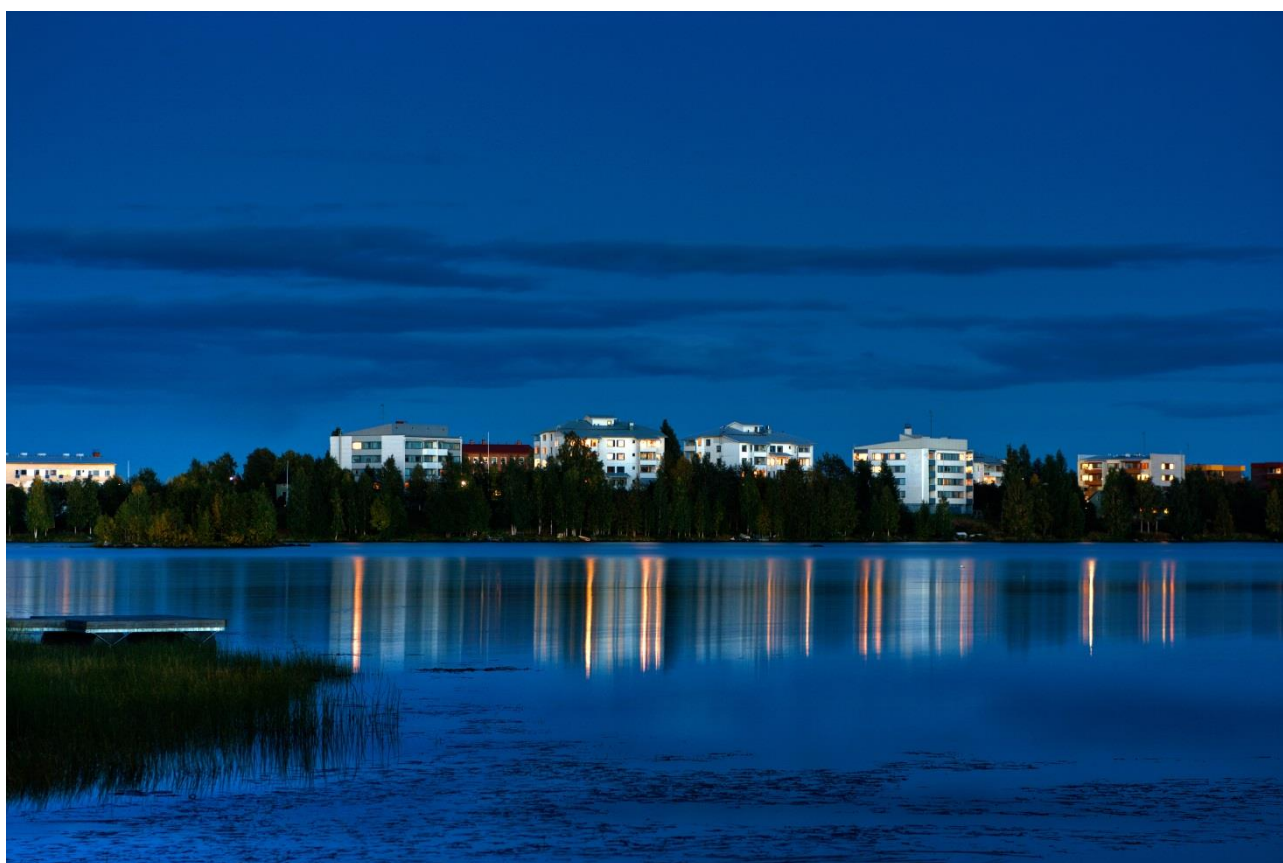




MOVER'S GUIDE



Contents

NORTHERNMOST CITY OF FINLAND.....	3
KEMIJÄRVI BUSINESS SERVICES.....	4
DISTANCES.....	5
CUSTOMER SERVICE COUNTER SORTTEERI.....	7
KEMIJÄRVI TOURIST INFO	7
KEMIJÄRVI CITY ADMINISTRATIVE COURT	8
POST OFFICE K-SUPERMARKET KEMIJÄRVI	8
KOILLIS-LAPIN SÄHKÖ (ELECTRICITY PLANT)	8
KEMIJÄRVEN LÄMPÖ- JA VESI (HEAT AND WATER)	9
WASTE MANAGEMENT	9
WASTE OF ELECTRICITY AND ELECTRONICS	9
HABITATION.....	9
THE VACANT LOTS.....	10
KELA.....	10
TRANSPORT SERVICES.....	11
DAY CARE AND EDUCATION	14
SOCIAL AND HEALTH SERVICES.....	16
FREE TIME	19
PHYSICAL SERVICES.....	20
RECREATION AREAS AND ACTIVITIES.....	22

NORTHERNMOST CITY OF FINLAND

From Finnish cities Kemijärvi is still the northernmost city. The City of Kemijärvi is surrounded by lakes, islands, hills and fjelds.

Width, night of the midnight sun, polar nights of the Arctic Circle and sparkling snow fascinates citizens and travelers.

City of fjelds in Lapland, in the light of the northern lights and surrounded by watercourses offers citizens and travelers possibilities for hobbies and free time around the year.

The City of Kemijärvi is located in the middle of Kuusamo and Rovaniemi airports, in the course of two main roads and in the end of railway.

There are five ski resorts just 0,5 – 1,5 hour drive away from Kemijärvi.

- Suomu
- Pyhä-Luosto
- Salla
- Ruka

Kemijärvi general knowledge

Economic structure

- | | |
|--------------------------------------|------|
| • Agriculture and forestry | 7 % |
| • Industry | 12 % |
| • Construction | 4 % |
| • Trade | 12 % |
| • Accommodation and nutrition | 3 % |
| • Transport and communications | 6 % |
| • Finance, insurance and real estate | 2 % |
| • Social and personal services | 54 % |

Citizens	7 612 (21.8.2017)
Area	3930,91 km ² , watercourses 425,94 km ²
Density	2,17 citizens/km ²



Township	1957
City	1973
Consolidation of local government areas	Kemijärvi/rural commune 1973

City manager	Atte Rantanen
Chief development officer	Tuula Kuvaaja
Personnel manager	Paula Alatalo
Areal director of services/Technical services	Markku Kankaanranta
Areal director of services/Welfare services	Juha Narkilahti
Areal director of services/Administration and support services	Marjo Säärelä
Chairman of the town board	Lea Koskela
Chairman of town council	Veikko Niemelä

KEMIJÄRVI BUSINESS SERVICES

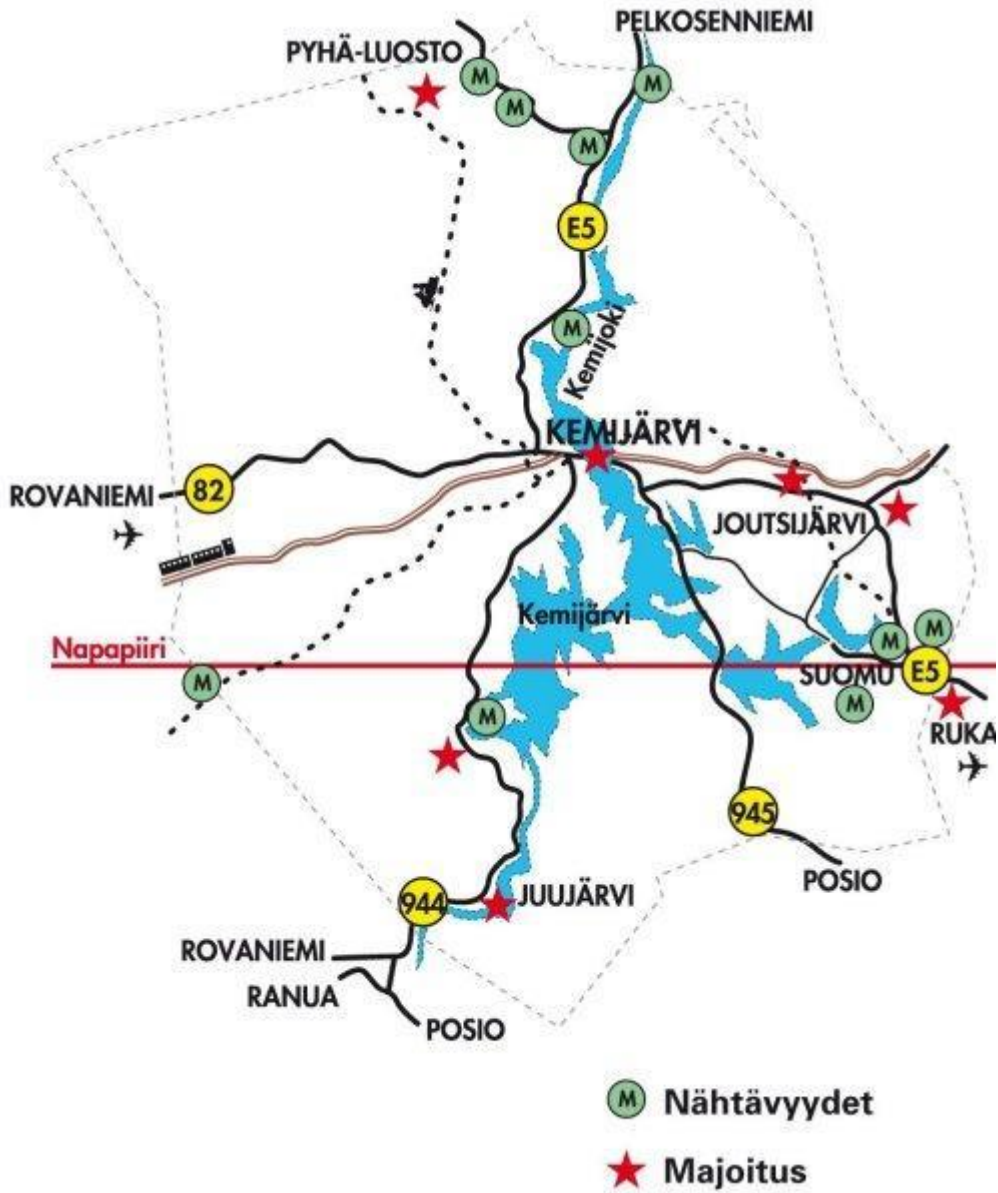
Kuumaniemenkatu 2 A
98100 Kemijärvi
firstname.surname@kemijarvi.fi

Head of department	Jari Polvi	tel. 040 734 4152
Business Advisor	Soile Matero	tel. 040 838 6049
Project Manager	Ilkka Iso-Heiko	tel. 040 355 7381
Secretary of countryside	Markku Heikkilä	tel. 0400 128 986

DISTANCES

Suomun tourist attraction	41 km
Pyhä-Luosto	48 km
Salla	68 km
Sallatunturi	78 km
Salla reindeer park	81 km
Salla border crossing	85 km
Rovaniemi airport	85 km
Ruka tourist attraction	118 km
Kuusamo airport	148 km
Sodankylä	110 km
Ranua Zoo	137 km
Posio Pentik	148 km
Auttiköngäs	66 km





CUSTOMER SERVICE COUNTER SORTTEERI

Sortteeri is customer service counter of the City of Kemijärvi, where you can find information and service, and guidance to specialists, when needed.

Street address	Vapaudenkatu 8, first floor
Post address	Kemijärven kaupunki Palvelupiste Sortteeri Vapaudenkatu 8, PL 5 98100 KEMIJÄRVI
Opening hours	9 – 15.30 on weekdays
Telefax	+358(0)16 815 568
E-mail	sortteeri@kemijarvi.fi Personal e-mail firstname.surname@kemijarvi.fi

KEMIJÄRVI TOURIST INFO

Kemijärvi Tourist Info will help and guide you with everything that is associated with your holiday. From Tourist Info you can find information about accommodation, attractions and places to visit.

Address	Kuumaniemencatu 2 A
Business hours	9 – 15.30 on weekdays
E-mail	info.visit@kemijarvi.fi
Tel.	040 189 2050

Secretary of tourism Ann-Christine Lampela	
E-mail	ann-christine.lampela@kemijarvi.fi
Tel.	040 825 4997

Visit our website www.visitkemijarvi.fi and Facebook Kemijärvi – Taivaantulet.



KEMIJÄRVI CITY ADMINISTRATIVE COURT

Kemijärvi city administrative court handles **only notifications of change of addresses**. You can do notification of change of address to city administrative court and to the post office from [this link](#).

Customer service is located in Lapland administrative court in Rovaniemi. You can e-mail confidential information to city administrative court from [this link](#).

Telephone service is open from Monday to Friday 9 am to 4 pm.

Address	Kirkkokatu 16, 98100 Kemijärvi
Telefax	029 553 9299
E-mail	info.kemijarvi@maistraatti.fi

POST OFFICE K-SUPERMARKET KEMIJÄRVI

Contact information:

Address	Kirkkokatu 5, 98100 Kemijärvi
Tel.	+358 (0)16 812 001
Opening hours	From Monday to Saturday 7 am to 9 pm, on Sundays 10 am to 9 pm

KOILLIS-LAPIN SÄHKÖ (ELECTRICITY PLANT)

Contact information:

Address	Annaliisankatu 4, 98100 Kemijärvi
Business hours	From Monday to Friday 8 am to 4 pm
Customer service Koillis-Lapin sähkö Oy	tel. 040 825 0064
Service advice Koillis-Lapin sähkö Oy	tel. 016 821 896



KEMIJÄRVEN LÄMPÖ- JA VESI (HEAT AND WATER)

Contact information:

Water department	Juha Kumpula	tel. 040 029 6863
Invoicing	Anne Vihriälä	tel. 040 564 4173
Service advice	Heat department	tel. 0400 391976
	Water department	tel. 040 5250 935
General manager	Ari Pöyliö	tel. 040 596 1807

WASTE MANAGEMENT

Notification of change of address and other notifications, invoices, guidance, et cetera [here](#).

9 – 15.30 on weekdays, this telephone number has no short message.

Customer service: tel. 040 3511 771, fax. 016 636 033

E-mail: asiakaspalvelu@lapeco.fi

WASTE OF ELECTRICITY AND ELECTRONICS

Contact information:

General manager	Reijo Kuvaja, tel. 040 738 7531
Address	Teollisuustie 4, 98310 Kemijärvi
Business hours	7.30 am to 3.30 pm on Weekdays

HABITATION

Kemijärvi rental apartments Kemijärven Roikka Oy:
accommodation broker, house managing and janitorial service

Address	Annaliisankatu 4, 98100 Kemijärvi
Business hours	From Monday to Friday 9 am to 3.30 pm (closed on lunch hour 12 - 1pm)
Customer service	tel. 040 359 2381
Real estate service	tel. 040 514 3721



THE VACANT LOTS

The lots are near by the City and further away from sparsely populated areas.

The City of Kemijärvi / Land use

Address	Vapaudenkatu 8 B
	98100 Kemijärvi
Contact information	Tapio Pöyliö
	Tel. 040 525 0924
	E-mail tapio.poylio@kemijarvi.fi
Contact information	Head of municipal engineering
	Markku Koivisto
	tel. 0400 693 297
	E-mail markku.koivisto@kemijarvi.fi

Building permits

Address	Vapaudenkatu 8
	98100 Kemijärvi
Surveyor	Pekka Niemelä
	tel. 0400 203 257
	E-mail rakennusvalvonta@kemijarvi.fi

KELA

Kela gives basic security in different situations of life for those who are living in Finland. Kela's clients are all of them, who belong to the Finnish social security system.

Opening hours: from Monday to Friday 10 am to 3 pm (closed on lunch hour 12 - 1 pm). On Wednesday customer service open only by appointment.

Address: Vapaudenkatu 10-12, 98100 Kemijärvi



TRANSPORT SERVICES

Connecting services to Suomu

Timetable (every day if needed) 1 Dec 2017 – 30 Apr 2018

Transport from the morning train / to the evening train. The train arrives from Helsinki to Kemijärvi at 9:00 and departs from Kemijärvi to Helsinki at 19:40. If there is a delay and you are unable to make it to the scheduled departure of the service, please notify the driver of the taxi waiting next to the sign at the train station.

<u>Departure</u>		<u>Return</u>
9:00	Kemijärvi railway station	19:10
9:05	Kemijärvi bus station	19:05
9:40	Suomu (Hotel Suomutunturi)	18:30

If the morning train is late from schedule, the transport service waits until the train arrives. The transport service is provided by Kemijärven Taksikeskus Oy.

Public transport services

All busses leave from ABC-gas station, where Würth Oy is located.

Tel. 010 308 5850, address Pajulantie 2, 98100 Kemijärvi

You can buy travel cards and city tickets from **Sortteeri** (tel. 020 690 810, Vapaudenkatu 8, first floor).

The City ticket is a personal smart card, which entitles limitless amount of trips in the area of the City of Kemijärvi (zone 1 and 2).

- The City ticket is valid for 30 days from the day of purchase

Zone 1 (local traffic area): City center, Särkikangas, Pöyliövaara, Sipovaara, Kallaanvaara, Tohmo, Leväranta, Puikkola, Isokylä, Soppela, Kostamo, Perävaara, Patovaara, Ruopsa, Halosenranta, Kelloniemi and Ketola.

Zone 2 (non-local traffic area): Autioniemi, Vuostimo, Tapionniemi, Javarus, Oinas, Joutsijärvi, Tonkopuro, Suomutunturi, Räisälä, Lehtola, Juujärvi, Luusua, Ulkuniemi, Hyypiö and Kalliosalmi.



Price of city ticket:

Zone 1	Zone 2
45 € for adults	60 €
30 € for 12 to 18 year old children	
22 € for 5 to 11 year old children	

You can check timetable of local traffic [here](#) and maps [here](#).

Service traffic

You can check service traffic timetable [here](#).

What is service traffic in Kemijärvi?

- Regular traffic shifts and bus taxis for everyone
- From Monday to Friday, apart from holy days
- Equipment by customer's wishes
- Driver helps to get into the car, if needed
- Timetables permits personal service
- Car can differ from the regular route if needed
- If there is no regular timetable for the return transport, it must be agreed with the driver

Anyone can use service traffic. Price for service traffic is the same as for bus. The taxi must be ordered the day before by 3 o'clock calling to taxi service number **040 751 7484**.

Traffic contractors of the City of Kemijärvi

- [Gold Line Oy](#)
- [Ketosen Liikenne Oy](#)
- [Liikenne Peltoperä Oy](#)
- [Möllärin Linjat Oy](#)
- [Tilausliikenne Kosti Tervola Oy](#)

National train, bus and walking connections [here](#).



Ilkka Iso-Heiko in cooperation with transport workgroup and city's traffic contractors answers for planning and care of intrazonal public transport and transport in the Kemijärvi City area.

Project Manager	Ilkka Iso-Heiko
Tel.	040 355 7381
E-mail	ilkka.iso-heiko@kemijarvi.fi
Street address	Toritalo, Kuumaniemenkatu 2, 98100 Kemijärvi
Post address	Kemijärven kaupunki, Elinkeinopalvelut, PL 5, 98101 Kemijärvi

Kemijärvi traffic contractors contact information

Ketosen liikenne Oy	
Website	www.ketosenliikenne.fi
E-mail	kemijarvi@ketosenliikenne.inet.fi
Tel.	0400 915 711
Address	Kirkkokatu 3, 98100 Kemijärvi

Möllärlinjat Oy	
Website	www.mollarinlinjat.fi/en
E-mail	info@mollarinlinjat.fi
Tel.	016 821 164
Address	Pelkosenniementie 82, 98120 Kemijärvi

Tilausliikenne K. Tervola Ky	
Website	www.liikennetervola.fi/engl/home/home.html
E-mail	ktervola@liikennetervola.fi
Tel.	0400 397 506
Address	Koulukatu 7, 98120 Kemijärvi

Rukahuolto Oy / Rukabussit	
Website	www.rukahuolto.fi/en
E-mail	esa.rontti@rukahuolto.fi



Tel.	(08) 868 1700
Address	Riutanpää 1, 93830 Rukatunturi

Kemijärven TAKSI	
E-mail	taksikemijarvi@pp.inet.fi
Tel.	0200 99 300
Address	Annaliisankatu 9, 98100 Kemijärvi

DAY CARE AND EDUCATION

Day care office

Vapaudenkatu 8 B, third floor
98100 Kemijärvi
Business hours from Monday to Thursday 9 am to 11 am, 12 pm to 3 pm
Fax 016 815 548
E-mail firstname.surname@kemijarvi.fi

Head of early childhood education

Marja-Leena Karjalainen
Tel. 040 861 6486

Day care invoicing

Office secretary
Hannele Jaakkola
Tel. 040 487 2407

The law of the day care provides children under school age a right to local day care. Alternatively children under age of three have a right for home care financial support.

Day care is organized in the day cares and in day cares in private families.

Day care offers full and part time care, shift care, special care, temporary care, morning and afternoon activity for children in school, and preschool.

Playing is the most important operation of day care.



Learning in early childhood is part of a lifetime long learning circle. The most important basis of learning is interaction between children and adult and interaction between children. Upbringing is very process-like and it takes to the account the children's whole growth milieu.

We do a plan of early childhood education and preschool education individually for every child in cooperation of the staff and parents.

Kemijärven day cares

Jyvälanpuisto Värjärintie 4	
	Hanna Hermunen 040 759 5764
	Preschool 040 480 7306
	Morning and afternoon activity 040 637 3976
Kallaa Kallaantie 20	
	Sinikka Lampela 040 168 2699
	Preschool 040 572 0282
	Morning and afternoon activity 040 167 7133
Särkelä Heikinkatu 8	
	Helena Ruha 040 725 1079
	Preschool 040 354 9082
	Morning and afternoon activity 040 033 0821

Lower and upper level

Classes 1 to 6

Särkelä school

Address Lepistöntie 1, 98120 Kemijärvi

Tel. 040 571 0227, 040 707 4878

Principal Teija Varrio-Majava

E-mail firstname.surname@kemijarvi.fi

Classes 1 to 9

Hillatie school

Address Hillatie 6, 98100 Kemijärvi
Tel. 040 539 9638
Principal Ilpo Tervonen tel. 040 589 1342
E-mail firstname.surname@kemijarvi.fi

Isokylä school

Address Koulukuja 15, 98400 Isokylä
Tel. 040 703 3859
Principal Karoliina Hofmann, tel. 040 539 7572
E-mail firstname.surname@kemijarvi.fi

Senior high school

Address Hillatie 6, 98100 Kemijärvi.
Principal Ilpo Tervonen tel. 040 589 1342, e-mail ilpo.tervonen@kemijarvi.fi

Vocational school

In Redu Kemijärvi campus you can study as practical nurse, builder, forest worker and commercial.

Address Myllylammentie 23, 98120 Kemijärvi. Student adviser's office tel. 020 798 5013.

SOCIAL AND HEALTH SERVICES

The City of Kemijärvi
Social and health department
PL 5, 98101 Kemijärvi
Street address: Vapaudenkatu 8 B, second floor, 98100 Kemijärvi

From Kemijärvi website you can get counseling online. From www.kemijarvi.fi you can also find forms for social and health services that needed.



Social and health services include:

- Services for aged persons
- Family services
- Social services
- Health services
- Services for disabled

Hospital Lapponia

From Monday to Sunday 8 am to 9 pm
Tel. 020 690 879, fax. 016 815 233
Address Sairaalakatu 9, 98100 Kemijärvi

During night time:

From Monday to Sunday 9 pm to 8 am
Lapland's central hospital's emergency room
Tel. 016 322 4800
Address Ounasrinteentie 22, 96101 Rovaniemi

IN CASE OF EMERGENCY, PLEASE CALL 112

Appointments tel. 020 690 860

Rehabilitation services

Business hours: from Monday to Thursday 8 am to 4 pm, on Fridays 8 am to 2 pm.

Contact information:

Physiotherapist	Anne Hietanen	tel. 040 481 4351
Physiotherapist	Marja-Liisa Kivelä	tel. 040 569 3686
Physiotherapist	Tuulikki Kellokumpu	tel. 040 756 5479/discharge
Physiotherapist	Mirja Mikkola	tel. 040 569 3568/home care
Physiotherapist	Merja Myllykoski	tel. 040 481 4468/Puistola



Laboratory

Sampling open: from 8 am to 3 pm on weekdays. Laboratory does not take blood samples and urine samples thirty minutes before laboratory's closing time.

Contact information:

Laboratory office	040 481 4186
Head nurse	040 718 6542
Chemist	040 767 6814
Fax	016 815 578

Guidance centers

Family planning guidance

Center – Luusua – Kallaanvaara – Isokylä – Oinas – Lehtola – Räisälä
Tarja Ojanen tel. 040 586 0204
Särkikangas - Hyypiö – Tapionniemi – Vuostimo
Kirsti Peltoniemi tel. 0400 245 685

Maternity clinic services

Center – Luusua – Kallaanvaara – Isokylä – Oinas – Lehtola – Räisälä
Tarja Ojanen tel. 040 586 0204
Särkikangas - Hyypiö – Tapionniemi – Vuostimo
Kirsti Peltoniemi tel. 0400 245 685

Child welfare clinic

Keskusta – Luusua – Särkikangas – Hyypiö – Tapionniemi – Vuostimo
Karoliina Grööttilä tel. 040 767 7158
Kallaanvaara – Isokylä – Lehtola – Räisälä – Oinas
Anu Rae-Lahtela tel. 0400 245 196

Dental clinic

Dental clinic Lapponia ache duty tel. 040 547 9013

Address Luusuantie 15, 98100 Kemijärvi



Dental clinic Lapponia appointment		
Dentist	Laura Alaräisänen	040 481 4591
Dentist	Tiina Haavisto	040 481 2376
Dentist	Vuokko Knuuti	040 481 4495
Dentist	Yulia Parfenova	040 481 2386
Senior dentist	Timo Alaräisänen	040 481 4523
Head nurse	Marja Rae-Särkelä	040 481 4523
Dental hygienist	Marja-Liisa Lahtela	040 481 2387

FREE TIME

Kemijärvi Cultural Center

Address Hietaniemenkatu 5, 98100 Kemijärvi

Kemijärvi Cultural Center is located next to beautiful Pöyliöjärvi. In the Cultural Center is library, youth center, culture hall and office, cafeteria, exhibition space and media center.

Library

Library is open from Monday to Wednesday 10 am to 7 pm, Thursday and Friday 9 am to 5 pm, Saturdays 9 am to 3 pm. Library customer service tel. 040 746 0267



Eastern Lapland academy of music

Office opening hours from Monday to Friday 8.30 am to 11 am and 11.30 am to 15.30 pm.

Contact information:

Principal Pirkko Paananen-Vitikka	tel. 040 576 2243
Secretary Anitta Mourujärvi	tel. 040 746 7966
Teachers (Kemijärvi)	tel. 040 776 9574
Teachers (Salla)	tel. 040 826 8993
Teachers (Pelkosenniemi/Savukoski)	tel. 040 682 8824

PHYSICAL SERVICES

Sports hall

Address Särkeläntie 8 – 10, 98120 Kemijärvi.

Business hours: Monday to Friday 8 am to 9 pm (closed on holy days)

- Hall space 874m² (can be divided into three separate spaces: each of them can be used for example for full-length volleyball field)
- Space for track and field sports 570m² (four 60 meters long running tracks)
- Space for gymnastics 243m² / somersault pit and track
- Aerobic hall 170 m²
- Gym 116m²
- Classrooms 87m²
- Cafeteria (used only on special occasions)

Contact information:

Physical education instructor	Harri Väiliranta	tel. 0400 204 211
Hall's evening supervisor		tel. 040 537 6380



Poukama Spa

[More information here.](#)

Services: a competition pool, a teaching pool, a wading pool, a playing pool, a therapy pool, a Turkish bath, saunas, gyms, cafeteria and ice swimming.

Contact information:

E-mail:	poukama@kemijarvi.fi
Tel.	+358 (0)40 776 9411
Address:	Värjärintie 6, 98100 Kemijärvi

Ice Rink

[More information here.](#)

Time on the ice is also available in the summer. Wirta-areena has also four curling sheets.

Contact information:

Tel.	General manager Harri Väiliranta 0400 204 211
Address	Pelkosenniementie 34, 98120 Kemijärvi
Business hours	from Monday to Friday 1 pm to 9 pm.
Price	90€ per hour.

Pöyliövaara sports ground

[More information here.](#)

In the winter, the sports ground marks the beginning of 1-, 2-, 3- and 5-kilometre skiing tracks and the lit Pöyliövaara - Pitkävaara ski track (8km).

Although the terrain is demanding, in the summer these tracks are suitable for walking and running.



Contact information:

Address	Urheilukatu 16, 98100 Kemijärvi
Heikki Autio	tel. 040 824 9604
Pekka Sattanen	tel. 040 809 5150
Jouko Ketola	tel. 0400 296 869

RECREATION AREAS AND ACTIVITIES

Ski tracks and sawdust tracks

- Pöyliövaara skiing tracks

From competition skiing tracks only 1 km ski track is lit. On 1 km ski track it is possible to ski either classic or freestyle skiing.

- Peurakangas skiing tracks

In Peurakangas there are 5-, 10- and 15-kilometre skiing tracks. Skiing tracks are suitable for classic and freestyle skiing. Skiing tracks are not lit. 5- and 15-kilometre tracks have lean-tos.

- Sipovaara – Kallaanvaara ski track

Ski track is lit and it is suitable for classic and freestyle skiing. In the summer, the ski track is suitable for walking and running.

- Särkikangas ski track 1,6 km

Ski track is suitable for classic and freestyle skiing. In the summer, the ski track is suitable for walking and running.

- Pöyliöjärvi classic ski track

Pöyliöjärvi classic skiing track is 10,5 kilometre long. Ski track is fit for use from January to the start of April.

Snow mobile routes

In the Kemijärvi area, there are 200 kilometres official marked snowmobile routes.

- Pyhä route passes through Pyhä – Luosto area, and goes all the way to Pelkosenniemi, Sodankylä and Savukoski.
- Suomu route has connections to Salla, and from Salla it continues to Ruka and Kuusamo.
- Rovaniemi route

Snowmobile route Rovaniemi – Kemijärvi – Suomu is part of the international “White sea” snowmobile route.

Hiking & nature trails

More information: <https://www.visitkemijarvi.fi/en/activities/hiking-nature/>

- Arctic Circle route
- Kotavaara Observation Tower
- Geological nature trail
- Kalkiaisvuopaja bird tower
- Kulmunginniemi bird tower
- Kuumalampi park
- Oinas village path
- Ulkuniemi nature track
- Ämmänvaara track
- Kemijärvi-Pitkävaara mountain bike trail
- Honkakangas forest trail
- Juuvaara track
- Suomu outdoor tracks

Sights

Kemijärvi Artist Residence

Open for audience when there are exhibits and events.
Founder Artist U.K. Kärri

E-mail	posti@kemijarvi-artistresidence.fi
Tel.	+358 40 579 1644
Website	https://www.kemijarvi-artresidence.fi/indexeng.htm
Address	Kuumaniemenkatu 5, 98100 Kemijärvi

Puustelli Art Center

E-mail	posti@kemijarven-kuvanveistoviikot.fi
Tel.	+358 (0)40 579 1644
Website	http://www.kemijarven-kuvanveistoviikot.fi/indexeng.htm
Address	Lepistöntie 19, 98120 Kemijärvi

Snowmobile museum

The Snowmobile and Sawmill Museum in Kemijärvi has a unique collection of snowmobiles from the past to the present day.

Open according to reservation.

Address	Varastotie 11, 98100 Kemijärvi
Website	http://moottorikelkkamuseo.fi/

Contact information:

Ari Piirainen	Tel. +358 40 5902 704
Matti Grööttilä	Tel. +358 400 232 512
Juha Peltoniemi	Tel. +358 40 5475 795



Museum of Local History

Explore the life of villagers and traditional lifestyle of the 18th century. Main building, as well as sheds, smoke sauna, barn, garage and workshop are located in the museum area.

E-mail	posti@kemijarvenmuseo.com
Tel.	+358 40 5039 591, +358 45 8424 370
Website	http://www.kemijarvenmuseo.com/
Address	Sepänkatu 4, 98120

