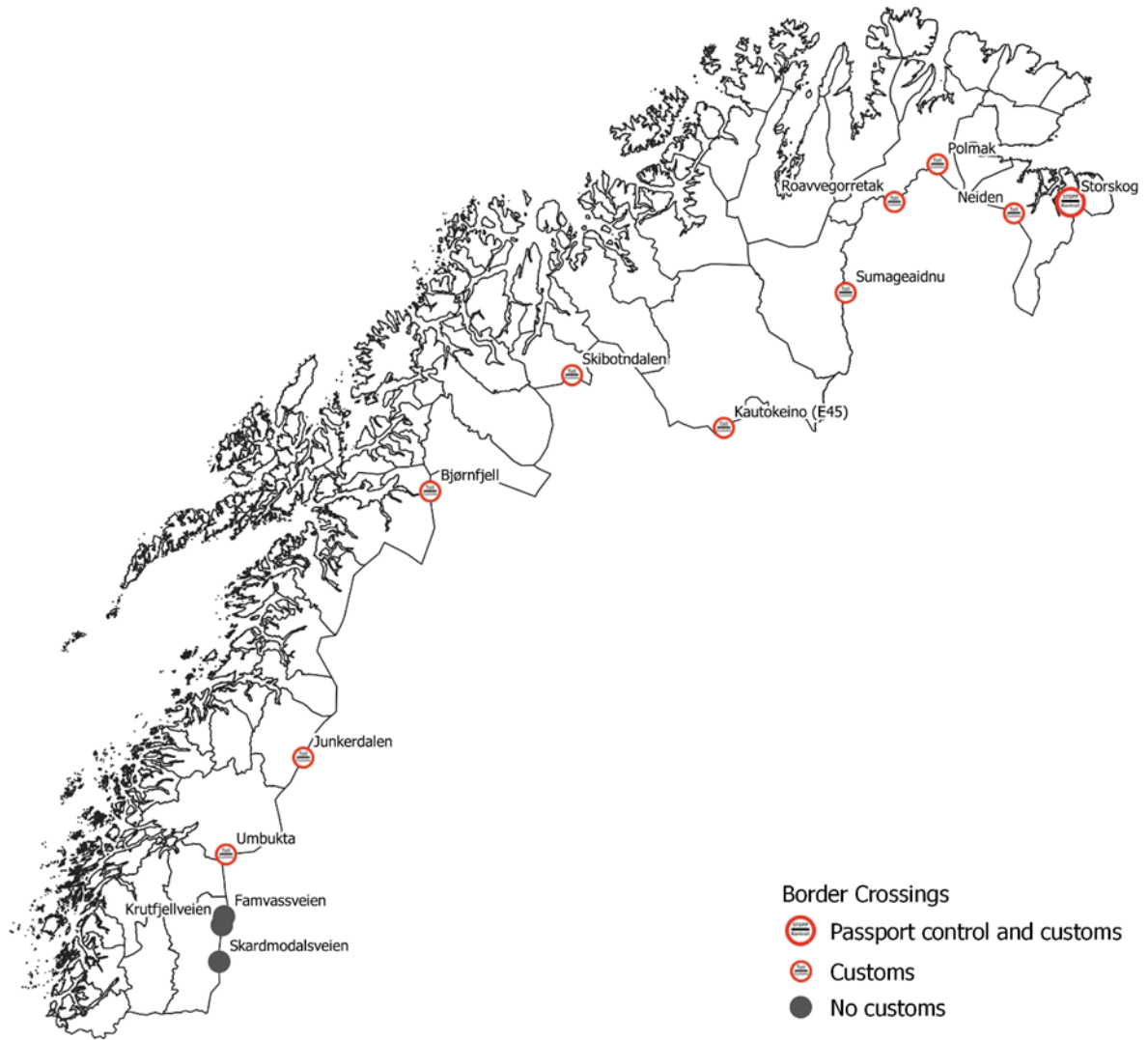


Figure 13: Border crossings between Northern Norway and Russia, Finland and Sweden (roads without gates or barriers between the countries). Sources: NORCE, The Norwegian Mapping Authority.

7.Sámi area

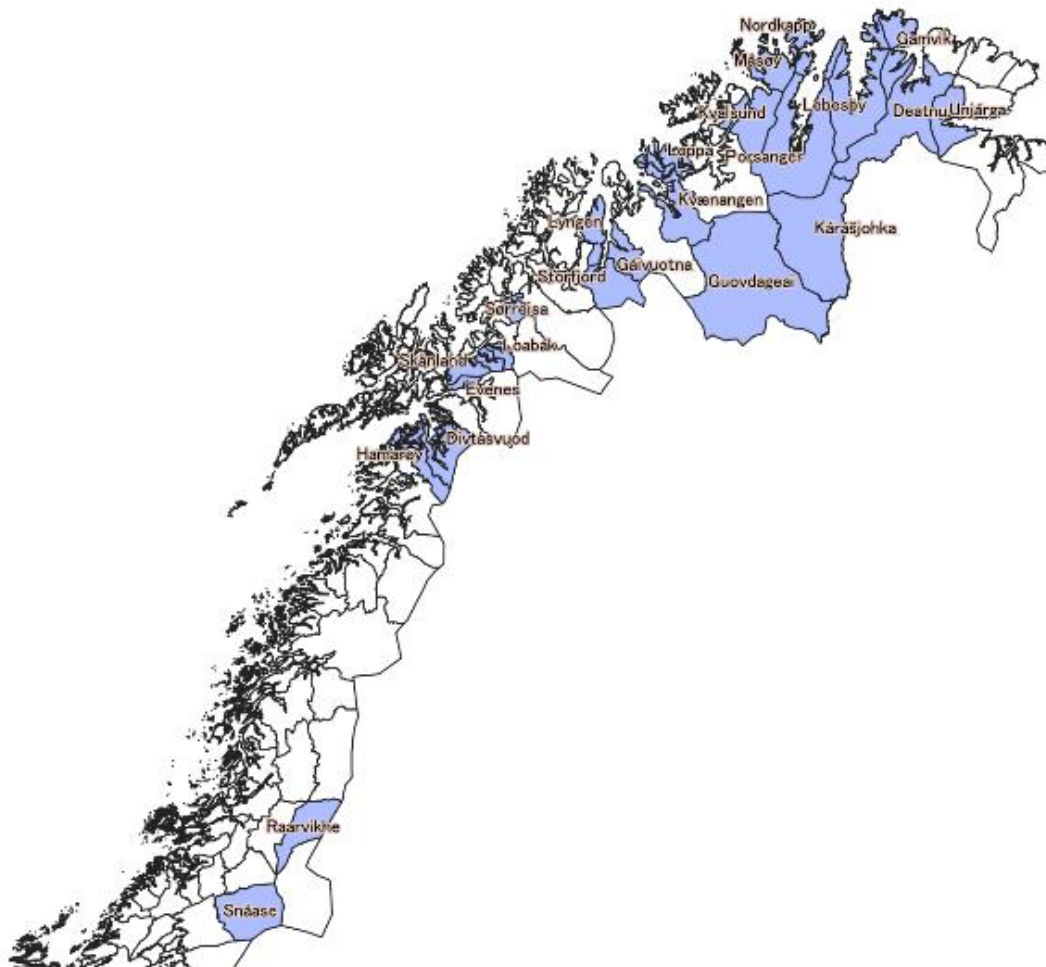


Figure 14: Sami Area, used by Telemarksforskning

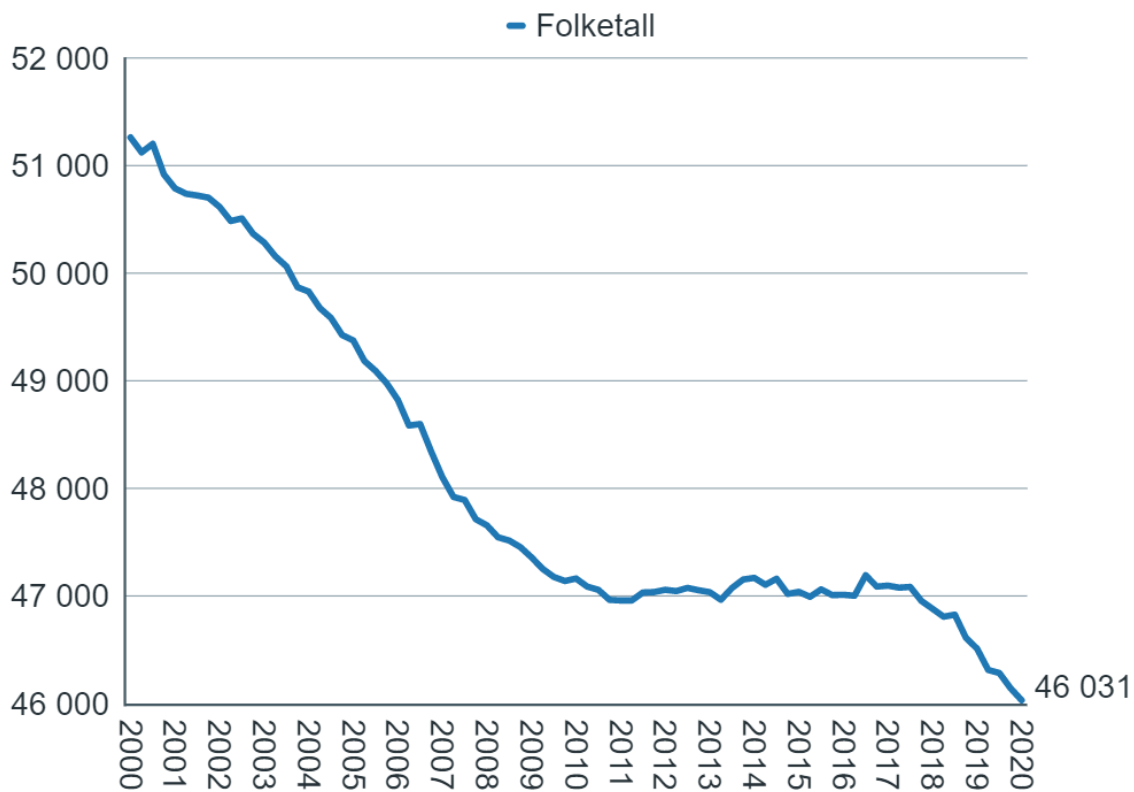


Figure 15: Demographic development, Source: Telemarksforskning 2019

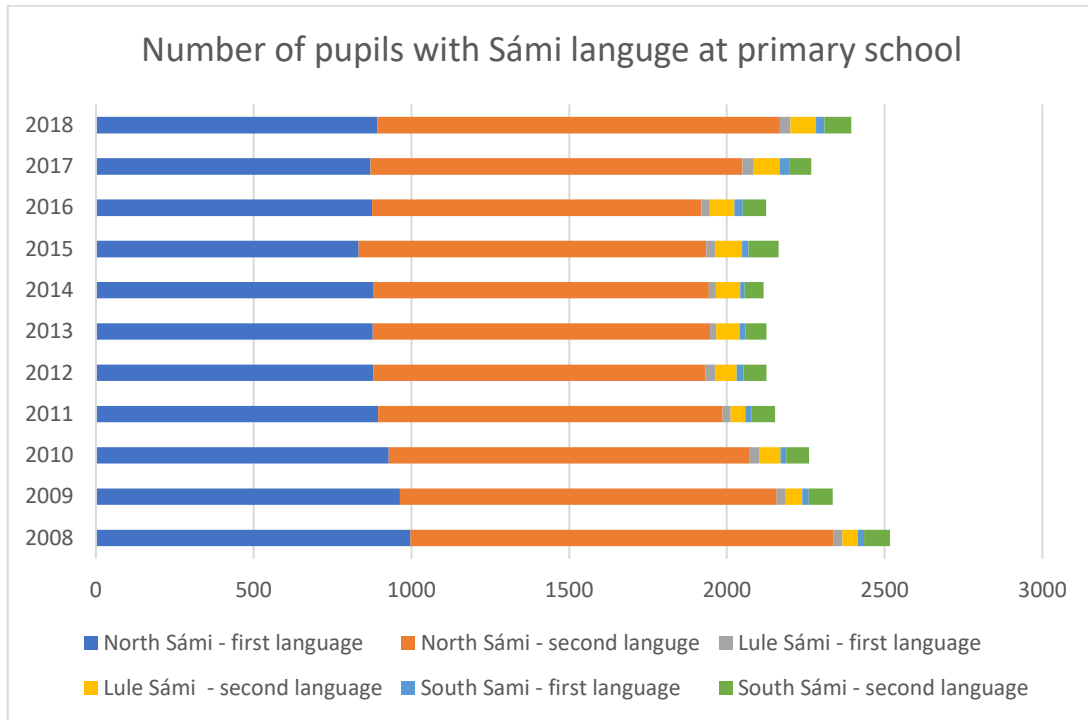


Figure 16: Pupils at primary school with Sami language, Source: SSB and UDI

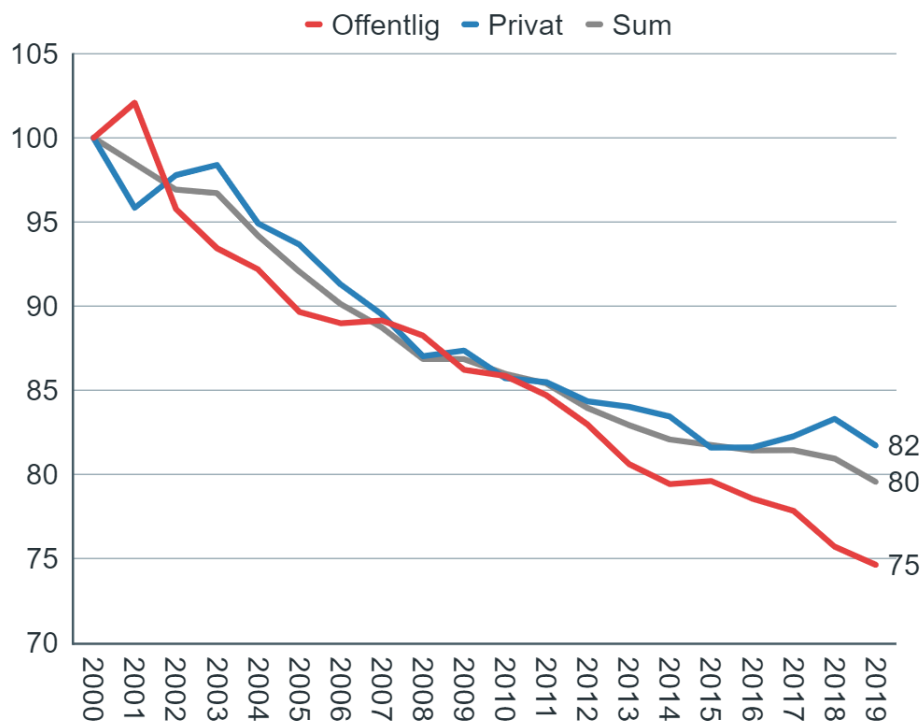


Figure 17: Development of workplaces in Public and Private sector + total in Sámi Area. Changes from 2000 (Telemarksforskning 2019).

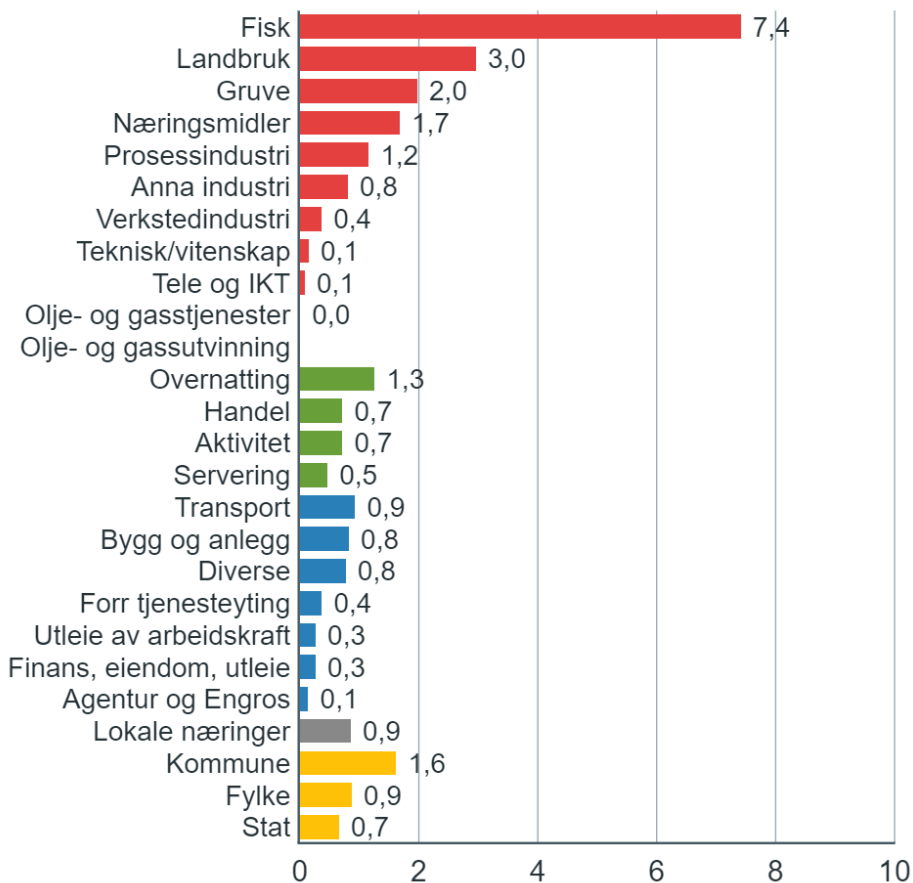


Figure 18: Location quotient for different industries in Sámi Area in 2018 (Telemarksforskning, 2019)

8. Smart specialisation

Energy and petroleum	Seafood- provide maintenance and fabrication (spare parts)
Construction business	Digitalization - visualize activities, work processes, planning tools Petroleum – inspection and maintenance Tourism - digital tools
Extraction and minerals	Construction business – build-up phase, road and tunnel works, use of mass/waste Petroleum – automation, control systems Energy – electrification, battery-driven construction, machinery
Arctic bioeconomy	Tourism - tour packages with fishery, fish farming and fish-processing industry Digitalization – automation of processing of fish, use of big data Energy – electrification of fishery fleet, transport
Experience-based tourism	Local food production: reindeer meat, fish, agriculture Digitalization: Reaching new markets with smart digital solutions, communication with clients

Table 16: Areas of synergy and regional & international cooperation (Finnmark County Council 2019).