

Distancier des UNV Alsace

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1 Création d'un distancier entre les communes d'Alsace et les UNV

Il y a quatre UNV en Alsace dans les communes de Haguenau, Strasbourg, Colmar et Mulhouse. L'UNV de Haguenau fonctionne par intermittence faute d'effectifs médicaux suffisants.

source méthodologique: [cartography](#) sur le site [RGeomatic](#).

1.1 Création des fichiers de base

On utilise:

- fichier des communes avec la geoloc du centre ville: **villes_alsace_gps.csv**
- fichier des geoloc des UNV: **UNV.csv** (Alsace et Lorraine)
- création de la matrice des temps (en mn) avec **osrmTableOD**. Cette fonction est limitée à 100 communes par appel => il faut prévoir une boucle pour toutes les faire.

Le fichier créé est enregistré au format *csv* (distancier_unv_alsace.csv) et le programme qui le crée est désactivé pour ne pas solliciter inutilement le serveur. En cas d'upgrade, il faudra le réactiver.

```

library(osrm)

file1 <- "villes_alsace_gps.csv"
file2 <- "UNV.csv"

villes <- read.csv(file1)
unv <- read.csv(file2)

# Certaines ville n'ont pas de coordonnées GPS. Sur les 907 communes, il en reste 861
villes2 <- villes[complete.cases(villes),]
# le nombre de requêtes est limité à 100

# colonne code_insee

n <- nrow(villes2)
d1 <- NULL
i <- 1
j <- 1
k <- 90
while(i < n){

  d <- osrmTableOD(villes2[j:k,], "nom_commune", xo = "longitude", yo = "latitude", dfd = unv, idd = "UNV",
    d1 <- rbind(d1, d)
    j <- k + 1
    k <- k + 90
    if(k > n)
      k = n
    i = k
  }
# une boucle supplémentaire pour les dernières villes
d <- osrmTableOD(villes2[j:k,], "nom_commune", xo = "longitude", yo = "latitude", dfd = unv, idd = "UNV", xd
d1 <- rbind(d1, d)

names(d1)[1] <- "ville"
write.csv(d1, file <- "distancier_unv_alsace.csv")

```

1.2 Communes manquantes dans le 67

[1] ANDLAU	BALBRONN	BOUXWILLER	BUHL
[5] CRASTATT	DRACHENBRONN-BIRLENBACH	EBERBACH-SELTZ	WANGENBOURG-ENGENTHAL
[9] GRIESHEIM-SUR-SOUFFEL	NEUGARTHEIM-ITTLENHEIM	JETTERSWILLER	KIRRWILLER
[13] MULHAUSEN	NEEWILLER-PRES-LAUTERBOURG	NEUVILLER-LA-ROCHE	BETSCHDORF
[17] OBERHOFFEN-LES-WISSEMBOURG	OBERMODERN-ZUTZENDORF	SEEBACH	RANRUPT
[21] ROPPENHEIM	SCHARRACHBERGHEIM-IRMSTETT	SCHWEIGHOUSE-SUR-MODER	SCHWENHEIM
[25] STUTZHEIM-OFFENHEIM	THAL-DRULINGEN	THAL-MARMOUTIER	WESTHOUSE
[29] WESTHOUSE-MARMOUTIER	WICKERSHEIM-WILSHAUSEN	ZOEBERSDORF	

Sélection de l'UNV la plus proche. On ajoute une colonne 'choix'. NB: le fichier d1 (communes + temps de trajet en minutes) a été créé à l'étape précédente.

1.3 Calcul des temps de trajet par commune

1.3.1 UNV d'Alsace (temps de trajet en minutes)

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Bartenheim	75.8	94.7	37.4	21.3
Diebolsheim	38.1	56.9	44.0	65.9
Rauwiller	49.1	45.2	91.1	114.2
Moosch	88.4	107.3	43.5	30.7
Strasbourg	6.4	23.0	52.5	75.6
Bernardswiller	23.2	42.1	35.5	58.6
Gerstheim	25.7	44.6	46.4	69.5
Meistratzheim	21.5	40.3	38.8	61.9
Dachstein	18.8	38.8	45.6	68.7
Duttlenheim	17.1	36.0	38.0	61.1
Fouday	48.6	67.4	52.9	76.0
Gresswiller	25.1	44.0	45.5	68.5
Marlenheim	16.5	36.5	52.1	75.2
Oberhaslach	33.8	52.7	54.2	77.3
Rothau	43.5	62.3	58.5	81.6
Solbach	51.2	70.1	55.5	78.6
Triembach-au-Val	37.3	56.2	29.4	52.5
Bischholtz	43.0	29.9	89.1	112.2
Bust	45.6	41.7	87.6	110.7
Durstel	52.4	48.5	94.4	117.5
Hohengoeft	24.8	30.6	59.0	82.1
Hohfrankenheim	22.7	19.9	71.0	94.1
Ringendorf	27.5	23.4	73.6	96.7
Schaffhouse-sur-Zorn	21.5	20.6	70.6	93.6
Siltzheim	64.9	61.0	106.9	130.0
Uttwiller	32.1	28.2	78.2	101.3
Waldhambach	58.9	54.9	101.2	124.3
Zittersheim	52.7	48.8	98.8	121.9
Gumbrechtshoffen	36.0	20.3	82.1	105.2
Ingolsheim	43.6	25.8	89.7	112.8
Lampertsloch	43.5	25.7	89.6	112.7
Rothbach	41.9	30.7	88.0	111.0
Schaffhouse-près-Seltz	32.3	29.2	78.4	101.5
Kaltenhouse	28.2	9.8	74.3	97.4
Stattmatten	28.1	25.0	74.2	97.3
Grussenheim	52.1	70.9	18.9	40.8
Aubure	58.9	77.8	30.2	56.9
Guémar	38.8	57.6	15.3	38.4
Lièpvre	43.7	62.5	30.5	53.6
Metzeral	73.0	91.9	27.0	57.7
Rombach-le-Franc	46.8	65.6	33.6	56.7
Rorschwihr	39.2	58.0	19.5	42.6
Sainte-Croix-aux-Mines	50.5	69.3	37.3	60.4
Soultzbach-les-Bains	61.1	79.9	15.0	45.7
Altenach	90.6	109.4	48.8	29.8
Eglingen	83.5	102.4	41.8	22.4
Oberlarg	107.1	126.0	68.7	46.3
Spechbach-le-Haut	81.1	100.0	39.4	17.8

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Koetzingue	83.1	101.9	44.7	13.5
Berrwiller	71.0	89.9	26.1	22.5
Hartmannswiller	70.0	88.9	25.0	21.5
Munchhouse	66.2	85.0	27.8	24.9
Niederhergheim	53.3	72.2	14.9	26.6
Entzheim	13.6	32.8	41.9	64.9
Innenheim	14.6	33.5	43.1	66.2
Mittelhausbergen	5.9	23.1	55.0	78.1
Reichstett	10.0	18.4	56.1	79.2
Wolfisheim	6.9	27.0	48.4	71.5
Artolsheim	47.4	66.2	30.6	52.5
Dambach-la-Ville	36.7	55.5	31.6	54.7
Goxwiller	21.3	40.1	32.4	55.5
Hessenheim	44.0	62.9	30.3	53.4
Hindisheim	18.2	37.0	42.5	65.6
Hipsheim	16.6	35.4	44.4	67.5
Huttenheim	28.4	47.2	32.8	55.9
Krautergersheim	16.9	35.7	37.2	60.2
Saint-Pierre	24.7	43.5	31.2	54.2
Wittisheim	42.8	61.6	36.6	59.7
Altorf	20.9	39.7	40.4	63.5
Bergbieten	26.6	46.6	52.0	75.1
Bourg-Bruche	58.8	77.6	52.2	75.3
Lalaye	43.2	62.0	36.6	59.7
Lutzelhouse	34.5	53.4	54.9	78.0
Mutzig	23.1	41.9	42.6	65.7
Neubois	40.5	59.3	28.7	51.8
Odratzheim	19.1	39.1	48.9	72.0
Rosheim	23.7	42.5	40.6	63.7
Altwiller	62.2	58.3	104.2	127.3
Dehlingen	61.3	57.4	103.3	126.4
Dettwiller	29.8	25.8	71.5	94.6
Eckartswiller	31.7	27.8	71.3	94.4
Lichtenberg	51.1	42.6	97.2	120.3
Lochwiller	30.6	32.6	64.6	87.7
Minversheim	21.1	15.6	67.2	90.3
Neuwiller-lès-Saverne	37.3	33.4	77.0	100.1
Niedersoultzbach	33.3	29.3	79.4	102.4
Obersoultzbach	33.8	29.8	79.9	103.0
Ottwiller	48.9	45.0	90.9	114.0
Schoenbourg	48.7	44.8	88.6	111.7
Schopperten	53.4	49.5	95.4	118.5
Waldolwisheim	33.9	29.9	68.5	91.6
Wolschheim	28.4	31.7	62.6	85.7
Climbach	51.6	34.3	97.7	120.8
Goersdorf	40.9	23.6	87.0	110.1
Gundershoffen	32.8	17.2	78.9	102.0
Munchhausen	36.2	33.1	82.2	105.3
Niedersteinbach	52.5	35.2	98.6	121.7
Rittershoffen	42.1	25.4	88.2	111.3
Walbourg	34.6	16.8	80.7	103.8
Bernolsheim	23.1	19.2	69.2	92.3

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Bischwiller	23.5	12.7	69.6	92.7
Brumath	16.5	11.8	62.6	85.7
Huttendorf	24.3	15.9	70.4	93.5
Weyersheim	17.6	17.3	63.7	86.8
Wintershouse	23.0	11.8	69.1	92.2
Jebsheim	53.1	72.0	17.0	38.9
Riedwihr	48.9	67.7	12.7	36.1
Sainte-Croix-en-Plaine	50.1	68.9	11.3	26.1
Sundhoffen	50.4	69.2	12.2	29.9
Fréland	63.0	81.9	20.3	50.9
Ingersheim	50.1	68.9	5.8	36.5
Labaroche	65.7	84.5	21.4	52.1
Luttenbach-près-Munster	71.8	90.6	25.7	56.4
Zellenberg	47.0	65.9	15.5	42.3
Bendorf	103.0	121.9	64.7	42.2
Bettendorf	94.5	113.4	56.2	26.6
Friesen	101.1	119.9	59.3	34.7
Henflingen	96.3	115.2	57.9	28.4
Lauw	87.4	106.3	42.5	27.8
Linsdorf	96.1	114.9	57.7	41.2
Masevaux	90.0	108.8	45.0	30.3
Montreux-Jeune	97.5	116.4	56.2	37.8
Obermorschwiller	86.9	105.8	48.5	15.6
Ranspach	91.2	110.1	46.3	33.5
Retzwiller	89.9	108.8	48.2	29.2
Roppentzwiller	94.2	113.0	55.8	32.6
Attenschwiller	82.4	101.3	44.0	27.9
Eschentzwiller	71.5	90.3	33.1	8.1
Rixheim	67.0	85.8	28.6	10.1
Schlierbach	75.5	94.4	37.1	11.7
Lautenbach-zell	76.7	95.6	31.8	30.9
Meyenheim	56.9	75.7	18.5	24.6
Rustenhart	61.8	80.6	23.4	24.7
Bischheim	8.7	22.2	54.8	77.9
Breuschwickersheim	11.8	31.8	49.3	72.4
Hurtigheim	9.2	29.3	54.6	77.7
Lipsheim	15.1	34.0	45.2	68.3
Niederhausbergen	5.9	23.1	55.0	78.1
Pfettisheim	11.8	26.0	61.0	84.0
Plobsheim	15.6	34.5	47.1	70.2
Truchtersheim	16.5	28.0	61.3	84.4
Ebersheim	31.3	50.1	27.5	50.6
Gertwiller	23.5	42.3	30.0	53.1
Herbsheim	29.1	47.9	37.2	60.3
Kogenheim	29.0	47.8	27.2	50.3
Limersheim	18.9	37.7	43.4	66.5
Mackenheim	46.8	65.7	27.3	49.3
Schwobsheim	45.6	64.5	33.8	56.9
Sélestat	32.8	51.7	22.1	45.2
Sundhouse	46.1	64.9	37.0	58.9
Uttenheim	28.0	46.9	37.8	60.8
Zellwiller	24.9	43.8	32.0	55.0

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Blancherupt	53.4	72.2	51.6	74.7
Dahlenheim	18.3	38.3	48.7	71.8
Dorlisheim	23.1	42.0	42.7	65.8
La Broque	41.1	60.0	58.5	81.6
Plaine	51.5	70.3	53.0	76.1
Romanswiller	24.8	36.5	58.8	81.9
Villé	40.0	58.9	32.6	55.7
Wisches	37.0	55.8	57.3	80.4
Wolxheim	20.4	40.4	46.8	69.9
Erckartswiller	39.4	35.4	85.5	108.6
Eschbourg	48.1	44.2	85.8	108.9
Ettendorf	25.3	21.2	71.4	94.4
Frohmuhl	57.8	53.9	103.9	127.0
Lixhausen	24.0	20.0	70.1	93.2
Dambach	52.4	36.8	98.5	121.6
Kindwiller	42.7	30.5	88.8	111.8
Kutzenhausen	40.8	23.0	86.9	110.0
Uttenhoffen	34.5	18.9	80.6	103.7
Zinswiller	39.7	24.0	85.8	108.9
Berstheim	24.2	14.6	70.3	93.4
Leutenheim	31.7	28.4	77.8	100.9
Mittelschaeffolsheim	19.0	18.2	65.1	88.2
Rountzenheim	27.0	23.6	73.1	96.2
Algolsheim	61.0	79.8	22.8	39.6
Appenwihr	53.0	71.9	14.9	30.6
Artzenheim	51.0	69.9	18.2	40.1
Biesheim	58.9	77.8	20.8	38.9
Geiswasser	67.0	85.9	28.9	36.8
Obersaasheim	61.9	80.7	23.7	40.5
Ammerschwihr	53.0	71.8	8.7	39.4
Herrlisheim-près-Colmar	57.2	76.0	11.4	30.1
Niedermorschwihr	52.4	71.3	7.6	38.8
Rouffach	62.1	80.9	17.7	26.7
Eteimbes	84.1	103.0	41.0	24.4
Fislis	96.2	115.0	57.8	40.7
Franken	88.3	107.2	49.9	26.5
Fulleren	96.7	115.6	55.0	30.0
Heidwiller	82.7	101.5	44.3	14.8
Heiwiller	89.5	108.3	51.1	21.6
Hirtzbach	91.5	110.3	51.7	23.6
Koestlach	101.9	120.8	63.5	38.0
Kruth	97.6	116.5	52.7	40.0
Largitzen	99.8	118.7	60.6	31.9
Leimbach	80.2	99.0	35.2	22.5
Magny	97.4	116.3	55.7	36.6
Mortzwiller	87.3	106.2	42.4	27.7
Sickert	91.6	110.4	46.6	31.9
Tagolsheim	82.4	101.3	44.0	14.5
Vieux-Thann	76.1	95.0	31.1	18.4
Wittersdorf	87.0	105.9	48.7	19.1
Hégenheim	80.5	99.4	42.1	26.0
Hésingue	79.4	98.3	41.0	24.9

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Kembs	73.9	92.8	35.6	19.4
Ranspach-le-Bas	83.8	102.7	45.4	27.8
Rantzwiller	85.2	104.0	46.8	14.4
Uffheim	77.1	95.9	38.7	19.9
Brunstatt	74.5	93.4	36.1	5.9
Zillisheim	77.8	96.7	39.4	12.7
Baldersheim	65.3	84.1	26.9	11.7
Pfastatt	70.9	89.7	29.5	11.6
Bergholtz	65.1	83.9	20.1	22.0
Hirtzfelden	60.4	79.3	22.1	23.4
Raetersheim	66.8	85.6	22.8	19.8
Strasbourg	6.4	23.0	52.5	75.6
Schiltigheim	5.4	22.4	51.5	74.6
Strasbourg	6.4	23.0	52.5	75.6
Berstett	15.3	21.0	64.4	87.5
Dingsheim	8.9	24.9	57.0	80.1
Gougenheim	18.2	24.0	67.4	90.5
Illkirch-Graffenstaden	9.3	28.1	46.0	69.1
Souffelweyersheim	9.1	19.7	55.1	78.2
Boesenbiesen	47.4	66.2	30.6	52.5
Daubensand	30.0	48.9	48.7	71.8
Dieffenthal	37.2	56.1	27.1	50.2
Epfig	28.3	47.2	32.4	55.5
Ichtratzheim	13.8	32.7	44.3	67.3
Itterswiller	32.1	51.0	34.1	57.2
Obenheim	28.7	47.6	47.6	70.7
Osthause	21.6	40.4	36.2	59.3
Reichsfeld	32.1	50.9	38.2	61.3
Rhinau	35.1	54.0	46.1	69.2
Barembach	39.4	58.2	59.7	82.8
Bellefosse	52.3	71.2	50.3	73.4
Bischoffsheim	21.9	40.8	38.5	61.6
Breitenbach	43.1	62.0	36.6	59.7
Cosswiller	26.9	37.6	60.9	83.9
Dieffenbach-au-Val	40.4	59.2	30.2	53.3
Ergersheim	19.9	39.9	46.5	69.6
Ernolsheim-Bruche	15.1	35.1	46.1	69.2
Fouchy	40.7	59.5	34.1	57.2
Kirchheim	16.5	36.5	52.1	75.2
Maisonsgoutte	42.6	61.5	36.1	59.1
Ottrott	26.8	45.6	39.0	62.1
Rosenwiller	24.9	43.8	41.9	65.0
Saint-Blaise-la-Roche	50.6	69.5	49.7	72.8
Saint-Maurice	37.3	56.2	29.4	52.5
Saint-Pierre-Bois	35.8	54.6	29.8	52.9
Saulxures	56.4	75.2	56.6	79.7
Alteckendorf	22.3	17.7	68.4	91.4
Berg	51.2	47.3	93.2	116.3
Birkenwald	28.5	36.0	62.4	85.5
Butten	59.9	56.0	101.9	125.0
Diemeringen	52.7	48.8	94.7	117.8
Dimbsthal	27.7	35.4	61.6	84.7

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Drulingen	49.4	45.5	91.4	114.5
Duntzenheim	21.8	25.1	70.2	93.2
Ernolsheim-lès-Saverne	34.6	30.7	73.9	97.0
Harskirchen	57.6	53.7	99.6	122.7
Hinsbourg	57.8	53.9	103.9	127.0
Ingenheim	26.3	24.8	71.4	94.5
Keskastel	53.5	49.5	95.5	118.5
Melsheim	24.9	21.0	71.0	94.1
Menchhoffen	34.5	28.3	80.6	103.7
Ottersthal	32.6	28.6	68.1	91.2
Otterswiller	29.5	27.3	63.4	86.5
Petersbach	48.6	44.7	93.8	116.9
Puberg	55.2	49.5	101.3	124.4
Reutenbourg	28.5	34.1	62.5	85.6
Rexingen	53.6	49.7	95.6	118.7
Rimsdorf	48.2	44.3	90.2	113.3
Sparsbach	44.3	38.5	90.4	113.4
Tieffenbach	54.0	50.1	99.3	122.4
Voellerdingen	54.1	50.2	96.1	119.2
Zehnacker	25.7	33.6	59.7	82.8
Dieffenbach-lès-Woerth	42.0	24.7	88.1	111.2
Durrenbach	35.5	18.1	81.6	104.6
Eschbach	32.7	17.0	78.8	101.8
Laubach	31.6	16.0	77.7	100.8
Lembach	46.6	29.3	92.7	115.8
Offwiller	42.7	27.1	88.8	111.9
Scheibenhard	38.3	35.2	84.4	107.5
Schleithal	48.1	37.6	94.2	117.2
Seltz	34.4	31.3	80.5	103.5
Soultz-sous-Forêts	37.3	19.5	83.4	106.5
Steinseltz	52.7	34.9	98.8	121.9
Surbourg	34.4	16.6	80.5	103.6
Windstein	49.7	34.0	95.8	118.8
Wingen	52.7	35.4	98.8	121.9
Bietlenheim	19.9	19.1	66.0	89.1
Dalhunden	28.8	27.2	74.9	98.0
Donnenheim	20.4	19.4	66.5	89.6
Hoerd	14.9	19.3	61.0	84.1
Kauffenheim	33.3	29.9	79.3	102.4
Morschwiller	25.0	16.6	71.1	94.2
Wittersheim	22.0	13.6	68.1	91.2
Colmar	47.4	66.2	5.5	31.5
Holtzwihr	49.2	68.1	13.0	36.5
Muntzenheim	51.5	70.3	14.2	35.5
Gundolsheim	61.0	79.8	21.4	24.1
Hohrod	66.7	85.5	20.6	51.3
Mittelwihr	47.8	66.7	12.1	39.1
Muhlbach-sur-Munster	75.4	94.2	29.3	60.0
Obermorschwihr	58.2	77.1	12.4	30.2
Orbey	65.1	83.9	22.3	53.0
Pfaffenheim	59.6	78.5	13.8	27.3
Ribeauvillé	45.1	64.0	19.5	43.2

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Saint-Hippolyte	39.0	57.9	19.4	42.4
Sigolsheim	49.5	68.4	10.5	39.0
Thannenkirch	48.0	66.8	28.6	51.6
Wettolsheim	51.7	70.6	4.6	34.9
Wihr-au-Val	60.2	79.1	14.2	44.8
Altkirch	88.6	107.5	49.8	20.7
Aspach	87.2	106.0	45.9	21.2
Balschwiller	81.7	100.6	40.0	22.0
Bellemagny	82.2	101.0	39.0	22.5
Bretten	82.2	101.0	39.0	22.5
Buethwiller	85.2	104.1	43.5	25.5
Carspach	89.9	108.8	48.8	22.0
Froeningen	77.8	96.7	39.4	12.7
Hindlingen	101.8	120.7	60.1	38.3
Kiffis	113.1	132.0	74.8	55.2
Liebsdorf	107.8	126.7	69.5	47.0
Luemschwiller	88.8	107.7	50.5	17.5
Lutter	99.4	118.2	61.0	44.9
Manspach	91.6	110.5	49.9	30.8
Michelbach	78.9	97.8	34.0	21.2
Mitzach	94.2	113.0	49.2	36.5
Mollau	96.1	115.0	51.2	38.4
Montreux-Vieux	97.5	116.4	56.2	37.8
Oderen	96.9	115.8	52.0	39.2
Pfetterhouse	109.6	128.4	70.6	41.7
Raedersdorf	100.3	119.1	61.9	45.5
Sentheim	89.7	108.6	44.8	30.1
Seppois-le-Haut	105.8	124.7	66.8	37.9
Sewen	100.9	119.8	56.0	41.3
Traubach-le-Bas	86.8	105.7	43.3	27.1
Walheim	82.4	101.3	44.0	14.5
Brinckheim	77.7	96.5	39.3	23.2
Helfrantzkirch	82.2	101.1	43.9	23.7
Saint-Louis	78.8	97.7	40.4	24.3
Village-Neuf	79.3	98.1	40.9	24.8
Waltenheim	78.3	97.1	39.9	16.6
Didenheim	74.5	93.4	36.1	7.3
Galtingue	81.1	100.0	41.8	18.5
Mulhouse	71.5	90.3	33.1	6.2
Illzach	68.7	87.6	29.5	9.5
Kingersheim	70.6	89.5	30.8	13.7
Mulhouse	71.5	90.3	33.1	6.2
Richwiller	73.9	92.8	32.6	13.8
Blodelsheim	68.6	87.4	30.4	29.2
Bollwiller	66.8	85.6	21.8	18.4
Burnhaupt-le-Haut	78.3	97.1	33.3	18.6
Cernay	74.6	93.5	29.7	20.2
Oberentzen	57.2	76.1	18.9	29.8
Oberhergheim	55.5	74.3	17.1	28.8
Rimbach-zell	74.4	93.2	29.4	27.5
Roggenhouse	66.3	85.2	27.9	25.1
Ungersheim	63.2	82.1	24.8	20.1

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Fegersheim	13.8	32.7	44.3	67.3
Ostwald	9.3	28.5	47.1	70.2
Bolsenheim	23.7	42.6	41.3	64.4
Erstein	18.4	37.3	40.1	63.2
Schaeffersheim	21.6	40.4	39.4	62.5
Scherwiller	36.8	55.7	24.0	47.1
Stotzheim	26.7	45.5	33.2	56.3
Witternheim	35.6	54.5	36.0	59.1
Boersch	27.1	46.0	44.1	67.2
Griesheim-près-Molsheim	23.0	41.9	40.5	63.6
Niederhaslach	34.3	53.1	54.6	77.7
Russ	37.2	56.0	57.5	80.6
Wasselonne	21.0	37.0	55.0	78.1
Baerendorf	52.3	48.3	94.2	117.3
Domfessel	51.2	47.2	93.2	116.2
Grassendorf	27.7	19.3	73.8	96.9
Gungwiller	48.5	44.5	90.4	113.5
Hengwiller	31.4	37.8	65.3	88.4
Issenhausen	24.6	20.7	70.7	93.8
Landersheim	23.4	29.2	62.0	85.1
Reipertswiller	50.9	38.9	97.0	120.0
Saverne	32.4	28.9	66.3	89.4
Struth	51.4	47.5	96.2	119.2
Wingersheim	20.1	18.2	68.9	92.0
Zeinheim	24.8	30.6	59.0	82.1
Bitschhoffen	32.3	18.4	78.4	101.5
Keffenach	43.9	26.1	90.0	113.0
Langensoultzbach	41.9	24.6	88.0	111.1
La Walck	32.3	18.4	78.4	101.5
Merkwiller-Pechelbronn	38.7	20.9	84.8	107.9
Morsbronn-les-Bains	33.6	16.3	79.7	102.8
Niederbronn-les-Bains	39.1	23.5	85.2	108.3
Oberdorf-Spachbach	34.6	17.2	80.7	103.8
Schoenenbourg	41.6	23.8	87.7	110.7
Dauendorf	29.3	17.1	75.4	98.5
Drusenheim	24.6	22.8	70.7	93.7
Forstfeld	33.3	29.9	79.3	102.4
Hochstett	20.6	10.6	66.7	89.8
Offendorf	22.8	23.2	68.9	92.0
Rohrwiller	20.0	16.2	66.0	89.1
Sessenheim	25.7	22.6	71.8	94.9
Dessenheim	60.1	78.9	21.9	28.4
Hettenschlag	56.1	75.0	18.0	32.7
Kunheim	53.6	72.4	21.0	42.4
Nambsheim	68.6	87.5	30.5	32.3
Urschenheim	54.6	73.5	17.2	37.6
Wickerschwihr	51.2	70.0	13.5	34.8
Breitenbach-Haut-Rhin	70.3	89.2	24.3	54.9
Griesbach-au-Val	63.3	82.1	17.2	47.9
Gunsbach	63.6	82.4	17.5	48.2
Husseren-les-Châteaux	58.6	77.5	12.4	33.9
Sainte-Marie-aux-Mines	52.5	71.3	38.9	62.4

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Zimmerbach	56.7	75.6	10.7	42.3
Aspach-le-Haut	77.5	96.3	32.5	19.8
Bisel	100.8	119.6	62.4	32.9
Courtavon	110.9	129.7	72.5	47.6
Geishouse	93.9	112.8	49.0	36.2
Gommersdorf	88.2	107.0	46.4	27.5
Ligsdorf	102.2	121.0	63.8	41.3
Mertzen	98.1	117.0	56.4	34.8
Moernach	104.1	122.9	65.7	36.8
Oberbruck	95.5	114.3	50.5	35.8
Oltingue	96.8	115.7	58.5	42.3
Riespach	100.1	119.0	61.7	33.5
Saint-Ulrich	94.3	113.2	52.6	33.5
Thann	80.2	99.1	35.3	22.6
Wildenstein	100.2	119.0	54.1	47.3
Buschwiller	83.3	102.2	44.9	28.8
Folgensbourg	84.2	103.1	45.8	29.7
Knoeringue	88.5	107.4	50.1	30.0
Leymen	99.8	118.7	61.4	45.3
Michelbach-le-Haut	86.2	105.0	47.8	31.7
Rosenau	76.1	95.0	37.7	21.6
Bruebach	77.1	96.0	38.7	5.8
Buhl	71.6	90.4	26.6	25.7
Burnhaupt-le-Bas	76.5	95.4	34.8	16.8
Fessenheim	67.1	85.9	28.9	31.6
Issenheim	65.7	84.6	20.7	21.5
Munwiller	56.9	75.7	18.5	24.6
Uffholtz	74.6	93.5	29.7	20.2
Holtzheim	13.5	32.6	45.2	68.2
Oberschaeffolsheim	8.3	28.4	50.3	73.4
Baldenheim	43.6	62.5	29.9	53.0
Bernardvillé	30.2	49.0	36.3	59.4
Bourgheim	23.8	42.7	29.7	52.8
Châtenois	35.0	53.9	21.9	45.0
Eichhoffen	27.3	46.1	33.8	56.9
Muttersholtz	38.6	57.5	30.7	53.8
Valff	22.9	41.8	34.5	57.6
Avolsheim	24.1	43.0	43.7	66.8
Dinsheim	25.1	44.0	45.5	68.5
Flexbourg	26.6	46.6	52.0	75.1
Mollkirch	32.2	51.1	49.0	72.1
Wangen	19.1	39.1	52.1	75.2
Westhoffen	23.1	42.7	53.4	76.5
Bosselshausen	27.3	23.4	73.4	96.5
Diedendorf	55.7	51.8	97.7	120.8
Eywiller	40.0	36.1	82.0	105.1
Hohatzenheim	22.6	21.2	71.5	94.5
Mittelhausen	17.2	20.5	66.4	89.5
Ratzwiller	65.3	61.3	107.2	130.3
Reinhardsmunster	40.1	39.7	74.1	97.2
Schillersdorf	35.1	28.8	81.2	104.3
Weiterswiller	35.6	31.6	81.7	104.8

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Wimmenau	47.2	41.5	93.3	116.4
Biblisheim	36.8	19.0	82.8	105.9
Gunstett	35.9	18.6	82.0	105.1
Hatten	40.4	29.2	86.5	109.6
Hunspach	43.3	25.5	89.4	112.5
Niederlauterbach	41.9	38.8	88.0	111.0
Oberlauterbach	40.7	37.6	86.8	109.8
Kilstett	19.2	24.4	65.3	88.3
Mommenheim	18.2	12.2	64.3	87.4
Ohlungen	26.9	12.9	73.0	96.1
Baltzenheim	56.2	75.1	23.7	45.5
Logelheim	52.7	71.5	14.5	29.3
Bennwihr	47.8	66.7	12.1	39.1
Hunawihr	47.0	65.9	15.5	42.3
Illhaeusern	41.2	60.1	17.8	40.9
Kaysersberg	53.5	72.4	10.7	41.4
Durlinsdorf	105.9	124.7	67.5	40.1
Elbach	94.1	112.9	52.3	33.3
Grentzingen	96.3	115.2	57.9	28.4
Guewenheim	81.6	100.5	36.7	22.0
Muespach-le-Haut	86.7	105.6	48.4	32.0
Niederbruck	92.5	111.4	47.6	32.9
Ruederbach	97.0	115.9	58.6	29.1
Steinsoultz	92.7	111.5	54.3	34.1
Vieux-Ferrette	99.4	118.3	61.0	36.1
Michelbach-le-Bas	82.2	101.0	43.8	23.7
Sierentz	71.8	90.7	33.5	17.3
Zaessingue	87.0	105.9	48.7	21.4
Lutterbach	71.9	90.8	33.6	11.7
Ruelisheim	70.0	88.8	31.6	18.1
Feldkirch	66.9	85.7	21.9	16.7
Merxheim	62.5	81.4	19.9	22.6
Hoenheim	8.7	22.2	54.8	77.9
Durningen	18.9	25.7	64.8	87.9
Eckbolsheim	5.2	26.2	50.3	73.4
Eschau	14.2	33.1	47.0	70.0
Kienheim	17.9	27.6	66.5	89.6
Lampertheim	11.1	20.2	57.5	80.6
Bootzheim	46.8	65.7	27.3	49.3
Ebersmunster	31.7	50.5	28.7	51.7
Schoenau	48.2	67.1	40.0	62.0
Bassemberg	40.7	59.5	34.1	57.2
Heiligenberg	30.4	49.3	50.8	73.9
Wildersbach	48.5	67.4	63.5	86.6
Buswiller	25.4	21.4	71.5	94.6
Furchhausen	30.8	30.2	65.0	88.1
Lupstein	29.8	26.4	70.8	93.9
Niedermmodern	32.3	18.4	78.4	101.5
Rosteig	52.8	47.0	98.9	122.0
Saint-Jean-Saverne	33.1	29.2	71.8	94.9
Waltenheim-sur-Zorn	19.8	13.8	65.9	89.0
Hoffen	41.7	23.9	87.8	110.9

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Siegen	42.8	38.4	88.9	112.0
Vendenheim	11.4	18.7	57.5	80.6
Andolsheim	48.3	67.1	10.1	30.5
Balgau	67.1	85.9	28.9	31.6
Gueberschwihr	59.4	78.3	13.6	28.8
Bitschwiller-les-Thann	82.9	101.7	37.9	25.2
Husseren-Wesserling	92.4	111.3	47.5	34.7
Dietwiller	72.2	91.1	33.8	13.2
Riedisheim	69.3	88.2	30.9	5.7
Wahlbach	86.4	105.2	48.0	18.1
Chalampé	73.3	92.2	35.0	20.4
Sausheim	66.5	85.3	28.1	9.5
Niederentzen	57.2	76.1	18.9	29.8
Dossenheim-Kochersberg	16.2	33.5	56.7	79.8
Hangenbieten	16.8	36.8	46.8	69.9
Osthoffen	16.3	36.3	48.5	71.6
Rohr	18.5	23.4	66.2	89.3
Willgottheim	21.2	30.7	62.3	85.4
Marckolsheim	45.4	64.3	24.4	46.4
Muhlbach-sur-Bruche	34.0	52.9	54.4	77.4
Saales	57.8	76.6	51.2	74.3
Allenwiller	25.1	32.8	59.1	82.1
Friedolsheim	26.8	31.2	65.5	88.5
Geiswiller	29.6	25.6	75.7	98.8
Goerlingen	51.9	48.0	93.9	117.0
Haegen	37.8	33.9	72.0	95.1
Hattmatt	31.5	27.6	71.2	94.3
Kirrberg	52.0	48.0	94.0	117.0
Monswiller	30.2	26.3	67.7	90.8
Ringeldorf	29.1	19.9	75.2	98.3
Salenthal	27.7	35.4	61.6	84.7
Schalkendorf	29.3	24.0	75.4	98.5
Siewiller	46.1	42.2	88.1	111.2
Steinbourg	30.9	27.0	70.6	93.7
Wilwisheim	24.9	21.0	71.0	94.1
Wingen-sur-Moder	50.5	44.8	96.6	119.7
Aschbach	43.5	30.1	89.6	112.7
Kesseldorf	28.8	25.8	74.9	98.0
Lobsann	43.5	25.7	89.6	112.7
Niederroedern	34.2	31.1	80.3	103.4
Retschwiller	40.0	22.2	86.1	109.2
Trimbach	41.6	33.4	87.7	110.8
Gambsheim	18.7	23.2	64.8	87.9
Krautwiller	18.7	14.2	64.8	87.8
Schirrhein	29.2	15.9	75.3	98.4
Uhlwiller	25.5	15.8	71.6	94.7
Houssen	46.2	65.0	10.1	33.6
Eguisheim	53.8	72.7	7.7	33.5
Kientzheim	51.1	70.0	10.5	40.5
Lapoutroie	64.0	82.8	21.2	51.9
Le Bonhomme	68.0	86.9	25.2	55.9
Ostheim	44.5	63.3	10.3	33.4

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Berentzwiller	87.9	106.7	49.5	29.4
Chavannes-sur-l'Etang	94.8	113.7	51.8	35.1
Dolleren	97.7	116.6	52.8	38.1
Falkwiller	82.6	101.4	39.0	22.8
Fellering	93.4	112.2	48.4	35.7
Guevenatten	84.9	103.8	41.8	25.2
Hundsbach	90.6	109.4	52.2	25.2
Illfurth	81.7	100.5	43.3	13.8
Jettingen	86.5	105.4	48.1	27.3
Seppois-le-Bas	102.3	121.2	62.4	34.4
Sondersdorf	102.0	120.8	63.6	41.1
Sternenberg	81.8	100.7	38.2	22.1
Storckensohn	95.6	114.5	50.7	37.9
Tagsdorf	89.5	108.3	51.1	18.9
Wolschwiller	100.8	119.7	62.4	46.3
Hagenthal-le-Haut	91.9	110.8	53.6	37.4
Landser	77.5	96.3	39.1	10.4
Zimmersheim	74.3	93.2	35.9	8.7
Bantzenheim	73.8	92.6	35.4	22.3
Petit-Landau	79.1	98.0	40.8	24.5
Reiningue	75.2	94.0	35.4	15.1
Wittenheim	68.8	87.6	30.4	14.4
Guebwiller	69.7	88.5	24.7	23.8
Rumersheim-le-Haut	73.6	92.4	35.2	23.1
Staffelfelden	72.6	91.4	28.8	16.4
Achenheim	8.3	28.4	50.3	73.4
Blaesheim	17.1	36.0	41.9	65.0
Duppigheim	16.2	35.1	41.3	64.3
Fessenheim-le-Bas	16.9	36.3	57.5	80.6
Geispolsheim	12.1	31.0	43.6	66.6
Kolbsheim	13.7	33.8	45.8	68.9
Kuttolsheim	19.0	34.7	59.2	82.3
Pfulgriesheim	9.2	23.5	58.3	81.4
Quatzenheim	16.2	33.5	56.7	79.8
Schnersheim	17.3	29.6	61.3	84.4
Bindernheim	40.9	59.7	39.6	62.7
Blienschwiller	33.9	52.8	31.2	54.2
Boofzheim	31.4	50.3	42.8	65.9
Elsenheim	47.5	66.3	24.8	46.8
Friesenheim	35.4	54.3	43.8	65.8
Kertzfeld	27.8	46.7	34.6	57.7
Kintzheim	34.8	53.7	22.5	45.6
La Vancelle	45.0	63.8	31.8	54.9
Le Hohwald	37.7	56.5	44.2	67.2
Matzenheim	22.3	41.1	34.7	57.8
Nordhouse	16.4	35.3	41.5	64.6
Richtolsheim	50.0	68.9	33.2	55.2
Sand	24.6	43.5	35.8	58.9
Sermersheim	29.9	48.7	29.3	52.4
Albé	39.3	58.2	32.8	55.9
Breitenau	43.6	62.4	36.1	59.2
Dangolsheim	24.0	44.1	48.4	71.5

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Grandfontaine	49.8	68.7	68.5	91.5
Grendelbruch	39.3	58.1	55.0	78.1
Molsheim	23.1	42.0	42.7	65.8
Natzwiller	48.2	67.0	63.2	86.2
Neuve-Eglise	37.7	56.6	31.2	54.3
Saint-Nabor	26.8	45.6	39.0	62.1
Schirmeck	41.5	60.3	61.4	84.5
Soultz-les-Bains	22.7	42.8	46.0	69.1
Still	28.5	47.3	48.8	71.9
Thanvillé	36.6	55.5	26.9	49.9
Urbeis	46.2	65.1	39.7	62.8
Adamswiller	56.5	52.6	98.5	121.6
Altenheim	28.4	30.1	66.8	89.9
Asswiller	52.5	48.5	94.4	117.5
Bettwiller	52.4	48.5	94.4	117.5
Bossendorf	21.2	17.3	67.3	90.4
Dossenheim-sur-Zinsel	34.0	30.1	73.7	96.8
Eschwiller	40.0	36.1	82.0	105.1
Gottenhouse	30.9	31.0	64.9	87.9
Gottesheim	29.6	25.7	75.7	98.8
Hinsingen	62.1	58.1	104.0	127.1
Kleingoeft	26.8	33.1	60.8	83.9
Knoersheim	27.5	33.3	61.8	84.9
Littenheim	29.8	26.4	70.8	93.9
Lohr	49.7	45.7	91.6	114.7
Mackwiller	53.3	49.3	95.2	118.3
Marmoutier	26.0	31.8	59.9	83.0
Oermingen	59.0	55.1	101.0	124.1
Pfaffenhoffen	32.3	18.4	78.4	101.5
Pfalzweyer	40.7	36.8	82.7	105.8
Rangen	24.8	30.6	59.0	82.1
Sarre-Union	50.3	46.4	92.3	115.4
Scherlenheim	26.7	22.8	72.8	95.9
Schwindratzheim	21.0	16.0	67.1	90.2
Weinbourg	38.9	34.9	85.0	108.1
Beinheim	32.6	29.6	78.7	101.8
Croettwiller	39.2	36.1	85.3	108.4
Forstheim	34.3	18.7	80.4	103.5
Hegeney	33.7	16.3	79.8	102.8
Memmelshoffen	43.2	25.4	89.3	112.4
Mothern	36.1	33.1	82.2	105.3
Oberbronn	41.3	25.7	87.4	110.5
Oberroedern	44.6	26.8	90.7	113.8
Reichshoffen	36.8	21.2	82.9	106.0
Riedseltz	48.2	30.4	94.3	117.4
Rott	54.0	36.2	100.1	123.2
Stundwiller	42.1	28.8	88.2	111.2
Uberach	32.4	16.7	78.5	101.6
Wintzenbach	36.0	33.0	82.1	105.2
Auenheim	26.6	23.3	72.7	95.8
Batzendorf	19.9	8.7	66.0	89.1
Bilwisheim	18.6	17.8	64.7	87.7

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Eckwersheim	15.2	17.6	61.3	84.3
Gries	23.0	12.7	69.1	92.1
Kriegsheim	20.3	10.2	66.4	89.5
Kurtzenhouse	20.1	15.4	66.2	89.3
La Wantzenau	16.7	21.9	62.8	85.9
Neuhaeusel	34.4	31.1	80.5	103.6
Niederschaeffolsheim	19.4	7.4	65.5	88.6
Oberhoffen-sur-Moder	25.5	12.5	71.6	94.6
Roeschwoog	29.3	26.0	75.4	98.5
Rottelsheim	17.9	9.9	64.0	87.1
Durrenentzen	54.5	73.3	17.9	39.2
Vogelgrun	59.9	78.8	21.8	38.6
Weckolsheim	57.9	76.8	19.8	33.0
Bergheim	40.7	59.6	16.8	39.9
Eschbach-au-Val	67.3	86.2	21.3	51.9
Hattstatt	58.2	77.1	12.4	30.2
Katzenthal	52.4	71.3	7.6	38.8
Rodern	41.3	60.1	21.6	44.7
Soultzeren	71.3	90.1	25.2	55.9
Stosswihr	67.9	86.8	21.9	52.5
Turckheim	52.0	70.8	5.9	37.7
Ballersdorf	90.7	109.6	49.5	23.8
Bourbach-le-Bas	87.2	106.1	42.3	28.7
Bouxwiller	94.3	113.2	55.9	38.3
Diefmatten	80.1	99.0	36.6	20.4
Emlingen	89.5	108.3	51.1	18.9
Feldbach	98.5	117.4	60.1	30.6
Hagenbach	85.0	103.9	43.3	25.3
Hirsingue	92.2	111.0	53.8	24.3
Hochstatt	73.4	92.3	35.1	8.4
Levoncourt	109.2	128.1	70.9	48.4
Rammersmatt	84.9	103.7	39.9	27.2
Rimbach-près-Masevaux	100.7	119.5	55.7	41.0
Roderen	83.8	102.6	38.8	26.1
Romagny	96.0	114.8	54.2	35.1
Saint-Amarin	91.2	110.1	46.3	33.5
Saint-Cosme	85.4	104.2	42.2	25.6
Soppe-le-Bas	80.5	99.4	37.4	20.8
Soppe-le-Haut	83.6	102.5	40.1	23.9
Spechbach-le-Bas	83.0	101.9	41.9	17.0
Traubach-le-Haut	86.8	105.7	43.3	27.1
Ueberstrass	102.3	121.2	62.4	34.4
Willer	94.3	113.1	55.9	28.4
Willer-sur-Thur	85.6	104.4	40.6	27.9
Wolfersdorf	89.2	108.0	47.4	28.4
Blotzheim	78.7	97.6	40.3	24.2
Geispitzen	77.4	96.2	39.0	18.4
Habsheim	67.7	86.5	29.3	11.1
Hagenthal-le-Bas	91.9	110.8	53.6	37.4
Huningue	79.5	98.4	41.1	25.0
Kappelen	79.2	98.1	40.8	20.3
Liebenswiller	97.7	116.5	59.3	43.2

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Ranspach-le-Haut	84.1	103.0	45.8	25.7
Steinbrunn-le-Bas	79.9	98.7	41.5	8.5
Steinbrunn-le-Haut	82.3	101.1	43.9	10.9
Flaxlanden	78.2	97.1	39.9	9.6
Heimsbrunn	77.6	96.4	37.8	14.9
Hombourg	72.9	91.7	34.5	20.0
Ottmarsheim	71.3	90.2	32.9	18.4
Aspach-le-Bas	75.7	94.6	30.8	18.8
Bergholtz-zell	68.4	87.3	23.5	25.3
Bernwiller	78.0	96.8	36.2	18.2
Ensisheim	61.5	80.4	23.2	20.1
Linthal	76.8	95.6	31.8	30.9
Murbach	73.5	92.3	28.5	27.6
Pulversheim	69.8	88.7	26.6	16.9
Handschuheim	12.3	32.3	54.1	77.2
Mundolsheim	11.1	20.2	57.5	80.6
Heiligenstein	27.4	46.3	34.9	58.0
Mittelbergheim	27.5	46.4	34.0	57.1
Orschwiller	37.9	56.8	18.9	42.0
Colroy-la-Roche	53.2	72.0	47.5	70.6
Saint-Martin	39.2	58.1	32.7	55.8
Waldersbach	50.5	69.3	50.7	73.8
Burbach	53.3	49.3	95.2	118.3
Herbitzheim	58.2	54.3	100.2	123.3
Hirschland	52.2	48.2	94.2	117.2
Hochfelden	22.1	18.1	68.2	91.3
La Petite-Pierre	44.6	40.7	90.7	113.8
Maennolsheim	27.2	32.5	63.4	86.5
Mutzenhouse	22.7	19.9	71.0	94.1
Sarrewerden	50.6	46.7	92.6	115.7
Weyer	49.9	45.9	91.8	114.9
Wolfskirchen	55.6	51.7	97.6	120.7
Engwiller	35.7	21.7	81.8	104.9
Froeschwiller	40.5	23.2	86.6	109.7
Lauterbourg	38.8	35.7	84.9	108.0
Obersteinbach	55.6	38.2	101.7	124.8
Preuschdorf	43.3	25.5	89.4	112.5
Wissembourg	52.0	34.2	98.1	121.2
Woerth	36.8	19.4	82.9	106.0
Haguenau	22.9	4.3	69.0	92.0
Herrlisheim	22.8	21.7	68.9	92.0
Bischwihr	50.0	68.8	11.8	32.2
Walbach	56.7	75.6	10.7	42.3
Wasserbourg	68.1	86.9	22.0	52.7
Westhalten	63.3	82.1	18.3	24.8
Biederthal	100.8	119.7	62.4	46.3
Dannemarie	88.2	107.0	46.4	27.5
Ferrette	100.6	119.5	62.2	37.8
Kirchberg	94.6	113.5	49.7	35.0
Oberdorf	97.7	116.5	59.3	30.4
Schwoben	88.4	107.3	50.0	20.5
Wegscheid	95.5	114.3	50.5	35.8

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Werentzhouse	93.2	112.1	54.9	37.3
Winkel	103.0	121.9	64.6	42.2
Magstatt-le-Bas	81.3	100.2	42.9	17.9
Stetten	80.9	99.8	42.5	17.5
Wentzwiller	83.9	102.8	45.5	29.4
Morschwiller-le-Bas	74.6	93.5	36.3	13.3
Niffer	79.1	98.0	40.8	24.5
Rimbach-près-Guebwiller	78.7	97.6	33.8	31.9
Steinbach	76.6	95.4	31.6	21.7
Mussig	41.7	60.6	28.0	51.1
Niedernai	19.3	38.1	35.3	58.4
Belmont	50.9	69.8	48.0	71.1
Urmatt	30.6	49.4	50.9	74.0
Bissert	54.4	50.4	96.3	119.4
Lorentzen	52.5	48.6	94.5	117.6
Olwisheim	18.4	19.3	66.0	89.1
Schirrhoffen	29.4	18.5	75.5	98.6
Soultz-Haut-Rhin	67.4	86.2	22.4	20.0
Ittenheim	10.0	30.0	52.4	75.5
Lingolsheim	8.0	28.2	48.2	71.3
Oberhausbergen	6.6	26.1	54.2	77.3
Saasenheim	45.1	63.9	34.8	56.7
Saessolsheim	24.6	28.1	65.6	88.7
Singrist	25.1	32.8	59.1	82.1
Cleebourg	51.8	34.0	97.9	121.0
Uhrwiller	39.1	24.7	85.2	108.3
Neuf-Brisach	57.1	76.0	19.0	36.5
Munster	66.7	85.5	20.6	51.3
Osenbach	71.9	90.7	26.9	33.3
Riquewihr	49.8	68.7	17.0	43.9
Ammertzwiller	80.2	99.0	38.4	20.4
Bettlach	94.6	113.4	56.2	40.1
Hausgauen	90.6	109.4	52.2	25.2
Malmerspach	88.4	107.3	43.5	30.7
Lautenbach	79.0	97.9	34.1	33.2
Furdenheim	13.5	33.5	52.6	75.7
Wintzenheim-Kochersberg	18.9	32.4	59.1	82.2
Wiwersheim	13.7	30.5	56.5	79.5
Barr	26.8	45.7	33.3	56.4
Benfeld	26.0	44.8	34.0	57.1
Heidolsheim	41.2	60.0	27.5	50.6
Hilsenheim	39.2	58.1	35.8	58.9
Nothalten	32.1	51.0	34.1	57.2
Obernai	22.3	41.2	37.0	60.0
Ohnenheim	45.2	64.0	29.1	51.2
Rossfeld	31.8	50.7	39.9	63.0
Nordheim	20.0	37.6	56.5	79.6
Steige	47.3	66.2	40.8	63.9
Traenheim	21.6	41.6	49.8	72.9
Gingsheim	21.6	23.7	70.7	93.8
Ingwiller	36.1	29.9	82.2	105.3
Printzheim	32.3	28.4	77.3	100.4

nom_commune	HTP	CH.Haguenau	CH.Colmar	CH.Mulhouse
Volksberg	60.9	55.2	107.0	130.1
Weislingen	59.4	55.4	104.7	127.7
Mertzwiller	28.6	13.0	74.7	97.8
Mietesheim	34.5	18.9	80.6	103.7
Salmbach	44.9	39.8	91.0	114.1
Fort-Louis	33.8	30.5	79.9	103.0
Geudertheim	20.2	16.2	66.3	89.4
Soufflenheim	27.8	19.1	73.9	97.0
Wahlenheim	18.6	10.2	64.7	87.8
Weitbruch	23.6	12.6	69.7	92.8
Fortschwihr	54.2	73.0	15.3	36.6
Heiteren	61.9	80.8	23.8	36.8
Wolfgangzen	54.5	73.3	16.3	35.7
Beblenheim	48.2	67.1	11.7	38.7
Sondernach	83.3	102.2	37.3	67.9
Soultzmatt	67.6	86.5	22.7	29.1
Wintzenheim	55.4	74.2	9.3	39.4
Bourbach-le-Haut	92.2	111.0	47.2	32.5
Bréchaumont	88.5	107.3	45.3	28.7
Durmenach	96.5	115.3	58.1	34.9
Hecken	82.6	101.4	39.0	22.8
Heimersdorf	94.6	113.4	56.2	26.7
Strueth	98.1	117.0	56.4	34.8
Urbès	95.6	114.5	50.7	37.9
Waldighoffen	96.1	115.0	57.7	31.2
Magstatt-le-Haut	82.8	101.6	44.4	19.4
Neuwiller	89.3	108.2	50.9	34.8
Battenheim	64.6	83.5	26.3	16.1
Jungholtz	74.0	92.9	29.0	27.2
Réguisheim	59.1	77.9	20.7	22.5

1.3.2 UNV hors Alsace (temps de trajet en minutes)

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra.
Bartenheim	42.0	104.8	197.9	139.6	160.4	143.
Diebolsheim	84.1	116.3	181.4	104.6	125.3	126.
Rauwiller	132.4	100.1	125.5	47.6	68.4	70.
Moosch	37.9	65.5	160.5	152.2	141.7	104.
Strasbourg	93.8	121.7	153.1	70.7	91.4	98.
Bernardswiller	76.8	104.7	168.3	85.9	106.6	113.
Gerstheim	87.7	115.6	174.7	92.2	113.0	119.
Meistratzheim	80.1	108.0	167.7	85.3	106.0	112.
Dachstein	86.9	114.6	155.5	73.1	93.8	100.
Duttlenheim	79.3	107.2	163.7	81.2	102.0	108.
Fouday	94.2	79.0	136.2	102.8	117.4	81.
Gresswiller	86.8	106.1	161.2	78.8	99.5	106.
Marlenheim	93.4	119.0	147.1	64.7	85.4	92.
Oberhaslach	95.5	102.7	159.9	79.4	100.1	104.
Rothau	99.8	85.1	142.3	97.7	118.5	87.
Solbach	96.8	82.6	139.8	105.5	121.0	84.
Triembach-au-Val	70.7	88.0	153.1	101.2	121.9	98.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Bischholtz	130.4	133.2	158.7	73.9	94.7	103.
Bust	128.9	106.1	131.5	42.6	63.4	76.
Durstel	135.7	112.9	138.4	40.6	61.3	83.
Hohengoeft	100.3	117.0	142.4	60.0	80.8	87.
Hohfrankenheim	112.3	118.3	143.7	61.3	82.0	88.
Ringendorf	114.9	120.2	145.6	63.2	83.9	90.
Schaffhouse-sur-Zorn	111.9	117.9	143.3	60.9	81.7	88.
Siltzheim	148.2	127.8	134.2	25.0	53.7	90.
Uttwiller	119.5	120.3	145.8	62.8	83.6	90.
Waldhambach	142.5	119.7	145.2	44.3	65.0	90.
Zittersheim	140.1	123.8	149.2	57.4	78.2	94.
Gumbrechtshoffen	123.4	131.8	157.3	74.8	95.6	102.
Ingolsheim	131.0	143.6	169.1	86.6	107.4	114.
Lampertsloch	130.9	143.6	169.0	86.4	107.3	114.
Rothbach	129.3	130.9	156.4	71.4	92.1	101.
Schaffhouse-près-Seltz	119.7	141.3	166.8	84.3	105.1	111.
Kaltenhouse	115.6	128.5	153.9	71.5	92.2	99.
Stattmatten	115.5	137.1	162.6	80.2	100.9	107.
Grussenheim	59.1	103.6	174.2	115.9	136.6	119.
Aubure	74.4	87.0	152.1	122.7	133.3	97.
Guémar	56.6	95.8	160.8	102.6	123.3	105.
Lièpvre	71.8	76.1	141.1	107.5	122.4	86.
Metzeral	69.7	79.2	173.6	136.9	154.9	117.
Rombach-le-Franc	74.9	79.8	144.8	110.6	126.1	89.
Rorschwihr	60.8	90.9	156.0	103.0	123.8	101.
Sainte-Croix-aux-Mines	78.6	74.2	139.3	114.3	120.5	84.
Soultzbach-les-Bains	57.7	79.4	173.8	124.9	145.6	117.
Altenach	26.2	99.4	194.4	154.4	175.2	138.
Eglingen	27.3	93.5	188.5	147.4	168.1	132.
Oberlarg	49.6	114.6	209.7	170.9	190.9	153.
Spechbach-le-Haut	24.9	91.1	186.1	145.0	165.7	129.
Koetzingue	41.3	103.5	198.6	146.9	167.6	142.
Berrwiller	29.9	86.5	181.5	134.9	155.6	125.
Hartmannswiller	31.0	87.5	182.5	133.8	154.6	126.
Munchhouse	43.2	105.9	188.3	130.0	150.7	133.
Niederhergheim	44.8	100.3	175.4	117.1	137.9	120.
Entzheim	83.2	111.0	162.8	80.4	101.1	107.
Innenheim	84.4	112.3	163.5	81.1	101.8	108.
Mittelhausbergen	96.3	124.2	153.2	70.7	91.5	98.
Reichstett	97.4	123.1	148.5	66.1	86.8	93.
Wolfisheim	89.7	117.6	157.0	74.6	95.3	102.
Artolsheim	70.7	104.3	169.4	111.2	132.0	114.
Dambach-la-Ville	72.9	97.7	162.8	100.5	121.3	107.
Goxwiller	73.7	101.6	166.7	85.1	105.8	111.
Hessenheim	71.6	101.0	166.1	107.9	128.6	111.
Hindisheim	83.8	111.7	167.1	84.6	105.4	112.
Hipsheim	85.7	113.6	165.5	83.1	103.8	110.
Huttenheim	74.1	102.0	167.1	94.9	115.6	112.
Krautergersheim	78.5	106.3	165.8	83.3	104.1	110.
Saint-Pierre	72.5	100.4	165.4	88.5	109.2	110.
Wittisheim	77.9	105.8	170.9	106.6	127.4	116.
Altorf	81.7	109.6	159.9	77.4	98.2	104.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Bergbieten	93.3	110.5	154.1	71.6	92.4	99.
Bourg-Bruche	93.5	74.3	138.8	113.9	120.1	83.
Lalaye	77.9	83.0	148.1	107.0	127.8	93.
Lutzelhouse	96.2	93.8	150.7	88.3	109.0	95.
Mutzig	83.9	107.2	158.7	76.3	97.0	103.
Neubois	70.0	89.5	154.6	104.3	125.0	99.
Odratzheim	90.2	115.8	147.4	64.9	85.7	92.
Rosheim	81.9	109.8	163.4	81.0	101.8	108.
Altwiller	145.5	119.0	138.9	40.8	61.6	75.
Dehlingen	144.6	124.2	145.8	44.5	65.2	94.
Dettwiller	112.8	111.3	136.8	54.3	75.1	81.
Eckartswiller	112.6	104.9	130.4	47.9	68.7	75.
Lichtenberg	138.5	136.5	161.9	74.0	94.8	107.
Lochwiller	105.9	112.2	137.7	55.2	76.0	82.
Minversheim	108.5	113.3	138.8	56.3	77.1	83.
Neuwiller-lès-Saverne	118.3	113.0	138.4	56.0	76.7	83.
Niedersoultzbach	120.7	120.8	146.3	61.6	82.4	91.
Obersoultzbach	121.2	120.6	146.0	59.8	80.5	91.
Ottwiller	132.2	109.4	134.9	41.1	61.8	79.
Schoenbourg	129.9	109.2	134.6	47.7	68.4	79.
Schopperten	136.7	116.3	134.8	33.6	54.3	86.
Waldolwisheim	109.8	110.0	135.4	53.0	73.7	80.
Wolschheim	103.9	111.3	136.7	54.3	75.1	81.
Climbach	139.0	151.7	177.2	86.7	115.5	122.
Goersdorf	128.3	141.0	166.4	82.3	104.7	111.
Gundershoffen	120.2	132.9	158.3	75.9	96.7	103.
Munchhausen	123.5	145.2	170.6	88.2	108.9	115.
Niedersteinbach	139.9	152.6	178.0	72.1	103.3	123.
Rittershoffen	129.5	143.2	168.7	86.2	107.0	113.
Walbourg	122.0	134.7	160.2	77.7	98.5	105.
Bernolsheim	110.5	114.4	139.8	57.4	78.2	84.
Bischwiller	110.9	132.0	157.5	75.0	95.8	102.
Brumath	103.9	119.7	145.2	62.8	83.5	90.
Huttendorf	111.7	117.4	142.8	60.4	81.1	87.
Weyersheim	105.0	126.7	152.1	69.7	90.4	97.
Wintershouse	110.4	123.0	148.5	66.1	86.8	93.
Jebsheim	57.1	101.7	175.2	116.9	137.7	120.
Riedwihr	54.4	97.4	170.9	112.7	133.4	116.
Sainte-Croix-en-Plaine	44.3	97.2	172.2	113.9	134.6	117.
Sundhoffen	48.1	98.1	172.5	114.2	135.0	117.
Fréland	64.5	79.4	158.7	126.9	139.9	103.
Ingersheim	50.0	86.8	166.1	113.9	134.7	111.
Labaroche	65.6	87.5	166.8	129.5	148.1	111.
Luttenbach-près-Munster	68.4	77.9	172.3	135.6	153.6	116.
Zellenberg	59.8	92.6	159.8	110.8	131.6	104.
Bendorf	52.2	117.3	212.3	166.9	187.6	156.
Bettendorf	42.0	108.2	203.2	158.4	179.1	147.
Friesen	35.5	103.8	198.8	164.9	180.1	142.
Henflingen	43.8	110.0	205.0	160.1	180.9	148.
Lauw	22.6	80.5	175.5	151.2	156.8	119.
Linsdorf	56.6	122.7	217.7	159.9	180.7	161.
Masevaux	25.6	76.4	171.4	153.8	152.7	115.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Montreux-Jeune	19.6	92.8	187.9	161.3	169.1	131.
Obermorschwiller	42.0	105.6	200.6	150.7	171.5	144.
Ranspach	40.7	63.7	158.7	155.0	139.9	102.
Retzwiller	22.5	95.7	190.7	153.8	171.9	134.
Roppentzwiller	48.0	114.1	209.2	158.0	178.8	153.
Attenschwiller	48.6	111.3	204.5	146.2	167.0	149.
Eschentzwiller	36.0	98.4	193.5	135.3	156.1	137.
Rixheim	30.0	92.7	187.8	130.8	151.5	131.
Schlierbach	39.5	101.7	196.7	139.3	160.1	140.
Lautenbach-zell	43.5	95.4	190.5	140.6	161.3	134.
Meyenheim	41.2	97.7	179.0	120.7	141.4	124.
Rustenhart	42.9	105.6	183.9	125.6	146.3	128.
Bischheim	96.1	124.0	152.2	69.8	90.5	97.
Breuschwickersheim	90.6	118.5	155.5	73.0	93.8	100.
Hurtigheim	95.9	123.8	155.9	73.5	94.2	101.
Lipsheim	86.5	114.4	164.1	81.6	102.4	109.
Niederhausbergen	96.3	124.2	153.2	70.7	91.5	98.
Pfettisheim	102.3	126.0	151.5	69.0	89.8	96.
Plobsheim	88.4	116.3	164.6	82.1	102.9	109.
Truchtersheim	102.6	127.4	152.9	70.4	91.2	97.
Ebersheim	68.8	96.7	161.7	95.1	115.8	106.
Gertwiller	71.3	99.2	164.2	87.3	108.0	109.
Herbsheim	78.5	106.4	171.4	95.6	116.3	116.
Kogenheim	68.5	96.4	161.4	95.4	116.2	106.
Limersheim	84.7	112.6	167.8	85.3	106.1	112.
Mackenheim	67.5	103.8	168.9	110.6	131.4	113.
Schwobsheim	75.1	104.5	169.5	109.5	130.2	114.
Sélestat	63.4	91.2	156.3	96.6	117.4	101.
Sundhouse	77.1	109.2	174.2	109.9	130.7	119.
Uttenheim	79.0	106.9	172.0	94.5	115.3	117.
Zellwiller	73.3	101.2	166.2	88.7	109.5	111.
Blancherupt	92.9	84.7	141.9	107.6	123.2	87.
Dahlenheim	90.0	117.7	153.2	70.7	91.5	98.
Dorlisheim	84.0	108.9	156.0	73.5	94.3	101.
La Broque	99.8	85.2	142.4	95.4	116.2	87.
Plaine	94.3	79.0	136.2	105.7	117.4	81.
Romanswiller	100.1	116.1	141.6	59.1	79.9	86.
Villé	73.9	85.5	150.5	103.9	124.6	95.
Wisches	98.6	91.7	148.8	91.2	112.0	93.
Wolxheim	88.1	113.6	152.1	69.6	90.4	97.
Erckartswiller	126.8	119.0	144.4	54.0	74.8	89.
Eschbourg	127.1	110.1	135.6	54.1	74.9	80.
Ettendorf	112.7	117.9	143.4	60.9	81.7	88.
Frohmuhl	145.2	122.9	148.4	51.4	72.2	93.
Lixhausen	111.4	116.6	142.1	59.7	80.4	87.
Dambach	139.8	152.5	177.9	70.4	101.6	123.
Kindwiller	130.0	132.9	158.3	75.9	96.6	103.
Kutzenhausen	128.2	140.9	166.3	83.9	104.7	111.
Uttenhoffen	121.9	132.2	157.6	75.2	95.9	102.
Zinswiller	127.1	135.6	161.1	74.3	96.9	106.
Berstheim	111.6	121.5	147.0	64.5	85.3	92.
Leutenheim	119.1	140.7	166.2	83.7	104.5	111.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Mittelschaeffolsheim	106.4	124.9	150.4	68.0	88.7	95.
Rountzenheim	114.4	136.0	161.5	79.0	99.8	106.
Algolsheim	57.8	108.7	183.1	124.8	145.6	128.
Appenwihr	48.8	100.8	175.1	116.9	137.6	120.
Artzenheim	58.3	102.9	173.1	114.9	135.6	118.
Biesheim	57.1	106.7	181.0	122.7	143.5	126.
Geiswasser	55.0	114.8	189.1	130.8	151.6	134.
Obersaasheim	58.7	109.6	184.0	125.7	146.5	129.
Ammerschwahr	53.0	84.9	164.3	116.8	137.6	109.
Herrlisheim-près-Colmar	42.2	93.5	176.5	121.0	141.7	121.
Niedermorschwihr	51.9	88.6	168.6	116.3	137.0	113.
Rouffach	38.8	95.3	182.8	125.9	146.7	127.
Eteimbess	21.3	91.9	186.9	148.0	168.2	130.
Fisli	55.4	120.4	215.5	160.0	180.7	159.
Franken	43.8	109.3	204.3	152.1	172.9	148.
Fulleren	32.8	106.0	201.0	160.6	181.3	144.
Heidwiller	31.5	97.4	192.5	146.5	167.3	136.
Heiwiller	38.7	104.2	199.2	153.3	174.1	143.
Hirtzbach	37.3	103.4	198.4	155.3	176.1	142.
Koestlach	49.0	114.1	209.2	165.7	186.5	152.
Kruth	47.1	60.0	155.0	161.5	136.2	98.
Largitzen	40.9	107.0	202.0	163.6	183.2	145.
Leimbach	29.7	75.7	170.7	144.0	152.0	114.
Magny	23.2	94.6	189.6	161.2	170.8	133.
Mortzwiller	24.1	80.4	175.4	151.2	156.7	119.
Sickert	27.1	74.9	169.9	155.4	151.1	113.
Tagolsheim	32.7	97.1	192.2	146.2	167.0	136.
Vieux-Thann	25.6	76.4	171.4	139.9	152.7	115.
Wittersdorf	36.3	101.8	196.8	150.9	171.6	140.
Hégenheim	46.7	109.5	202.6	144.3	165.1	147.
Hésingue	45.6	108.4	201.5	143.3	164.0	146.
Kembs	40.1	102.9	196.0	137.8	158.5	141.
Ranspach-le-Bas	49.3	112.7	205.9	147.6	168.4	150.
Rantzwiller	42.2	104.4	199.5	149.0	169.8	143.
Uffheim	43.3	106.0	199.1	140.9	161.6	144.
Brunstatt	28.6	90.8	185.8	138.3	159.1	129.
Zillisheim	30.1	92.5	187.6	141.6	162.4	131.
Baldersheim	31.4	94.1	187.4	129.1	149.8	132.
Pfastatt	29.4	90.4	185.4	134.7	155.4	129.
Bergholtz	34.1	90.6	185.3	128.9	149.7	129.
Hirtzfelden	41.6	104.3	182.5	124.3	145.0	127.
Raedersheim	34.2	90.7	185.7	130.6	151.3	129.
Strasbourg	93.8	121.7	153.1	70.7	91.4	98.
Schiltigheim	92.8	120.7	152.5	70.1	90.8	97.
Strasbourg	93.8	121.7	153.1	70.7	91.4	98.
Berstett	105.7	127.7	153.2	70.8	91.5	98.
Dingsheim	98.3	126.2	155.0	72.6	93.3	100.
Gougenheim	108.7	121.3	146.8	64.3	85.1	91.
Illkirch-Graffenstaden	87.3	115.2	158.2	75.8	96.5	103.
Souffelweyersheim	96.4	124.3	149.7	67.3	88.0	94.
Boesenbiesen	70.7	104.3	169.4	111.2	132.0	114.
Daubensand	90.0	117.9	179.0	96.5	117.3	124.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Dieffenthal	68.4	91.5	156.6	101.0	121.8	101.
Epfig	73.7	99.3	164.3	92.1	112.9	109.
Ichtratzheim	85.6	113.4	162.7	80.3	101.0	107.
Itterswiller	75.4	98.3	163.4	95.9	116.7	108.
Obenheim	88.9	116.8	177.6	95.2	115.9	122.
Osthouse	77.5	105.4	170.5	88.0	108.8	115.
Reichsfeld	79.5	98.7	163.7	95.9	116.6	108.
Rhinau	87.4	115.3	180.4	101.6	122.4	125.
Barembach	101.0	88.2	144.6	93.6	114.4	89.
Bellefosse	91.6	83.7	140.9	106.6	122.1	86.
Bischoffsheim	79.8	107.7	164.6	82.2	102.9	109.
Breitenbach	77.9	90.1	153.0	107.0	127.7	98.
Cosswiller	102.2	117.2	142.7	60.2	81.0	87.
Dieffenbach-au-Val	71.5	90.1	155.2	104.2	125.0	100.
Ergersheim	87.8	113.3	154.0	71.6	92.3	99.
Ernolsheim-Bruche	87.4	115.3	158.9	76.4	97.2	104.
Fouchy	75.4	83.3	148.4	104.5	125.2	93.
Kirchheim	93.4	119.0	147.1	64.7	85.4	92.
Maisonsgoutte	77.3	85.4	149.3	106.4	127.2	94.
Ottrott	80.3	108.2	170.5	89.1	109.9	115.
Rosenwiller	83.2	111.1	164.7	82.3	103.0	109.
Saint-Blaise-la-Roche	91.0	76.9	134.1	104.9	115.3	79.
Saint-Maurice	70.7	88.0	153.1	101.2	121.9	98.
Saint-Pierre-Bois	71.1	90.5	155.6	99.6	120.3	100.
Saulxures	97.9	76.8	134.0	110.6	115.2	79.
Alteckendorf	109.7	114.9	140.4	57.9	78.7	85.
Berg	134.5	114.1	137.6	36.3	57.1	84.
Birkenwald	103.7	115.6	141.0	58.6	79.3	86.
Butten	143.2	122.8	146.2	45.0	65.7	93.
Diemeringen	136.0	115.5	139.0	37.7	58.5	86.
Dimbsthal	102.9	115.0	140.4	58.0	78.8	85.
Drulingen	132.7	109.9	135.3	37.0	57.8	80.
Duntzenheim	111.5	120.2	145.7	63.3	84.0	90.
Ernolsheim-lès-Saverne	115.2	110.1	135.6	53.1	73.9	80.
Harskirchen	140.9	116.3	141.8	42.7	63.4	78.
Hinsbourg	145.2	122.9	148.4	51.4	72.2	93.
Ingenheim	112.7	117.5	142.9	60.5	81.2	88.
Keskastel	136.8	116.3	130.9	29.6	50.4	85.
Melsheim	112.3	114.4	139.8	57.4	78.1	84.
Menchhoffen	121.9	122.7	148.2	65.2	86.0	93.
Ottersthal	109.4	105.1	130.5	50.9	71.7	75.
Otterswiller	104.7	106.9	132.4	49.9	70.7	77.
Petersbach	135.1	112.3	137.8	44.0	64.7	82.
Puberg	142.6	125.7	151.1	54.2	74.9	96.
Reutenbourg	103.8	113.7	139.2	56.8	77.5	84.
Rexingen	136.9	116.2	140.0	38.7	59.5	86.
Rimsdorf	131.5	111.1	134.5	33.3	54.0	81.
Sparsbach	131.7	125.0	150.5	60.1	80.8	95.
Tieffenbach	140.6	117.8	143.3	48.2	69.0	88.
Voellerdingen	137.4	117.0	139.8	38.6	59.3	87.
Zehnacker	101.0	115.1	140.6	58.1	78.9	85.
Dieffenbach-lès-Woerth	129.4	142.1	167.5	83.4	105.8	112.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Durrenbach	122.9	135.5	161.0	78.5	99.3	106.
Eschbach	120.1	132.7	158.2	75.7	96.5	103.
Laubach	119.0	131.7	157.2	74.7	95.5	102.
Lembach	134.0	146.7	172.2	81.7	110.5	117.
Offwiller	130.1	133.4	158.9	73.9	94.6	103.
Scheibenhard	125.7	147.3	172.8	90.3	111.1	117.
Schleithal	135.5	155.4	180.9	98.4	119.2	125.
Seltz	121.8	143.4	168.8	86.4	107.2	113.
Soultz-sous-Forêts	124.7	137.4	162.8	80.4	101.1	107.
Steinseltz	140.1	152.8	178.2	95.8	116.5	123.
Surbourg	121.8	134.5	159.9	77.5	98.2	105.
Windstein	137.1	149.7	175.2	77.8	109.0	120.
Wingen	140.1	152.8	178.3	86.4	116.6	123.
Bietlenheim	107.3	128.3	153.8	71.3	92.1	98.
Dalhunden	116.2	137.8	163.3	80.9	101.6	108.
Donnenheim	107.8	124.4	149.8	67.4	88.1	94.
Hoerdt	102.3	123.9	149.4	66.9	87.7	94.
Kauffenheim	120.6	142.3	167.7	85.3	106.0	112.
Morschwiller	112.4	119.9	145.3	62.9	83.7	90.
Wittersheim	109.4	116.9	142.4	59.9	80.7	87.
Colmar	49.7	92.4	169.5	111.2	132.0	114.
Holtzwihr	54.7	97.8	171.3	113.0	133.8	116.
Muntzenheim	53.7	100.0	173.5	115.3	136.0	118.
Gundolsheim	36.2	92.7	183.1	124.8	145.5	128.
Hohrod	63.4	72.4	166.8	130.5	148.1	110.
Mittelwihr	56.4	89.2	162.1	111.7	132.4	107.
Muhlbach-sur-Munster	72.1	81.5	176.0	139.2	157.2	119.
Obermorschwihr	42.2	94.5	177.6	122.1	142.8	122.
Orbey	66.5	76.8	156.1	128.9	137.4	101.
Pfaffenheim	39.3	95.8	178.9	123.4	144.2	124.
Ribeauvillé	61.4	91.1	156.2	109.0	129.7	101.
Saint-Hippolyte	60.6	88.8	153.9	102.9	123.6	99.
Sigolsheim	54.8	84.6	164.0	113.4	134.1	109.
Thannenkirch	69.9	87.7	152.8	111.8	132.5	97.
Wettolsheim	46.9	87.5	170.6	115.5	136.3	115.
Wihr-au-Val	56.9	76.7	171.2	124.0	144.8	115.
Altkirch	35.4	101.5	196.5	152.5	173.2	140.
Aspach	31.4	97.6	192.6	151.0	171.7	136.
Balschwiller	25.5	91.6	186.7	145.5	166.3	130.
Bellemagny	19.8	90.7	185.7	146.0	166.8	129.
Bretten	19.8	90.7	185.7	146.0	166.8	129.
Buethwiller	27.8	95.1	190.2	149.0	169.8	134.
Carspach	34.3	100.4	195.5	153.7	174.5	139.
Froeningen	30.1	92.5	187.6	141.6	162.4	131.
Hindlingen	36.3	107.3	202.4	165.6	183.6	146.
Kiffis	56.3	121.4	216.5	177.0	197.7	160.
Liebsdorf	49.4	114.4	209.5	171.7	190.7	153.
Luemschwiller	41.7	107.2	202.2	152.7	173.4	146.
Lutter	60.3	125.4	220.4	163.2	184.0	164.
Manspach	26.1	99.3	194.3	155.5	175.6	138.
Michelbach	26.3	79.9	174.9	142.7	156.2	118.
Mitzach	43.7	67.8	162.9	158.0	144.1	106.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz...Mercy.	CHU.Nancy..Centra
Mollau	45.6	62.6	157.6	159.9	138.9	101.
Montreux-Vieux	19.6	92.8	187.9	161.3	169.1	131.
Oderen	46.4	64.6	159.6	160.8	140.8	103.
Pfetterhouse	37.4	102.5	197.5	173.4	178.7	141.
Raedersdorf	58.9	124.0	219.0	164.1	184.8	162.
Sentheim	32.0	89.3	184.3	153.5	165.6	128.
Seppois-le-Haut	38.5	103.6	198.6	169.6	179.9	142.
Sewen	36.5	67.7	162.7	164.7	144.0	106.
Traubach-le-Bas	24.8	94.9	190.0	150.7	171.2	133.
Walheim	32.7	97.1	192.2	146.2	167.0	136.
Brinckheim	43.9	106.6	199.8	141.5	162.2	144.
Helfrantzkirch	48.0	111.2	204.3	146.1	166.8	149.
Saint-Louis	45.0	107.8	200.9	142.6	163.4	146.
Village-Neuf	45.5	108.2	201.3	143.1	163.8	146.
Waltenheim	44.4	106.6	200.3	142.1	162.8	145.
Didenheim	27.0	89.2	184.3	138.3	159.1	128.
Galtingue	27.3	93.4	188.5	145.0	165.7	132.
Mulhouse	27.8	90.3	185.3	135.3	156.0	129.
Illzach	27.4	90.1	185.1	132.5	153.3	128.
Kingersheim	31.6	94.3	189.4	134.4	155.2	133.
Mulhouse	27.8	90.3	185.3	135.3	156.0	129.
Richwiller	28.4	89.6	184.6	137.8	158.5	128.
Blodelsheim	48.0	110.7	190.7	132.4	153.1	135.
Bollwiller	30.8	87.3	182.4	130.6	151.4	126.
Burnhaupt-le-Haut	21.2	85.0	180.0	142.1	161.2	123.
Cernay	27.4	81.1	176.1	138.5	157.3	119.
Oberentzen	44.4	100.9	179.3	121.1	141.8	124.
Oberhergheim	46.3	102.4	177.6	119.3	140.1	122.
Rimbach-zell	38.1	94.7	189.7	138.2	158.9	133.
Roggenhouse	43.3	106.1	188.4	130.2	150.9	133.
Ungersheim	36.3	92.8	185.3	127.0	147.8	130.
Fegersheim	85.6	113.4	162.7	80.3	101.0	107.
Ostwald	88.4	116.3	158.6	76.1	96.9	103.
Bolsenheim	82.6	110.5	172.7	90.2	111.0	117.
Erstein	81.4	109.3	167.4	84.9	105.7	112.
Schaeffersheim	80.7	108.6	170.5	88.0	108.8	115.
Scherwiller	65.3	88.5	153.6	100.7	121.4	98.
Stotzheim	74.5	102.4	167.4	90.5	111.2	112.
Witternheim	77.3	105.2	170.3	102.1	122.9	115.
Boersch	85.4	111.1	166.9	84.5	105.2	112.
Griesheim-près-Molsheim	81.8	109.7	163.6	81.1	101.9	108.
Niederhaslach	95.9	103.2	160.3	81.8	102.5	105.
Russ	98.8	90.1	147.0	91.4	112.2	92.
Wasselonne	96.3	118.0	143.5	61.0	81.8	88.
Baerendorf	135.5	103.2	128.7	46.2	66.9	73.
Domfessel	134.5	114.0	137.5	36.2	57.0	84.
Grassendorf	115.1	122.2	147.7	65.3	86.0	92.
Gungwiller	131.7	110.9	134.8	33.5	54.3	81.
Hengwiller	106.6	117.4	142.8	60.4	81.1	87.
Issenhausen	112.0	117.3	142.8	60.3	81.1	87.
Landersheim	103.3	115.9	141.4	59.0	79.7	86.
Reipertswiller	138.2	137.4	162.8	69.3	91.8	107.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Saverne	107.6	108.0	133.5	51.5	72.3	78.
Struth	137.4	114.6	140.1	46.3	67.1	85.
Wingersheim	110.2	122.6	148.1	65.6	86.4	93.
Zeinheim	100.3	117.0	142.4	60.0	80.8	87.
Bitschhoffen	119.7	125.1	150.5	68.1	88.8	95.
Keffenach	131.3	143.9	169.4	86.9	107.7	114.
Langensoultzbach	129.3	142.0	167.4	82.4	105.8	112.
La Walck	119.7	125.1	150.5	68.1	88.8	95.
Merkwiller-Pechelbronn	126.1	138.7	164.2	81.7	102.5	109.
Morsbronn-les-Bains	121.0	133.7	159.1	76.7	97.5	104.
Niederbronn-les-Bains	126.5	139.2	164.7	67.7	98.8	109.
Oberdorf-Spachbach	122.0	134.6	160.1	77.6	98.4	105.
Schoenenbourg	129.0	141.6	167.1	84.6	105.4	112.
Dauendorf	116.7	126.2	151.7	69.3	90.0	96.
Drusenheim	112.0	133.6	159.0	76.6	97.3	104.
Forstfeld	120.6	142.3	167.7	85.3	106.0	112.
Hochstett	108.0	120.5	145.9	63.5	84.2	91.
Offendorf	110.2	131.8	157.3	74.8	95.6	102.
Rohrwiller	107.3	129.0	154.4	72.0	92.7	99.
Sessenheim	113.1	134.7	160.2	77.7	98.5	105.
Dessenheim	46.6	107.5	182.2	123.9	144.7	127.
Hettenschlag	50.9	103.8	178.2	119.9	140.7	123.
Kunheim	60.6	105.8	175.6	117.4	138.2	120.
Nambsheim	50.5	113.3	190.7	132.4	153.2	135.
Urschenheim	55.9	103.2	176.7	118.5	139.2	121.
Wickerschwihr	53.0	99.7	173.3	115.0	135.8	118.
Breitenbach-Haut-Rhin	67.0	76.5	170.9	134.2	152.1	114.
Griesbach-au-Val	59.9	76.0	170.4	127.1	147.8	114.
Gunsbach	60.3	76.3	170.7	127.4	148.2	114.
Husseren-les-Châteaux	46.0	94.5	177.5	122.5	143.2	122.
Sainte-Marie-aux-Mines	80.6	72.4	137.5	116.3	118.7	82.
Zimmerbach	54.4	79.9	174.3	120.6	141.3	118.
Aspach-le-Haut	24.8	77.0	172.1	141.3	153.3	115.
Bisel	39.7	104.8	199.8	164.6	181.0	143.
Courtavon	45.1	110.2	205.2	174.7	186.5	149.
Geishouse	43.4	73.1	168.2	157.7	149.4	112.
Gommersdorf	27.1	98.1	193.1	152.0	172.8	136.
Ligsdorf	54.3	119.3	214.4	166.0	186.8	158.
Mertzen	32.6	104.6	199.6	161.9	180.9	143.
Moernach	46.4	111.5	206.6	167.9	187.8	150.
Oberbruck	31.0	73.2	168.3	159.3	149.5	112.
Oltingue	59.7	125.5	218.9	160.7	181.4	164.
Riespach	46.9	112.0	207.0	163.9	184.7	150.
Saint-Ulrich	28.8	102.0	197.0	158.1	178.2	140.
Thann	29.7	71.8	166.8	144.1	148.1	110.
Wildenstein	54.5	63.9	158.9	161.9	140.2	102.
Buschwiller	49.5	112.2	205.4	147.1	167.9	150.
Folgensbourg	50.4	113.2	206.3	148.0	168.8	151.
Knoeringue	51.6	117.1	210.6	152.3	173.1	155.
Leymen	66.0	128.7	221.9	163.6	184.4	166.
Michelbach-le-Haut	52.4	115.1	208.3	150.0	170.8	153.
Rosenau	42.3	105.1	198.2	139.9	160.7	143.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Bruebach	33.6	95.8	190.8	140.9	161.7	134.
Buhl	38.4	94.9	189.9	135.4	156.2	133.
Burnhaupt-le-Bas	20.3	86.5	181.5	140.3	161.1	125.
Fessenheim	50.4	113.1	189.2	130.9	151.7	134.
Issenheim	34.8	91.4	185.9	129.5	150.3	130.
Munwiller	41.2	97.7	179.0	120.7	141.4	124.
Uffholtz	27.4	81.1	176.1	138.5	157.3	119.
Holtzheim	86.5	114.4	162.7	80.2	101.0	107.
Oberschaeffolsheim	91.6	119.5	156.9	74.4	95.2	101.
Baldenheim	71.2	100.6	165.7	107.5	128.2	110.
Bernardvillé	77.6	96.8	161.8	94.0	114.7	106.
Bourgheim	71.0	98.9	163.9	87.7	108.4	109.
Châtenois	63.2	87.0	152.1	98.8	119.6	97.
Eichhoffen	75.1	99.5	164.6	91.1	111.9	109.
Muttersholtz	72.0	100.0	165.0	102.4	123.2	110.
Valff	75.8	103.7	168.8	86.7	107.5	113.
Avolsheim	85.0	110.7	155.5	73.1	93.8	100.
Dinsheim	86.8	106.1	161.2	78.8	99.5	106.
Flexbourg	93.3	110.5	154.1	71.6	92.4	99.
Mollkirch	90.3	105.5	162.6	86.5	107.2	107.
Wangen	93.4	119.0	146.7	64.2	85.0	91.
Westhoffen	94.7	117.0	149.2	66.8	87.5	94.
Bosselshausen	114.7	119.3	144.7	62.3	83.0	89.
Diedendorf	139.0	107.2	132.7	40.8	61.5	75.
Eywiller	123.3	102.9	128.3	49.4	70.1	73.
Hohatzenheim	112.7	125.7	151.1	68.7	89.4	96.
Mittelhausen	107.7	125.4	150.9	68.5	89.2	96.
Ratzwiller	148.5	128.1	151.6	50.3	71.1	98.
Reinhardsmunster	115.4	117.7	143.2	62.3	83.1	88.
Schillersdorf	122.5	123.6	149.1	66.1	86.9	94.
Weiterswiller	123.0	117.8	143.3	57.6	78.4	88.
Wimmenau	134.6	132.5	158.0	65.7	86.4	103.
Biblisheim	124.1	136.8	162.3	79.8	100.6	107.
Gunstett	123.3	136.0	161.4	79.0	99.7	106.
Hatten	127.8	147.0	172.5	90.0	110.8	117.
Hunspach	130.7	143.4	168.8	86.4	107.1	113.
Niederlauterbach	129.2	150.9	176.3	93.9	114.6	121.
Oberlauterbach	128.1	149.7	175.1	92.7	113.5	120.
Kilstett	106.5	129.0	154.5	72.0	92.8	99.
Mommenheim	105.6	118.8	144.2	61.8	82.5	89.
Ohlungen	114.3	125.6	151.1	68.6	89.4	96.
Baltzenheim	63.7	108.4	178.2	120.0	140.8	123.
Logelheim	47.5	100.4	174.8	116.5	137.3	119.
Bennwihr	56.4	89.2	162.1	111.7	132.4	107.
Hunawihr	59.8	92.6	159.8	110.8	131.6	104.
Illhaeusern	59.1	98.2	163.3	105.0	125.8	108.
Kaysersberg	55.0	80.7	160.0	117.3	138.1	105.
Durlinsdorf	47.8	112.9	207.9	169.7	189.2	151.
Elbach	24.2	96.9	191.9	157.9	173.2	135.
Grentzingen	43.8	110.0	205.0	160.1	180.9	148.
Guewenheim	24.3	85.4	180.5	145.4	161.7	124.
Muespach-le-Haut	52.9	115.7	208.8	150.6	171.3	153.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Niederbruck	28.1	74.0	169.1	156.3	150.3	112.
Ruederbach	44.5	110.6	205.7	160.8	181.6	149.
Steinsoultz	49.5	115.7	210.7	156.5	177.2	154.
Vieux-Ferrette	49.5	114.6	209.6	163.2	184.0	153.
Michelbach-le-Bas	48.4	111.1	204.3	146.0	166.7	149.
Sierentz	38.0	100.8	193.9	135.7	156.4	139.
Zaessingue	45.6	111.1	206.1	150.9	171.6	149.
Lutterbach	26.0	86.8	181.8	135.8	156.5	125.
Ruelisheim	35.9	98.4	192.1	133.8	154.5	137.
Feldkirch	32.7	89.2	184.3	130.7	151.5	128.
Merxheim	34.7	91.2	184.6	126.3	147.1	129.
Hoenheim	96.1	124.0	152.2	69.8	90.5	97.
Durningen	106.1	123.0	148.4	66.0	86.7	93.
Eckbolsheim	91.6	119.5	156.2	73.8	94.6	101.
Eschau	88.2	116.1	163.2	80.7	101.5	108.
Kienheim	107.8	124.9	150.3	67.9	88.6	95.
Lampertheim	98.8	124.8	150.3	67.8	88.6	95.
Bootzheim	67.5	103.8	168.9	110.6	131.4	113.
Ebersmunster	70.0	97.9	162.9	95.5	116.2	108.
Schoenau	80.2	114.1	179.2	114.7	135.5	124.
Bassembourg	75.4	83.3	148.4	104.5	125.2	93.
Heiligenberg	92.1	104.8	162.0	84.1	104.8	107.
Wildersbach	104.8	90.2	147.4	102.8	123.5	92.
Buswiller	112.8	118.1	143.6	61.1	81.9	88.
Furchhausen	106.3	109.8	135.2	52.8	73.5	80.
Lupstein	112.1	115.7	141.2	58.7	79.5	86.
Niedermmodern	119.7	125.1	150.5	68.1	88.8	95.
Rosteig	140.2	131.0	156.5	59.6	80.3	101.
Saint-Jean-Saverne	113.1	105.1	130.6	48.1	68.9	75.
Waltenheim-sur-Zorn	107.2	118.0	143.5	61.0	81.8	88.
Hoffen	129.1	141.7	167.2	84.7	105.5	112.
Siegen	130.2	151.8	177.3	94.8	115.6	122.
Vendenheim	98.8	123.3	148.8	66.3	87.1	93.
Andolsheim	48.7	96.0	170.3	112.1	132.8	115.
Balgau	50.4	113.1	189.2	130.9	151.7	134.
Gueberschwihr	40.9	95.8	178.8	123.3	144.0	123.
Bitschwiller-les-Thann	32.3	71.0	166.0	146.7	147.3	109.
Husseren-Wesserling	41.9	62.4	157.5	156.2	138.7	101.
Dietwiller	37.9	100.7	194.3	136.0	156.8	139.
Riedisheim	30.4	93.2	188.2	133.1	153.9	132.
Wahlbach	42.5	108.0	203.1	150.2	170.9	146.
Chalampé	38.7	101.4	195.4	137.2	157.9	140.
Sausheim	29.7	92.4	187.5	130.3	151.0	131.
Niederentzen	44.4	100.9	179.3	121.1	141.8	124.
Dossenheim-Kochersberg	98.0	125.7	152.9	70.5	91.2	98.
Hangenbieten	88.1	116.0	161.8	79.4	100.2	106.
Osthoffen	89.8	117.5	154.2	71.8	92.5	99.
Rohr	107.5	120.7	146.2	63.7	84.5	91.
Willgottheim	103.6	119.1	144.6	62.1	82.9	89.
Marckolsheim	64.6	102.4	167.4	109.2	130.0	112.
Muhlbach-sur-Bruche	95.7	94.6	151.8	88.2	109.0	96.
Saales	92.5	68.6	133.1	112.1	114.4	78.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Allenwiller	100.4	112.4	137.9	55.4	76.2	82.
Friedolsheim	106.8	114.5	140.0	57.5	78.3	85.
Geiswiller	117.0	118.7	144.2	61.7	82.5	89.
Goerlingen	135.2	96.8	122.2	50.5	71.2	67.
Haegen	113.3	111.9	137.3	56.5	77.2	82.
Hattmatt	112.5	107.2	132.6	50.2	71.0	77.
Kirrberg	135.3	100.8	126.3	48.8	69.6	71.
Monswiller	109.0	105.9	131.4	48.9	69.7	76.
Ringeldorf	116.5	121.9	147.4	64.9	85.7	92.
Salenthal	102.9	115.0	140.4	58.0	78.8	85.
Schalkendorf	116.7	122.0	147.4	65.0	85.8	92.
Siewiller	129.4	106.6	132.1	39.8	60.6	77.
Steinbourg	111.9	106.6	132.1	49.6	70.4	77.
Wilwisheim	112.3	114.4	139.8	57.4	78.1	84.
Wingen-sur-Moder	137.9	126.8	152.2	60.4	81.2	97.
Aschbach	130.9	147.9	173.4	90.9	111.7	118.
Kesseldorf	116.2	137.9	163.3	80.9	101.6	108.
Lobsann	130.9	143.6	169.0	86.6	107.3	114.
Niederroedern	121.6	143.2	168.7	86.2	107.0	113.
Retschwiller	127.4	140.0	165.5	83.0	103.8	110.
Trimbach	129.0	150.7	176.1	93.7	114.4	121.
Gambsheim	106.1	127.8	153.2	70.8	91.5	98.
Krautwiller	106.0	121.0	146.5	64.0	84.8	91.
Schirrhein	116.6	134.5	160.0	77.5	98.3	105.
Uhlwiller	112.9	122.7	148.2	65.7	86.5	93.
Houssen	51.8	93.0	168.3	110.0	130.7	113.
Eguisheim	45.6	89.7	172.7	117.7	138.4	117.
Kientzheim	54.7	83.7	163.0	114.9	135.7	108.
Lapoutroie	65.4	73.3	152.7	127.8	133.9	97.
Le Bonhomme	69.5	67.1	146.5	131.8	127.7	91.
Ostheim	51.6	93.6	166.6	108.3	129.1	111.
Berentzwiller	48.2	113.8	208.8	151.7	172.4	152.
Chavannes-sur-l'Etang	16.9	90.1	185.2	158.6	166.4	128.
Dolleren	33.3	69.0	164.0	161.6	145.2	107.
Falkwiller	20.6	90.7	185.7	146.4	167.0	129.
Fellering	42.9	61.7	156.8	157.2	138.0	100.
Guevenatten	22.5	93.4	188.5	148.8	169.5	132.
Hundsbach	42.4	107.9	202.9	154.4	175.1	146.
Illfurth	31.9	96.4	191.4	145.5	166.2	135.
Jettingen	45.4	110.9	205.9	150.3	171.1	149.
Seppois-le-Bas	36.7	101.8	196.8	166.2	178.0	140.
Sondersdorf	54.5	119.6	214.6	165.8	186.6	158.
Sternenberg	19.8	89.9	184.9	145.6	166.2	128.
Storckensohn	45.1	59.2	154.2	159.5	135.4	98.
Tagsdorf	38.7	104.2	199.2	153.3	174.0	143.
Wolschwiller	62.1	127.2	222.2	164.6	185.4	166.
Hagenthal-le-Haut	58.1	120.9	214.0	155.8	176.5	159.
Landser	38.2	100.5	195.5	141.3	162.1	139.
Zimmersheim	36.6	99.0	194.1	138.1	158.9	137.
Bantzenheim	41.0	103.8	195.9	137.6	158.3	140.
Petit-Landau	45.2	107.9	201.2	143.0	163.7	146.
Reiningue	27.1	86.5	181.5	139.0	159.8	125.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Wittenheim	32.3	95.1	190.1	132.6	153.4	133.
Guebwiller	36.4	93.0	188.0	133.5	154.2	131.
Rumersheim-le-Haut	41.9	104.6	195.7	137.4	158.2	140.
Staffelfelden	28.6	85.2	180.2	136.4	157.1	124.
Achenheim	91.6	119.5	156.9	74.4	95.2	101.
Blaesheim	83.2	111.1	166.1	83.6	104.4	111.
Duppigheim	82.6	110.4	163.2	80.8	101.5	108.
Fessenheim-le-Bas	98.8	124.6	150.2	67.7	88.5	95.
Geispolsheim	84.8	112.7	161.0	78.6	99.3	106.
Kolbsheim	87.1	115.0	158.8	76.3	97.1	103.
Kuttolsheim	100.5	123.1	148.6	66.1	86.9	93.
Pfulgriesheim	99.6	127.5	153.5	71.1	91.8	98.
Quatzenheim	98.0	125.7	152.9	70.5	91.2	98.
Schnersheim	102.6	125.5	150.9	68.5	89.2	96.
Bindernheim	80.9	108.8	173.8	106.4	127.2	118.
Blienschwiller	72.5	96.8	161.8	97.7	118.5	106.
Boofzheim	84.1	112.0	177.1	97.9	118.7	122.
Elsenheim	65.0	104.4	169.5	111.3	132.1	114.
Friesenheim	84.0	114.8	179.9	101.9	122.7	124.
Kertzfeld	75.9	103.8	168.8	94.3	115.1	113.
Kintzheim	63.8	89.5	154.6	98.6	119.4	99.
La Vancelle	73.1	79.4	144.4	108.8	125.7	89.
Le Hohwald	85.5	95.3	153.5	101.5	122.2	98.
Matzenheim	76.0	103.9	168.9	88.7	109.5	114.
Nordhouse	82.8	110.7	165.3	82.9	103.7	110.
Richtolsheim	73.4	107.0	172.1	113.9	134.6	117.
Sand	77.1	105.0	170.1	91.1	111.8	115.
Sermersheim	70.6	98.5	163.6	96.4	117.1	108.
Albé	74.1	87.3	152.4	103.1	123.9	97.
Breitenau	77.4	87.5	152.6	107.4	128.1	97.
Dangolsheim	89.7	111.6	152.2	69.7	90.5	97.
Grandfontaine	109.8	79.0	134.2	92.1	112.5	79.
Grendelbruch	96.3	98.1	155.2	93.5	114.3	100.
Molsheim	84.0	108.9	156.0	73.5	94.3	101.
Natzwiller	104.5	89.8	147.0	102.4	123.2	92.
Neuve-Eglise	72.5	87.7	152.8	101.6	122.3	97.
Saint-Nabor	80.3	108.2	170.5	89.1	109.9	115.
Schirmeck	102.7	87.8	143.0	95.7	116.5	88.
Soultz-les-Bains	87.3	112.9	151.4	68.9	89.7	96.
Still	90.1	106.0	159.7	77.3	98.0	104.
Thanvillé	68.2	87.6	152.7	100.4	121.2	97.
Urbeis	81.0	86.0	151.1	110.0	130.8	96.
Adamswiller	139.8	117.0	142.5	41.6	62.3	87.
Altenheim	108.1	113.8	139.3	56.8	77.6	84.
Asswiller	135.7	112.9	138.4	41.7	62.5	83.
Bettwiller	135.7	112.9	138.3	37.5	58.2	83.
Bossendorf	108.6	113.9	139.4	56.9	77.7	84.
Dossenheim-sur-Zinsel	115.0	109.7	135.1	52.7	73.4	80.
Eschwiller	123.3	102.9	128.3	49.4	70.1	73.
Gottenhouse	106.2	110.6	136.0	53.6	74.4	81.
Gottesheim	117.0	116.2	141.6	59.2	79.9	86.
Hinsingen	145.3	124.9	136.0	34.7	55.5	82.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Kleingoeft	102.1	112.7	138.2	55.8	76.5	83.
Knoersheim	103.1	114.3	139.8	57.3	78.1	84.
Littenheim	112.1	115.7	141.2	58.7	79.5	86.
Lohr	132.9	110.1	135.6	44.1	64.8	80.
Mackwiller	136.5	116.1	139.6	38.3	59.1	86.
Marmoutier	101.2	111.4	136.9	54.4	75.2	81.
Oermingen	142.3	121.9	134.8	33.5	54.2	89.
Pfaffenhoffen	119.7	125.1	150.5	68.1	88.8	95.
Pfalzweyer	124.0	101.2	126.7	47.5	68.2	71.
Rangen	100.3	117.0	142.4	60.0	80.8	87.
Sarre-Union	133.6	113.1	136.6	35.3	56.1	83.
Scherlenheim	114.1	117.8	143.3	60.9	81.6	88.
Schwindratzheim	108.4	114.3	139.8	57.4	78.1	84.
Weinbourg	126.3	123.7	149.2	61.3	82.0	94.
Beinheim	120.0	141.7	167.1	84.7	105.4	112.
Croettwiller	126.6	148.2	173.7	91.2	112.0	118.
Forstheim	121.7	134.4	159.9	77.4	98.2	104.
Hegeney	121.1	133.7	159.2	76.7	97.5	104.
Memmelshoffen	130.6	143.2	168.7	86.3	107.0	113.
Mothern	123.5	145.2	170.6	88.2	108.9	115.
Oberbronn	128.7	138.2	163.7	72.1	100.2	108.
Oberroedern	132.0	144.7	170.1	87.7	108.4	115.
Reichshoffen	124.2	136.9	162.4	71.8	100.7	107.
Riedseltz	135.6	148.3	173.7	91.3	112.0	118.
Rott	141.4	154.1	179.5	96.5	117.8	124.
Stundwiller	129.4	146.7	172.1	89.7	110.4	117.
Uberach	119.8	125.3	150.8	68.3	89.1	95.
Wintzenbach	123.4	145.1	170.5	88.1	108.8	115.
Auenheim	114.0	135.6	161.1	78.6	99.4	106.
Batzendorf	107.3	119.9	145.4	62.9	83.7	90.
Bilwisheim	106.0	124.5	150.0	67.5	88.3	95.
Eckwersheim	102.6	122.2	147.7	65.2	86.0	92.
Gries	110.4	132.0	157.4	75.0	95.7	102.
Kriegsheim	107.7	120.8	146.3	63.8	84.6	91.
Kurtzenhouse	107.5	129.1	154.6	72.1	92.9	99.
La Wantzenau	104.1	126.5	152.0	69.5	90.3	97.
Neuhaeusel	121.8	143.4	168.9	86.5	107.2	114.
Niederschaeffolsheim	106.8	119.5	145.0	62.5	83.3	90.
Oberhoffen-sur-Moder	112.9	131.2	156.6	74.2	94.9	101.
Roeschwoog	116.7	138.4	163.8	81.4	102.1	108.
Rottelsheim	105.3	120.5	146.0	63.5	84.3	91.
Durrenentzen	57.4	103.0	176.6	118.3	139.0	121.
Vogelgrun	56.8	107.7	182.0	123.8	144.5	127.
Weckolsheim	51.2	105.7	180.0	121.8	142.5	125.
Bergheim	58.1	93.8	158.8	104.5	125.3	103.
Eschbach-au-Val	64.0	75.2	169.6	131.1	150.9	113.
Hattstatt	42.2	94.5	177.6	122.1	142.8	122.
Katzenthal	51.9	88.6	168.6	116.3	137.0	113.
Rodern	62.9	90.0	155.1	105.1	125.9	100.
Soultzeren	68.0	64.6	159.1	135.1	140.3	102.
Stosswihr	64.6	68.1	162.6	131.7	143.8	106.
Turckheim	49.8	85.6	170.8	115.8	136.5	115.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Ballersdorf	28.2	101.1	196.2	154.6	175.3	140.
Bourbach-le-Bas	31.2	83.5	178.5	151.0	159.7	122.
Bouxwiller	53.0	118.1	213.1	158.1	178.9	156.
Diefmatten	18.1	88.2	183.3	143.9	164.5	127.
Emlingen	38.7	104.2	199.2	153.3	174.0	143.
Feldbach	44.0	109.1	204.1	162.3	183.1	147.
Hagenbach	28.3	94.9	190.0	148.8	169.6	133.
Hirsingue	39.7	105.8	200.8	156.0	176.7	144.
Hochstatt	26.0	88.2	183.2	137.3	158.0	127.
Levoncourt	46.8	111.8	206.9	173.1	188.1	150.
Rammersmatt	33.6	81.1	176.2	148.7	157.4	119.
Rimbach-près-Masevaux	36.2	74.3	169.3	164.5	150.5	113.
Roderen	30.6	80.8	175.9	147.6	157.1	119.
Romagny	24.4	97.6	192.6	159.8	173.9	136.
Saint-Amarin	40.7	63.7	158.7	155.0	139.9	102.
Saint-Cosme	19.6	92.3	187.3	149.2	168.6	131.
Soppe-le-Bas	18.1	89.0	184.1	144.4	165.1	127.
Soppe-le-Haut	20.9	86.7	181.7	147.4	163.0	125.
Spechbach-le-Bas	27.4	93.6	188.6	146.9	167.6	132.
Traubach-le-Haut	24.8	94.9	190.0	150.7	171.2	133.
Ueberstrass	36.7	101.8	196.8	166.2	178.0	140.
Willer	45.6	111.1	206.1	158.1	178.8	149.
Willer-sur-Thur	35.1	70.3	165.4	149.4	146.6	109.
Wolfersdorf	24.3	97.4	192.5	153.0	173.7	136.
Blotzheim	44.9	107.6	200.8	142.5	163.3	145.
Geispitzen	43.1	105.8	199.5	141.2	161.9	144.
Habsheim	33.4	96.1	189.8	131.5	152.3	134.
Hagenthal-le-Bas	58.1	120.9	214.0	155.8	176.5	159.
Huningue	45.7	108.5	201.6	143.3	164.1	146.
Kappelen	45.4	108.2	201.3	143.0	163.8	146.
Liebenswiller	61.3	126.6	219.7	161.5	182.2	164.
Ranspach-le-Haut	47.2	112.7	206.2	148.0	168.7	151.
Steinbrunn-le-Bas	36.3	98.5	193.6	143.7	164.4	137.
Steinbrunn-le-Haut	38.7	100.9	196.0	146.1	166.8	139.
Flaxlanden	32.1	94.3	189.3	142.1	162.8	133.
Heimsbrunn	24.2	88.8	183.9	141.4	162.1	127.
Hombourg	38.2	101.0	195.0	136.7	157.5	139.
Ottmarsheim	36.6	99.4	193.4	135.1	155.9	138.
Aspach-le-Bas	22.7	81.3	176.3	139.5	157.5	120.
Bergholtz-zell	37.4	93.9	188.6	132.2	153.0	132.
Bernwiller	21.8	87.9	183.0	141.8	162.6	126.
Ensisheim	38.3	96.2	183.6	125.4	146.1	128.
Linthal	43.6	95.5	190.5	140.6	161.4	134.
Murbach	40.3	96.8	191.8	137.3	158.1	135.
Pulversheim	34.8	92.6	187.7	133.7	154.4	131.
Handschuheim	95.4	123.1	152.9	70.4	91.2	97.
Mundolsheim	98.8	124.8	150.3	67.8	88.6	95.
Heiligenstein	76.2	104.1	169.1	91.3	112.0	114.
Mittelbergheim	75.3	102.6	167.7	91.3	112.1	112.
Orschwiller	60.2	90.1	155.2	101.7	122.5	100.
Colroy-la-Roche	88.8	79.4	136.6	107.4	117.9	81.
Saint-Martin	74.0	86.7	151.7	103.0	123.8	96.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Waldersbach	92.0	81.9	139.1	104.7	120.3	84.
Burbach	136.5	108.8	134.3	38.3	59.1	77.
Herbitzheim	141.5	121.0	131.4	30.1	50.9	86.
Hirschland	135.5	103.1	128.6	43.2	63.9	73.
Hochfelden	109.5	115.4	140.9	58.4	79.2	85.
La Petite-Pierre	132.0	115.6	141.1	49.3	70.1	86.
Maennolsheim	104.7	112.1	137.6	55.1	75.9	82.
Mutzenhouse	112.3	118.3	143.7	61.3	82.0	88.
Sarrewerden	133.9	112.8	136.9	35.6	56.4	81.
Weyer	133.1	110.3	135.8	40.3	61.0	80.
Wolfskirchen	138.9	108.5	134.0	40.7	61.4	77.
Engwiller	123.1	128.5	153.9	71.5	92.2	99.
Froeschwiller	127.9	140.6	166.0	76.7	104.3	111.
Lauterbourg	126.2	147.8	173.3	90.8	111.6	118.
Obersteinbach	143.0	155.6	181.1	70.4	101.6	126.
Preuschdorf	130.7	143.3	168.8	85.9	107.1	113.
Wissembourg	139.4	152.1	177.5	94.2	115.8	122.
Woerth	124.2	136.8	162.3	79.8	100.6	107.
Haguenau	110.3	122.9	148.4	65.9	86.7	93.
Herrlisheim	110.2	131.8	157.3	74.8	95.6	102.
Bischwihr	50.4	97.7	172.1	113.8	134.6	117.
Walbach	54.4	79.9	174.3	120.6	141.3	118.
Wasserbourg	64.8	86.4	180.8	131.9	152.7	124.
Westhalten	36.8	93.3	183.5	127.1	147.9	128.
Biederthal	67.0	129.8	222.9	164.6	185.4	167.
Dannemarie	27.1	98.1	193.1	152.0	172.8	136.
Ferrette	51.2	116.3	211.4	164.4	185.2	155.
Kirchberg	30.2	72.2	167.3	158.5	148.5	111.
Oberdorf	45.8	111.9	207.0	161.5	182.2	150.
Schwoben	37.6	103.1	198.2	152.2	173.0	142.
Wegscheid	31.0	73.2	168.3	159.3	149.5	112.
Werentzhouse	52.7	118.8	213.9	157.1	177.8	157.
Winkel	48.5	113.6	208.6	166.9	187.6	152.
Magstatt-le-Bas	45.7	107.9	202.9	145.1	165.9	146.
Stetten	45.3	107.5	202.5	144.7	165.5	146.
Wentzwiller	50.1	112.9	206.0	147.8	168.5	151.
Morschwiller-le-Bas	26.9	87.4	182.4	138.5	159.2	126.
Niffer	45.2	107.9	201.2	143.0	163.7	146.
Rimbach-près-Guebwiller	42.5	99.0	194.1	142.6	163.3	137.
Steinbach	28.9	81.6	176.6	140.4	157.9	120.
Mussig	69.3	98.7	163.7	105.5	126.3	108.
Niedernai	76.6	104.5	165.2	82.7	103.5	110.
Belmont	89.3	83.1	140.3	105.9	121.5	85.
Urmatt	92.2	103.8	161.0	84.8	105.6	106.
Bissert	137.6	117.2	140.7	39.4	60.2	82.
Lorentzen	135.8	115.4	138.9	37.6	58.4	85.
Olwisheim	107.3	126.0	151.5	69.0	89.8	96.
Schirrhoffen	116.8	137.1	162.6	80.1	100.9	107.
Soultz-Haut-Rhin	31.1	87.7	182.7	131.2	151.9	126.
Ittenheim	93.7	121.6	152.9	70.4	91.2	98.
Lingolsheim	89.5	117.4	158.2	75.8	96.5	103.
Oberhausbergen	95.5	123.4	156.2	73.7	94.5	101.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Saasenheim	75.0	108.6	173.7	111.5	132.3	118.
Saessolsheim	106.9	117.9	143.3	60.9	81.6	88.
Singrist	100.4	112.4	137.9	55.4	76.2	82.
Cleebourg	139.2	151.9	177.3	94.9	115.6	122.
Uhrwiller	126.5	129.4	154.8	72.4	93.1	99.
Neuf-Brisach	54.7	104.9	179.2	121.0	141.7	124.
Munster	63.4	72.4	166.8	130.5	148.1	110.
Osenbach	45.4	96.0	190.4	135.7	156.4	134.
Riquewihr	61.2	94.0	162.6	113.6	134.4	107.
Ammertzwiller	23.9	90.1	185.1	144.0	164.7	128.
Bettlach	58.2	123.5	216.7	158.4	179.1	161.
Hausgauen	42.4	107.9	202.9	154.4	175.1	146.
Malmerspach	37.9	65.5	160.5	152.2	141.7	104.
Lautenbach	45.8	96.9	191.9	142.8	163.6	135.
Furdenheim	93.9	121.6	151.1	68.7	89.4	96.
Wintzenheim-Kochersberg	100.4	120.8	146.2	63.8	84.6	91.
Wiwersheim	97.8	125.5	152.9	70.4	91.2	97.
Barr	74.6	102.4	167.5	90.6	111.4	112.
Benfeld	75.3	103.2	168.2	92.5	113.2	113.
Heidolsheim	68.8	98.1	163.2	105.0	125.8	108.
Hilsenheim	77.1	105.1	170.1	103.0	123.8	115.
Nothalten	75.4	98.3	163.4	95.9	116.7	108.
Obernai	78.2	106.1	166.9	84.4	105.2	111.
Ohnenheim	69.4	102.1	167.2	109.0	129.8	112.
Rossfeld	81.2	109.1	174.2	98.3	119.1	119.
Nordheim	97.8	123.4	150.5	68.1	88.8	95.
Steige	82.1	79.1	143.0	111.2	124.2	88.
Traenheim	91.1	116.7	149.7	67.3	88.0	94.
Gingsheim	112.0	121.0	146.5	64.0	84.8	91.
Ingwiller	123.5	124.2	149.6	64.7	85.4	94.
Printzheim	118.6	116.4	141.8	59.4	80.1	86.
Volksberg	148.3	131.8	157.3	56.4	77.1	102.
Weislingen	146.0	123.1	148.6	48.8	69.6	93.
Mertzwiller	116.0	128.7	154.2	71.7	92.5	99.
Mietesheim	121.9	132.2	157.6	75.2	95.9	102.
Salmbach	132.3	154.0	179.4	97.0	117.7	124.
Fort-Louis	121.2	142.9	168.3	85.9	106.6	113.
Geudertheim	107.6	124.1	149.5	67.1	87.8	94.
Soufflenheim	115.2	136.6	162.1	79.6	100.4	107.
Wahlenheim	106.0	118.7	144.2	61.7	82.5	89.
Weitbruch	111.0	127.2	152.7	70.2	91.0	97.
Fortschwihr	54.8	102.1	176.3	118.0	138.7	121.
Heiteren	55.5	109.7	184.0	125.7	146.5	129.
Wolfgangzen	53.9	102.2	176.6	118.3	139.1	121.
Beblenheim	56.0	88.8	162.5	112.1	132.8	107.
Sondernach	80.0	89.4	183.9	147.1	165.1	127.
Soultzmatt	41.2	97.7	187.8	131.5	152.2	132.
Wintzenheim	51.5	87.5	174.2	119.2	140.0	119.
Bourbach-le-Haut	33.2	82.7	177.7	156.0	159.0	121.
Bréchaumont	21.0	93.7	188.7	152.3	170.0	132.
Durmenach	50.3	116.4	211.5	160.3	181.0	155.
Hecken	20.6	90.7	185.7	146.4	167.0	129.

nom_commune	CH.Belfort	CH.Epinal	Bar.le.Duc	CH.Forbach	CH.Metz..Mercy.	CHU.Nancy..Centra
Heimersdorf	42.1	108.2	203.2	158.4	179.1	147.
Strueth	32.6	104.6	199.6	161.9	180.9	143.
Urbès	45.1	59.2	154.2	159.5	135.4	98.
Waldighoffen	46.6	112.8	207.8	159.9	180.7	151.
Magstatt-le-Haut	47.1	109.4	204.4	146.6	167.3	148.
Neuwiller	55.5	118.3	211.4	153.2	173.9	156.
Battenheim	35.3	98.1	186.7	128.5	149.2	131.
Jungholtz	37.8	94.3	189.3	137.8	158.6	133.
Réguisheim	40.7	98.0	181.2	122.9	143.6	126.

1.4 Meilleurs choix avec Haguenau (choix) et sans Haguenau (choix 2)

nom_commune	choix	choix2
Bartenheim	CH.Mulhouse	CH.Mulhouse
Diebolsheim	HTP	HTP
Rauwiller	CH.Haguenau	CH.Forbach
Moosch	CH.Mulhouse	CH.Mulhouse
Strasbourg	HTP	HTP
Bernardswiller	HTP	HTP
Gerstheim	HTP	HTP
Meistratzheim	HTP	HTP
Dachstein	HTP	HTP
Duttlenheim	HTP	HTP
Fouday	HTP	HTP
Gresswiller	HTP	HTP
Marlenheim	HTP	HTP
Oberhaslach	HTP	HTP
Rothau	HTP	HTP
Solbach	HTP	HTP
Triembach-au-Val	CH.Colmar	CH.Colmar
Bischholtz	CH.Haguenau	HTP
Bust	CH.Haguenau	CH.Forbach
Durstel	CH.Forbach	CH.Forbach
Hohengoeft	HTP	HTP
Hohfrankenheim	CH.Haguenau	HTP
Ringendorf	CH.Haguenau	HTP
Schaffhouse-sur-Zorn	CH.Haguenau	HTP
Siltzheim	CH.Forbach	CH.Forbach
Uttwiller	CH.Haguenau	HTP
Waldhambach	CH.Forbach	CH.Forbach
Zittersheim	CH.Haguenau	HTP
Gumbrechtshoffen	CH.Haguenau	HTP
Ingolsheim	CH.Haguenau	HTP
Lampertsloch	CH.Haguenau	HTP
Rothbach	CH.Haguenau	HTP
Schaffhouse-près-Seltz	CH.Haguenau	HTP
Kaltenhouse	CH.Haguenau	HTP
Stattmatten	CH.Haguenau	HTP
Grussenheim	CH.Colmar	CH.Colmar
Aubure	CH.Colmar	CH.Colmar

nom_commune	choix	choix2
Guémar	CH.Colmar	CH.Colmar
Lièpvre	CH.Colmar	CH.Colmar
Metzeral	CH.Colmar	CH.Colmar
Rombach-le-Franc	CH.Colmar	CH.Colmar
Rorschwihr	CH.Colmar	CH.Colmar
Sainte-Croix-aux-Mines	CH.Colmar	CH.Colmar
Soultzbach-les-Bains	CH.Colmar	CH.Colmar
Altenach	CH.Belfort	CH.Belfort
Eglingen	CH.Mulhouse	CH.Mulhouse
Oberlarg	CH.Mulhouse	CH.Mulhouse
Spechbach-le-Haut	CH.Mulhouse	CH.Mulhouse
Koetzingue	CH.Mulhouse	CH.Mulhouse
Berrwiller	CH.Mulhouse	CH.Mulhouse
Hartmannswiller	CH.Mulhouse	CH.Mulhouse
Munchhouse	CH.Mulhouse	CH.Mulhouse
Niederhergheim	CH.Colmar	CH.Colmar
Entzheim	HTP	HTP
Innenheim	HTP	HTP
Mittelhausbergen	HTP	HTP
Reichstett	HTP	HTP
Wolfisheim	HTP	HTP
Artolsheim	CH.Colmar	CH.Colmar
Dambach-la-Ville	CH.Colmar	CH.Colmar
Goxwiller	HTP	HTP
Hessenheim	CH.Colmar	CH.Colmar
Hindisheim	HTP	HTP
Hipsheim	HTP	HTP
Huttenheim	HTP	HTP
Krautergersheim	HTP	HTP
Saint-Pierre	HTP	HTP
Wittisheim	CH.Colmar	CH.Colmar
Altorf	HTP	HTP
Bergbieten	HTP	HTP
Bourg-Bruche	CH.Colmar	CH.Colmar
Lalaye	CH.Colmar	CH.Colmar
Lutzelhouse	HTP	HTP
Mutzig	HTP	HTP
Neubois	CH.Colmar	CH.Colmar
Odratzheim	HTP	HTP
Rosheim	HTP	HTP
Altwiller	CH.Forbach	CH.Forbach
Dehlingen	CH.Forbach	CH.Forbach
Dettwiller	CH.Haguenau	HTP
Eckartswiller	CH.Haguenau	HTP
Lichtenberg	CH.Haguenau	HTP
Lochwiller	HTP	HTP
Minversheim	CH.Haguenau	HTP
Neuwiller-lès-Saverne	CH.Haguenau	HTP
Niedersoultzbach	CH.Haguenau	HTP
Obersoultzbach	CH.Haguenau	HTP
Ottwiller	CH.Forbach	CH.Forbach
Schoenbourg	CH.Haguenau	CH.Forbach

nom_commune	choix	choix2
Schopperten	CH.Forbach	CH.Forbach
Waldolwisheim	CH.Haguenau	HTP
Wolschheim	HTP	HTP
Climbach	CH.Haguenau	HTP
Goersdorf	CH.Haguenau	HTP
Gundershoffen	CH.Haguenau	HTP
Munchhausen	CH.Haguenau	HTP
Niedersteinbach	CH.Haguenau	HTP
Rittershoffen	CH.Haguenau	HTP
Walbourg	CH.Haguenau	HTP
Bernolsheim	CH.Haguenau	HTP
Bischwiller	CH.Haguenau	HTP
Brumath	CH.Haguenau	HTP
Huttendorf	CH.Haguenau	HTP
Weyersheim	CH.Haguenau	HTP
Wintershouse	CH.Haguenau	HTP
Jebsheim	CH.Colmar	CH.Colmar
Riedwihr	CH.Colmar	CH.Colmar
Sainte-Croix-en-Plaine	CH.Colmar	CH.Colmar
Sundhoffen	CH.Colmar	CH.Colmar
Fréland	CH.Colmar	CH.Colmar
Ingersheim	CH.Colmar	CH.Colmar
Labaroche	CH.Colmar	CH.Colmar
Luttenbach-près-Munster	CH.Colmar	CH.Colmar
Zellenberg	CH.Colmar	CH.Colmar
Bendorf	CH.Mulhouse	CH.Mulhouse
Bettendorf	CH.Mulhouse	CH.Mulhouse
Friesen	CH.Mulhouse	CH.Mulhouse
Henflingen	CH.Mulhouse	CH.Mulhouse
Lauw	CH.Belfort	CH.Belfort
Linsdorf	CH.Mulhouse	CH.Mulhouse
Masevaux	CH.Belfort	CH.Belfort
Montreux-Jeune	CH.Belfort	CH.Belfort
Obermorschwiller	CH.Mulhouse	CH.Mulhouse
Ranspach	CH.Mulhouse	CH.Mulhouse
Retzwiller	CH.Belfort	CH.Belfort
Roppentzwiller	CH.Mulhouse	CH.Mulhouse
Attenschwiller	CH.Mulhouse	CH.Mulhouse
Eschentzwiller	CH.Mulhouse	CH.Mulhouse
Rixheim	CH.Mulhouse	CH.Mulhouse
Schlierbach	CH.Mulhouse	CH.Mulhouse
Lautenbach-zell	CH.Mulhouse	CH.Mulhouse
Meyenheim	CH.Colmar	CH.Colmar
Rustenhart	CH.Colmar	CH.Colmar
Bischheim	HTP	HTP
Breuschwickersheim	HTP	HTP
Hurtigheim	HTP	HTP
Lipsheim	HTP	HTP
Niederhausbergen	HTP	HTP
Pfettisheim	HTP	HTP
Plobsheim	HTP	HTP
Truchtersheim	HTP	HTP

nom_commune	choix	choix2
Ebersheim	CH.Colmar	CH.Colmar
Gertwiller	HTP	HTP
Herbsheim	HTP	HTP
Kogenheim	CH.Colmar	CH.Colmar
Limersheim	HTP	HTP
Mackenheim	CH.Colmar	CH.Colmar
Schwobsheim	CH.Colmar	CH.Colmar
Sélestat	CH.Colmar	CH.Colmar
Sundhouse	CH.Colmar	CH.Colmar
Uttenheim	HTP	HTP
Zellwiller	HTP	HTP
Blancherupt	CH.Colmar	CH.Colmar
Dahlenheim	HTP	HTP
Dorlisheim	HTP	HTP
La Broque	HTP	HTP
Plaine	HTP	HTP
Romanswiller	HTP	HTP
Villé	CH.Colmar	CH.Colmar
Wisches	HTP	HTP
Wolxheim	HTP	HTP
Erckartswiller	CH.Haguenau	HTP
Eschbourg	CH.Haguenau	HTP
Ettendorf	CH.Haguenau	HTP
Frohmuhl	CH.Forbach	CH.Forbach
Lixhausen	CH.Haguenau	HTP
Dambach	CH.Haguenau	HTP
Kindwiller	CH.Haguenau	HTP
Kutzenhausen	CH.Haguenau	HTP
Uttenhoffen	CH.Haguenau	HTP
Zinswiller	CH.Haguenau	HTP
Berstheim	CH.Haguenau	HTP
Leutenheim	CH.Haguenau	HTP
Mittelschaeffolsheim	CH.Haguenau	HTP
Rountzenheim	CH.Haguenau	HTP
Algolsheim	CH.Colmar	CH.Colmar
Appenwihr	CH.Colmar	CH.Colmar
Artzenheim	CH.Colmar	CH.Colmar
Biesheim	CH.Colmar	CH.Colmar
Geiswasser	CH.Colmar	CH.Colmar
Obersaasheim	CH.Colmar	CH.Colmar
Ammerschwihr	CH.Colmar	CH.Colmar
Herrlisheim-près-Colmar	CH.Colmar	CH.Colmar
Niedermorschwihr	CH.Colmar	CH.Colmar
Rouffach	CH.Colmar	CH.Colmar
Eteimbes	CH.Belfort	CH.Belfort
Fislis	CH.Mulhouse	CH.Mulhouse
Franken	CH.Mulhouse	CH.Mulhouse
Fulleren	CH.Mulhouse	CH.Mulhouse
Heidwiller	CH.Mulhouse	CH.Mulhouse
Heiwiller	CH.Mulhouse	CH.Mulhouse
Hirtzbach	CH.Mulhouse	CH.Mulhouse
Koestlach	CH.Mulhouse	CH.Mulhouse

nom_commune	choix	choix2
Kruth	CH.Mulhouse	CH.Mulhouse
Largitzen	CH.Mulhouse	CH.Mulhouse
Leimbach	CH.Mulhouse	CH.Mulhouse
Magny	CH.Belfort	CH.Belfort
Mortzwiller	CH.Belfort	CH.Belfort
Sickert	CH.Belfort	CH.Belfort
Tagolsheim	CH.Mulhouse	CH.Mulhouse
Vieux-Thann	CH.Mulhouse	CH.Mulhouse
Wittersdorf	CH.Mulhouse	CH.Mulhouse
Hégenheim	CH.Mulhouse	CH.Mulhouse
Hésingue	CH.Mulhouse	CH.Mulhouse
Kembs	CH.Mulhouse	CH.Mulhouse
Ranspach-le-Bas	CH.Mulhouse	CH.Mulhouse
Rantzwiller	CH.Mulhouse	CH.Mulhouse
Uffheim	CH.Mulhouse	CH.Mulhouse
Brunstatt	CH.Mulhouse	CH.Mulhouse
Zillisheim	CH.Mulhouse	CH.Mulhouse
Baldersheim	CH.Mulhouse	CH.Mulhouse
Pfastatt	CH.Mulhouse	CH.Mulhouse
Bergholtz	CH.Colmar	CH.Colmar
Hirtzfelden	CH.Colmar	CH.Colmar
Raetersheim	CH.Mulhouse	CH.Mulhouse
Strasbourg	HTP	HTP
Schiltigheim	HTP	HTP
Strasbourg	HTP	HTP
Berstett	HTP	HTP
Dingsheim	HTP	HTP
Gougenheim	HTP	HTP
Illkirch-Graffenstaden	HTP	HTP
Souffelweyersheim	HTP	HTP
Boesenbiesen	CH.Colmar	CH.Colmar
Daubensand	HTP	HTP
Dieffenthal	CH.Colmar	CH.Colmar
Epfig	HTP	HTP
Ichtratzheim	HTP	HTP
Itterswiller	HTP	HTP
Obenheim	HTP	HTP
Osthouse	HTP	HTP
Reichsfeld	HTP	HTP
Rhinau	HTP	HTP
Barembach	HTP	HTP
Bellefosse	CH.Colmar	CH.Colmar
Bischoffsheim	HTP	HTP
Breitenbach	CH.Colmar	CH.Colmar
Cosswiller	HTP	HTP
Dieffenbach-au-Val	CH.Colmar	CH.Colmar
Ergersheim	HTP	HTP
Ernolsheim-Bruche	HTP	HTP
Fouchy	CH.Colmar	CH.Colmar
Kirchheim	HTP	HTP
Maisonsgoutte	CH.Colmar	CH.Colmar
Ottrott	HTP	HTP

nom_commune	choix	choix2
Rosenwiller	HTP	HTP
Saint-Blaise-la-Roche	CH.Colmar	CH.Colmar
Saint-Maurice	CH.Colmar	CH.Colmar
Saint-Pierre-Bois	CH.Colmar	CH.Colmar
Saulxures	HTP	HTP
Alteckendorf	CH.Haguenau	HTP
Berg	CH.Forbach	CH.Forbach
Birkenwald	HTP	HTP
Butten	CH.Forbach	CH.Forbach
Diemeringen	CH.Forbach	CH.Forbach
Dimbthal	HTP	HTP
Drulingen	CH.Forbach	CH.Forbach
Duntzenheim	HTP	HTP
Ernolsheim-lès-Saverne	CH.Haguenau	HTP
Harskirchen	CH.Forbach	CH.Forbach
Hinsbourg	CH.Forbach	CH.Forbach
Ingenheim	CH.Haguenau	HTP
Keskastel	CH.Forbach	CH.Forbach
Melsheim	CH.Haguenau	HTP
Menchhoffen	CH.Haguenau	HTP
Ottersthal	CH.Haguenau	HTP
Otterswiller	CH.Haguenau	HTP
Petersbach	CH.Forbach	CH.Forbach
Puberg	CH.Haguenau	CH.Forbach
Reutenbourg	HTP	HTP
Rexingen	CH.Forbach	CH.Forbach
Rimsdorf	CH.Forbach	CH.Forbach
Sparsbach	CH.Haguenau	HTP
Tieffenbach	CH.Forbach	CH.Forbach
Voellerdingen	CH.Forbach	CH.Forbach
Zehnacker	HTP	HTP
Dieffenbach-lès-Woerth	CH.Haguenau	HTP
Durrenbach	CH.Haguenau	HTP
Eschbach	CH.Haguenau	HTP
Laubach	CH.Haguenau	HTP
Lembach	CH.Haguenau	HTP
Offwiller	CH.Haguenau	HTP
Scheibenhard	CH.Haguenau	HTP
Schleithal	CH.Haguenau	HTP
Seltz	CH.Haguenau	HTP
Soultz-sous-Forêts	CH.Haguenau	HTP
Steinseltz	CH.Haguenau	HTP
Surbourg	CH.Haguenau	HTP
Windstein	CH.Haguenau	HTP
Wingen	CH.Haguenau	HTP
Bietlenheim	CH.Haguenau	HTP
Dalhunden	CH.Haguenau	HTP
Donnenheim	CH.Haguenau	HTP
Hoerd	HTP	HTP
Kauffenheim	CH.Haguenau	HTP
Morschwiller	CH.Haguenau	HTP
Wittersheim	CH.Haguenau	HTP

nom_commune	choix	choix2
Colmar	CH.Colmar	CH.Colmar
Holtzwihr	CH.Colmar	CH.Colmar
Muntzenheim	CH.Colmar	CH.Colmar
Gundolsheim	CH.Colmar	CH.Colmar
Hohrod	CH.Colmar	CH.Colmar
Mittelwihr	CH.Colmar	CH.Colmar
Muhlbach-sur-Munster	CH.Colmar	CH.Colmar
Obermorschwihr	CH.Colmar	CH.Colmar
Orbey	CH.Colmar	CH.Colmar
Pfaffenheim	CH.Colmar	CH.Colmar
Ribeauvillé	CH.Colmar	CH.Colmar
Saint-Hippolyte	CH.Colmar	CH.Colmar
Sigolsheim	CH.Colmar	CH.Colmar
Thannenkirch	CH.Colmar	CH.Colmar
Wettolsheim	CH.Colmar	CH.Colmar
Wihr-au-Val	CH.Colmar	CH.Colmar
Altkirch	CH.Mulhouse	CH.Mulhouse
Aspach	CH.Mulhouse	CH.Mulhouse
Balschwiller	CH.Mulhouse	CH.Mulhouse
Bellemagny	CH.Belfort	CH.Belfort
Bretten	CH.Belfort	CH.Belfort
Buethwiller	CH.Mulhouse	CH.Mulhouse
Carspach	CH.Mulhouse	CH.Mulhouse
Froeningen	CH.Mulhouse	CH.Mulhouse
Hindlingen	CH.Belfort	CH.Belfort
Kiffis	CH.Mulhouse	CH.Mulhouse
Liebsdorf	CH.Mulhouse	CH.Mulhouse
Luemschwiller	CH.Mulhouse	CH.Mulhouse
Lutter	CH.Mulhouse	CH.Mulhouse
Manspach	CH.Belfort	CH.Belfort
Michelbach	CH.Mulhouse	CH.Mulhouse
Mitzach	CH.Mulhouse	CH.Mulhouse
Mollau	CH.Mulhouse	CH.Mulhouse
Montreux-Vieux	CH.Belfort	CH.Belfort
Oderen	CH.Mulhouse	CH.Mulhouse
Pfetterhouse	CH.Belfort	CH.Belfort
Raetersdorf	CH.Mulhouse	CH.Mulhouse
Sentheim	CH.Mulhouse	CH.Mulhouse
Seppois-le-Haut	CH.Mulhouse	CH.Mulhouse
Sewen	CH.Belfort	CH.Belfort
Traubach-le-Bas	CH.Belfort	CH.Belfort
Walheim	CH.Mulhouse	CH.Mulhouse
Brinckheim	CH.Mulhouse	CH.Mulhouse
Helfrantzkirch	CH.Mulhouse	CH.Mulhouse
Saint-Louis	CH.Mulhouse	CH.Mulhouse
Village-Neuf	CH.Mulhouse	CH.Mulhouse
Waltenheim	CH.Mulhouse	CH.Mulhouse
Didenheim	CH.Mulhouse	CH.Mulhouse
Galfingue	CH.Mulhouse	CH.Mulhouse
Mulhouse	CH.Mulhouse	CH.Mulhouse
Illzach	CH.Mulhouse	CH.Mulhouse
Kingersheim	CH.Mulhouse	CH.Mulhouse

nom_commune	choix	choix2
Mulhouse	CH.Mulhouse	CH.Mulhouse
Richwiller	CH.Mulhouse	CH.Mulhouse
Blodelsheim	CH.Mulhouse	CH.Mulhouse
Bollwiller	CH.Mulhouse	CH.Mulhouse
Burnhaupt-le-Haut	CH.Mulhouse	CH.Mulhouse
Cernay	CH.Mulhouse	CH.Mulhouse
Oberentzen	CH.Colmar	CH.Colmar
Oberhergheim	CH.Colmar	CH.Colmar
Rimbach-zell	CH.Mulhouse	CH.Mulhouse
Roggenhouse	CH.Mulhouse	CH.Mulhouse
Ungersheim	CH.Mulhouse	CH.Mulhouse
Fegersheim	HTP	HTP
Ostwald	HTP	HTP
Bolsenheim	HTP	HTP
Erstein	HTP	HTP
Schaeffersheim	HTP	HTP
Scherwiller	CH.Colmar	CH.Colmar
Stotzheim	HTP	HTP
Witternheim	HTP	HTP
Boersch	HTP	HTP
Griesheim-près-Molsheim	HTP	HTP
Niederhaslach	HTP	HTP
Russ	HTP	HTP
Wasselonne	HTP	HTP
Baerendorf	CH.Forbach	CH.Forbach
Domfessel	CH.Forbach	CH.Forbach
Grassendorf	CH.Haguenau	HTP
Gungwiller	CH.Forbach	CH.Forbach
Hengwiller	HTP	HTP
Issenhausen	CH.Haguenau	HTP
Landersheim	HTP	HTP
Reipertswiller	CH.Haguenau	HTP
Saverne	CH.Haguenau	HTP
Struth	CH.Forbach	CH.Forbach
Wingersheim	CH.Haguenau	HTP
Zeinheim	HTP	HTP
Bitschhoffen	CH.Haguenau	HTP
Keffenach	CH.Haguenau	HTP
Langensoultzbach	CH.Haguenau	HTP
La Walck	CH.Haguenau	HTP
Merkwiller-Pechelbronn	CH.Haguenau	HTP
Morsbronn-les-Bains	CH.Haguenau	HTP
Niederbronn-les-Bains	CH.Haguenau	HTP
Oberdorf-Spachbach	CH.Haguenau	HTP
Schoenenbourg	CH.Haguenau	HTP
Dauendorf	CH.Haguenau	HTP
Drusenheim	CH.Haguenau	HTP
Forstfeld	CH.Haguenau	HTP
Hochstett	CH.Haguenau	HTP
Offendorf	HTP	HTP
Rohrwiller	CH.Haguenau	HTP
Sessenheim	CH.Haguenau	HTP

nom_commune	choix	choix2
Dessenheim	CH.Colmar	CH.Colmar
Hettenschlag	CH.Colmar	CH.Colmar
Kunheim	CH.Colmar	CH.Colmar
Nambsheim	CH.Colmar	CH.Colmar
Urschenheim	CH.Colmar	CH.Colmar
Wickerschwihr	CH.Colmar	CH.Colmar
Breitenbach-Haut-Rhin	CH.Colmar	CH.Colmar
Griesbach-au-Val	CH.Colmar	CH.Colmar
Gunsbach	CH.Colmar	CH.Colmar
Husseren-les-Châteaux	CH.Colmar	CH.Colmar
Sainte-Marie-aux-Mines	CH.Colmar	CH.Colmar
Zimmerbach	CH.Colmar	CH.Colmar
Aspach-le-Haut	CH.Mulhouse	CH.Mulhouse
Bisel	CH.Mulhouse	CH.Mulhouse
Courtavon	CH.Belfort	CH.Belfort
Geishouse	CH.Mulhouse	CH.Mulhouse
Gommersdorf	CH.Belfort	CH.Belfort
Ligsdorf	CH.Mulhouse	CH.Mulhouse
Mertzen	CH.Belfort	CH.Belfort
Moernach	CH.Mulhouse	CH.Mulhouse
Oberbruck	CH.Belfort	CH.Belfort
Oltingue	CH.Mulhouse	CH.Mulhouse
Riespach	CH.Mulhouse	CH.Mulhouse
Saint-Ulrich	CH.Belfort	CH.Belfort
Thann	CH.Mulhouse	CH.Mulhouse
Wildenstein	CH.Mulhouse	CH.Mulhouse
Buschwiller	CH.Mulhouse	CH.Mulhouse
Folgensbourg	CH.Mulhouse	CH.Mulhouse
Knoeringue	CH.Mulhouse	CH.Mulhouse
Leymen	CH.Mulhouse	CH.Mulhouse
Michelbach-le-Haut	CH.Mulhouse	CH.Mulhouse
Rosenau	CH.Mulhouse	CH.Mulhouse
Bruebach	CH.Mulhouse	CH.Mulhouse
Buhl	CH.Mulhouse	CH.Mulhouse
Burnhaupt-le-Bas	CH.Mulhouse	CH.Mulhouse
Fessenheim	CH.Colmar	CH.Colmar
Issenheim	CH.Colmar	CH.Colmar
Munwiller	CH.Colmar	CH.Colmar
Uffholtz	CH.Mulhouse	CH.Mulhouse
Holtzheim	HTP	HTP
Oberschaeffolsheim	HTP	HTP
Baldenheim	CH.Colmar	CH.Colmar
Bernardvillé	HTP	HTP
Bourgheim	HTP	HTP
Châtenois	CH.Colmar	CH.Colmar
Eichhoffen	HTP	HTP
Muttersholtz	CH.Colmar	CH.Colmar
Valff	HTP	HTP
Avolsheim	HTP	HTP
Dinsheim	HTP	HTP
Flexbourg	HTP	HTP
Mollkirch	HTP	HTP

nom_commune	choix	choix2
Wangen	HTP	HTP
Westhoffen	HTP	HTP
Bosselshausen	CH.Haguenau	HTP
Diedendorf	CH.Forbach	CH.Forbach
Eywiller	CH.Haguenau	HTP
Hohatzenheim	CH.Haguenau	HTP
Mittelhausen	HTP	HTP
Ratzwiller	CH.Forbach	CH.Forbach
Reinhardsmunster	CH.Haguenau	HTP
Schillersdorf	CH.Haguenau	HTP
Weiterswiller	CH.Haguenau	HTP
Wimmenau	CH.Haguenau	HTP
Biblisheim	CH.Haguenau	HTP
Gunstett	CH.Haguenau	HTP
Hatten	CH.Haguenau	HTP
Hunspach	CH.Haguenau	HTP
Niederlauterbach	CH.Haguenau	HTP
Oberlauterbach	CH.Haguenau	HTP
Kilstett	HTP	HTP
Mommenheim	CH.Haguenau	HTP
Ohlungen	CH.Haguenau	HTP
Baltzenheim	CH.Colmar	CH.Colmar
Logelheim	CH.Colmar	CH.Colmar
Bennwihr	CH.Colmar	CH.Colmar
Hunawihr	CH.Colmar	CH.Colmar
Illhaeusern	CH.Colmar	CH.Colmar
Kaysersberg	CH.Colmar	CH.Colmar
Durlinsdorf	CH.Mulhouse	CH.Mulhouse
Elbach	CH.Belfort	CH.Belfort
Grentzingen	CH.Mulhouse	CH.Mulhouse
Guewenheim	CH.Mulhouse	CH.Mulhouse
Muespach-le-Haut	CH.Mulhouse	CH.Mulhouse
Niederbruck	CH.Belfort	CH.Belfort
Ruederbach	CH.Mulhouse	CH.Mulhouse
Steinsoultz	CH.Mulhouse	CH.Mulhouse
Vieux-Ferrette	CH.Mulhouse	CH.Mulhouse
Michelbach-le-Bas	CH.Mulhouse	CH.Mulhouse
Sierentz	CH.Mulhouse	CH.Mulhouse
Zaessingue	CH.Mulhouse	CH.Mulhouse
Lutterbach	CH.Mulhouse	CH.Mulhouse
Ruelisheim	CH.Mulhouse	CH.Mulhouse
Feldkirch	CH.Mulhouse	CH.Mulhouse
Merxheim	CH.Colmar	CH.Colmar
Hoenheim	HTP	HTP
Durningen	HTP	HTP
Eckbolsheim	HTP	HTP
Eschau	HTP	HTP
Kienheim	HTP	HTP
Lampertheim	HTP	HTP
Bootzheim	CH.Colmar	CH.Colmar
Ebersmunster	CH.Colmar	CH.Colmar
Schoenau	CH.Colmar	CH.Colmar

nom_commune	choix	choix2
Bassemberg	CH.Colmar	CH.Colmar
Heiligenberg	HTP	HTP
Wildersbach	HTP	HTP
Buswiller	CH.Haguenau	HTP
Furchhausen	CH.Haguenau	HTP
Lupstein	CH.Haguenau	HTP
Niedermodern	CH.Haguenau	HTP
Rosteig	CH.Haguenau	HTP
Saint-Jean-Saverne	CH.Haguenau	HTP
Waltenheim-sur-Zorn	CH.Haguenau	HTP
Hoffen	CH.Haguenau	HTP
Siegen	CH.Haguenau	HTP
Vendenheim	HTP	HTP
Andolsheim	CH.Colmar	CH.Colmar
Balgau	CH.Colmar	CH.Colmar
Gueberschwihr	CH.Colmar	CH.Colmar
Bitschwiller-les-Thann	CH.Mulhouse	CH.Mulhouse
Husseren-Wesserling	CH.Mulhouse	CH.Mulhouse
Dietwiller	CH.Mulhouse	CH.Mulhouse
Riedisheim	CH.Mulhouse	CH.Mulhouse
Wahlbach	CH.Mulhouse	CH.Mulhouse
Chalampé	CH.Mulhouse	CH.Mulhouse
Sausheim	CH.Mulhouse	CH.Mulhouse
Niederentzen	CH.Colmar	CH.Colmar
Dossenheim-Kochersberg	HTP	HTP
Hangenbieten	HTP	HTP
Osthoffen	HTP	HTP
Rohr	HTP	HTP
Willgottheim	HTP	HTP
Marckolsheim	CH.Colmar	CH.Colmar
Muhlbach-sur-Bruche	HTP	HTP
Saales	CH.Colmar	CH.Colmar
Allenwiller	HTP	HTP
Friedolsheim	HTP	HTP
Geiswiller	CH.Haguenau	HTP
Goerlingen	CH.Haguenau	CH.Forbach
Haegen	CH.Haguenau	HTP
Hattmatt	CH.Haguenau	HTP
Kirrberg	CH.Haguenau	CH.Forbach
Monswiller	CH.Haguenau	HTP
Ringeldorf	CH.Haguenau	HTP
Salenthal	HTP	HTP
Schalkendorf	CH.Haguenau	HTP
Siewiller	CH.Forbach	CH.Forbach
Steinbourg	CH.Haguenau	HTP
Wilwisheim	CH.Haguenau	HTP
Wingen-sur-Moder	CH.Haguenau	HTP
Aschbach	CH.Haguenau	HTP
Kesseldorf	CH.Haguenau	HTP
Lobsann	CH.Haguenau	HTP
Niederroedern	CH.Haguenau	HTP
Retschwiller	CH.Haguenau	HTP

nom_commune	choix	choix2
Trimbach	CH.Haguenau	HTP
Gambsheim	HTP	HTP
Krautwiller	CH.Haguenau	HTP
Schirrhein	CH.Haguenau	HTP
Uhlwiller	CH.Haguenau	HTP
Houssen	CH.Colmar	CH.Colmar
Eguisheim	CH.Colmar	CH.Colmar
Kientzheim	CH.Colmar	CH.Colmar
Lapoutroie	CH.Colmar	CH.Colmar
Le Bonhomme	CH.Colmar	CH.Colmar
Ostheim	CH.Colmar	CH.Colmar
Berentzwiller	CH.Mulhouse	CH.Mulhouse
Chavannes-sur-l'Etang	CH.Belfort	CH.Belfort
Dolleren	CH.Belfort	CH.Belfort
Falkwiller	CH.Belfort	CH.Belfort
Fellering	CH.Mulhouse	CH.Mulhouse
Guevenatten	CH.Belfort	CH.Belfort
Hundsbach	CH.Mulhouse	CH.Mulhouse
Illfurth	CH.Mulhouse	CH.Mulhouse
Jettingen	CH.Mulhouse	CH.Mulhouse
Seppois-le-Bas	CH.Mulhouse	CH.Mulhouse
Sondersdorf	CH.Mulhouse	CH.Mulhouse
Sternenberg	CH.Belfort	CH.Belfort
Storckensohn	CH.Mulhouse	CH.Mulhouse
Tagsdorf	CH.Mulhouse	CH.Mulhouse
Wolschwiller	CH.Mulhouse	CH.Mulhouse
Hagenthal-le-Haut	CH.Mulhouse	CH.Mulhouse
Landser	CH.Mulhouse	CH.Mulhouse
Zimmersheim	CH.Mulhouse	CH.Mulhouse
Bantzenheim	CH.Mulhouse	CH.Mulhouse
Petit-Landau	CH.Mulhouse	CH.Mulhouse
Reiningue	CH.Mulhouse	CH.Mulhouse
Wittenheim	CH.Mulhouse	CH.Mulhouse
Guebwiller	CH.Mulhouse	CH.Mulhouse
Rumersheim-le-Haut	CH.Mulhouse	CH.Mulhouse
Staffelfelden	CH.Mulhouse	CH.Mulhouse
Achenheim	HTP	HTP
Blaesheim	HTP	HTP
Duppigheim	HTP	HTP
Fessenheim-le-Bas	HTP	HTP
Geispolsheim	HTP	HTP
Kolbsheim	HTP	HTP
Kuttolsheim	HTP	HTP
Pfulgriesheim	HTP	HTP
Quatzenheim	HTP	HTP
Schnersheim	HTP	HTP
Bindernheim	CH.Colmar	CH.Colmar
Blienschwiller	CH.Colmar	CH.Colmar
Boofzheim	HTP	HTP
Elsenheim	CH.Colmar	CH.Colmar
Friesenheim	HTP	HTP
Kertzfeld	HTP	HTP

nom_commune	choix	choix2
Kintzheim	CH.Colmar	CH.Colmar
La Vancelle	CH.Colmar	CH.Colmar
Le Hohwald	HTP	HTP
Matzenheim	HTP	HTP
Nordhouse	HTP	HTP
Richtolsheim	CH.Colmar	CH.Colmar
Sand	HTP	HTP
Sermersheim	CH.Colmar	CH.Colmar
Albé	CH.Colmar	CH.Colmar
Breitenau	CH.Colmar	CH.Colmar
Dangolsheim	HTP	HTP
Grandfontaine	HTP	HTP
Grendelbruch	HTP	HTP
Molsheim	HTP	HTP
Natzwiller	HTP	HTP
Neuve-Eglise	CH.Colmar	CH.Colmar
Saint-Nabor	HTP	HTP
Schirmeck	HTP	HTP
Soultz-les-Bains	HTP	HTP
Still	HTP	HTP
Thanvillé	CH.Colmar	CH.Colmar
Urbeis	CH.Colmar	CH.Colmar
Adamswiller	CH.Forbach	CH.Forbach
Altenheim	HTP	HTP
Asswiller	CH.Forbach	CH.Forbach
Bettwiller	CH.Forbach	CH.Forbach
Bossendorf	CH.Haguenau	HTP
Dossenheim-sur-Zinsel	CH.Haguenau	HTP
Eschwiller	CH.Haguenau	HTP
Gottenhouse	HTP	HTP
Gottesheim	CH.Haguenau	HTP
Hinsingen	CH.Forbach	CH.Forbach
Kleingoeft	HTP	HTP
Knoersheim	HTP	HTP
Littenheim	CH.Haguenau	HTP
Lohr	CH.Forbach	CH.Forbach
Mackwiller	CH.Forbach	CH.Forbach
Marmoutier	HTP	HTP
Oermingen	CH.Forbach	CH.Forbach
Pfaffenhoffen	CH.Haguenau	HTP
Pfalzweyer	CH.Haguenau	HTP
Rangen	HTP	HTP
Sarre-Union	CH.Forbach	CH.Forbach
Scherlenheim	CH.Haguenau	HTP
Schwindratzheim	CH.Haguenau	HTP
Weinbourg	CH.Haguenau	HTP
Beinheim	CH.Haguenau	HTP
Croettwiller	CH.Haguenau	HTP
Forstheim	CH.Haguenau	HTP
Hegeney	CH.Haguenau	HTP
Memmelshoffen	CH.Haguenau	HTP
Mothern	CH.Haguenau	HTP

nom_commune	choix	choix2
Oberbronn	CH.Haguenau	HTP
Oberroedern	CH.Haguenau	HTP
Reichshoffen	CH.Haguenau	HTP
Riedseltz	CH.Haguenau	HTP
Rott	CH.Haguenau	HTP
Stundwiller	CH.Haguenau	HTP
Uberach	CH.Haguenau	HTP
Wintzenbach	CH.Haguenau	HTP
Auenheim	CH.Haguenau	HTP
Batzendorf	CH.Haguenau	HTP
Bilwisheim	CH.Haguenau	HTP
Eckwersheim	HTP	HTP
Gries	CH.Haguenau	HTP
Kriegsheim	CH.Haguenau	HTP
Kurtzenhouse	CH.Haguenau	HTP
La Wantzenau	HTP	HTP
Neuhaeusel	CH.Haguenau	HTP
Niederschaeffolsheim	CH.Haguenau	HTP
Oberhoffen-sur-Moder	CH.Haguenau	HTP
Roeschwoog	CH.Haguenau	HTP
Rottelsheim	CH.Haguenau	HTP
Durrenentzen	CH.Colmar	CH.Colmar
Vogelgrun	CH.Colmar	CH.Colmar
Weckolsheim	CH.Colmar	CH.Colmar
Bergheim	CH.Colmar	CH.Colmar
Eschbach-au-Val	CH.Colmar	CH.Colmar
Hattstatt	CH.Colmar	CH.Colmar
Katzenthal	CH.Colmar	CH.Colmar
Rodern	CH.Colmar	CH.Colmar
Soultzeren	CH.Colmar	CH.Colmar
Stosswihr	CH.Colmar	CH.Colmar
Turckheim	CH.Colmar	CH.Colmar
Ballersdorf	CH.Mulhouse	CH.Mulhouse
Bourbach-le-Bas	CH.Mulhouse	CH.Mulhouse
Bouxwiller	CH.Mulhouse	CH.Mulhouse
Diefmatten	CH.Belfort	CH.Belfort
Emlingen	CH.Mulhouse	CH.Mulhouse
Feldbach	CH.Mulhouse	CH.Mulhouse
Hagenbach	CH.Mulhouse	CH.Mulhouse
Hirsingue	CH.Mulhouse	CH.Mulhouse
Hochstatt	CH.Mulhouse	CH.Mulhouse
Levoncourt	CH.Belfort	CH.Belfort
Rammersmatt	CH.Mulhouse	CH.Mulhouse
Rimbach-près-Masevaux	CH.Belfort	CH.Belfort
Roderen	CH.Mulhouse	CH.Mulhouse
Romagny	CH.Belfort	CH.Belfort
Saint-Amarin	CH.Mulhouse	CH.Mulhouse
Saint-Cosme	CH.Belfort	CH.Belfort
Soppe-le-Bas	CH.Belfort	CH.Belfort
Soppe-le-Haut	CH.Belfort	CH.Belfort
Spechbach-le-Bas	CH.Mulhouse	CH.Mulhouse
Traubach-le-Haut	CH.Belfort	CH.Belfort

nom_commune	choix	choix2
Ueberstrass	CH.Mulhouse	CH.Mulhouse
Willer	CH.Mulhouse	CH.Mulhouse
Willer-sur-Thur	CH.Mulhouse	CH.Mulhouse
Wolfersdorf	CH.Belfort	CH.Belfort
Blotzheim	CH.Mulhouse	CH.Mulhouse
Geispitzen	CH.Mulhouse	CH.Mulhouse
Habsheim	CH.Mulhouse	CH.Mulhouse
Hagenthal-le-Bas	CH.Mulhouse	CH.Mulhouse
Huningue	CH.Mulhouse	CH.Mulhouse
Kappelen	CH.Mulhouse	CH.Mulhouse
Liebenswiller	CH.Mulhouse	CH.Mulhouse
Ranspach-le-Haut	CH.Mulhouse	CH.Mulhouse
Steinbrunn-le-Bas	CH.Mulhouse	CH.Mulhouse
Steinbrunn-le-Haut	CH.Mulhouse	CH.Mulhouse
Flaxlanden	CH.Mulhouse	CH.Mulhouse
Heimsbrunn	CH.Mulhouse	CH.Mulhouse
Hombourg	CH.Mulhouse	CH.Mulhouse
Ottmarsheim	CH.Mulhouse	CH.Mulhouse
Aspach-le-Bas	CH.Mulhouse	CH.Mulhouse
Bergholtz-zell	CH.Colmar	CH.Colmar
Bernwiller	CH.Mulhouse	CH.Mulhouse
Ensisheim	CH.Mulhouse	CH.Mulhouse
Linthal	CH.Mulhouse	CH.Mulhouse
Murbach	CH.Mulhouse	CH.Mulhouse
Pulversheim	CH.Mulhouse	CH.Mulhouse
Handschuheim	HTP	HTP
Mundolsheim	HTP	HTP
Heiligenstein	HTP	HTP
Mittelbergheim	HTP	HTP
Orschwiller	CH.Colmar	CH.Colmar
Colroy-la-Roche	CH.Colmar	CH.Colmar
Saint-Martin	CH.Colmar	CH.Colmar
Waldersbach	HTP	HTP
Burbach	CH.Forbach	CH.Forbach
Herbitzheim	CH.Forbach	CH.Forbach
Hirschland	CH.Forbach	CH.Forbach
Hochfelden	CH.Haguenau	HTP
La Petite-Pierre	CH.Haguenau	HTP
Maennolsheim	HTP	HTP
Mutzenhouse	CH.Haguenau	HTP
Sarrewerden	CH.Forbach	CH.Forbach
Weyer	CH.Forbach	CH.Forbach
Wolfskirchen	CH.Forbach	CH.Forbach
Engwiller	CH.Haguenau	HTP
Froeschwiller	CH.Haguenau	HTP
Lauterbourg	CH.Haguenau	HTP
Obersteinbach	CH.Haguenau	HTP
Preuschdorf	CH.Haguenau	HTP
Wissembourg	CH.Haguenau	HTP
Woerth	CH.Haguenau	HTP
Haguenau	CH.Haguenau	HTP
Herrlisheim	CH.Haguenau	HTP

nom_commune	choix	choix2
Bischwihr	CH.Colmar	CH.Colmar
Walbach	CH.Colmar	CH.Colmar
Wasserbourg	CH.Colmar	CH.Colmar
Westhalten	CH.Colmar	CH.Colmar
Biederthal	CH.Mulhouse	CH.Mulhouse
Dannemarie	CH.Belfort	CH.Belfort
Ferrette	CH.Mulhouse	CH.Mulhouse
Kirchberg	CH.Belfort	CH.Belfort
Oberdorf	CH.Mulhouse	CH.Mulhouse
Schwoben	CH.Mulhouse	CH.Mulhouse
Wegscheid	CH.Belfort	CH.Belfort
Werentzhouse	CH.Mulhouse	CH.Mulhouse
Winkel	CH.Mulhouse	CH.Mulhouse
Magstatt-le-Bas	CH.Mulhouse	CH.Mulhouse
Stetten	CH.Mulhouse	CH.Mulhouse
Wentzwiller	CH.Mulhouse	CH.Mulhouse
Morschwiller-le-Bas	CH.Mulhouse	CH.Mulhouse
Niffer	CH.Mulhouse	CH.Mulhouse
Rimbach-près-Guebwiller	CH.Mulhouse	CH.Mulhouse
Steinbach	CH.Mulhouse	CH.Mulhouse
Mussig	CH.Colmar	CH.Colmar
Niedernai	HTP	HTP
Belmont	CH.Colmar	CH.Colmar
Urmatt	HTP	HTP
Bissert	CH.Forbach	CH.Forbach
Lorentzen	CH.Forbach	CH.Forbach
Olwisheim	HTP	HTP
Schirrhoffen	CH.Haguenau	HTP
Soultz-Haut-Rhin	CH.Mulhouse	CH.Mulhouse
Ittenheim	HTP	HTP
Lingolsheim	HTP	HTP
Oberhausbergen	HTP	HTP
Saasenheim	CH.Colmar	CH.Colmar
Saessolsheim	HTP	HTP
Singrist	HTP	HTP
Cleebourg	CH.Haguenau	HTP
Uhrwiller	CH.Haguenau	HTP
Neuf-Brisach	CH.Colmar	CH.Colmar
Munster	CH.Colmar	CH.Colmar
Osenbach	CH.Colmar	CH.Colmar
Riquewihr	CH.Colmar	CH.Colmar
Ammertzwiller	CH.Mulhouse	CH.Mulhouse
Bettlach	CH.Mulhouse	CH.Mulhouse
Hausgauen	CH.Mulhouse	CH.Mulhouse
Malmerspach	CH.Mulhouse	CH.Mulhouse
Lautenbach	CH.Mulhouse	CH.Mulhouse
Furdenheim	HTP	HTP
Wintzenheim-Kochersberg	HTP	HTP
Wiwersheim	HTP	HTP
Barr	HTP	HTP
Benfeld	HTP	HTP
Heidolsheim	CH.Colmar	CH.Colmar

nom_commune	choix	choix2
Hilsenheim	CH.Colmar	CH.Colmar
Nothalten	HTP	HTP
Obernai	HTP	HTP
Ohnenheim	CH.Colmar	CH.Colmar
Rossfeld	HTP	HTP
Nordheim	HTP	HTP
Steige	CH.Colmar	CH.Colmar
Traenheim	HTP	HTP
Gingsheim	HTP	HTP
Ingwiller	CH.Haguenau	HTP
Printzheim	CH.Haguenau	HTP
Volksberg	CH.Haguenau	CH.Forbach
Weislingen	CH.Forbach	CH.Forbach
Mertzwiller	CH.Haguenau	HTP
Mietesheim	CH.Haguenau	HTP
Salmbach	CH.Haguenau	HTP
Fort-Louis	CH.Haguenau	HTP
Geudertheim	CH.Haguenau	HTP
Soufflenheim	CH.Haguenau	HTP
Wahlenheim	CH.Haguenau	HTP
Weitbruch	CH.Haguenau	HTP
Fortschwihr	CH.Colmar	CH.Colmar
Heiteren	CH.Colmar	CH.Colmar
Wolfgangtzen	CH.Colmar	CH.Colmar
Beblenheim	CH.Colmar	CH.Colmar
Sondernach	CH.Colmar	CH.Colmar
Soultzmatt	CH.Colmar	CH.Colmar
Wintzenheim	CH.Colmar	CH.Colmar
Bourbach-le-Haut	CH.Mulhouse	CH.Mulhouse
Bréchaumont	CH.Belfort	CH.Belfort
Durmenach	CH.Mulhouse	CH.Mulhouse
Hecken	CH.Belfort	CH.Belfort
Heimersdorf	CH.Mulhouse	CH.Mulhouse
Strueth	CH.Belfort	CH.Belfort
Urbès	CH.Mulhouse	CH.Mulhouse
Waldighoffen	CH.Mulhouse	CH.Mulhouse
Magstatt-le-Haut	CH.Mulhouse	CH.Mulhouse
Neuwiller	CH.Mulhouse	CH.Mulhouse
Battenheim	CH.Mulhouse	CH.Mulhouse
Jungholtz	CH.Mulhouse	CH.Mulhouse
Réguisheim	CH.Colmar	CH.Colmar

Forbach et Belfort sont un meilleur choix pour 88 communes d’Alsace si Hagueanu est actif et un meilleur choix pour 95 communes d’Alsace si Haguenau ne fonctionne pas.

2 Fichier mergé

Le fichier **dist** résulte du merging du fichier des distances **d1** et du fichier **villes2** dont on ne conserve que certaines colonnes. On récupère ainsi des infos utiles comme le code INSEE de la commune.

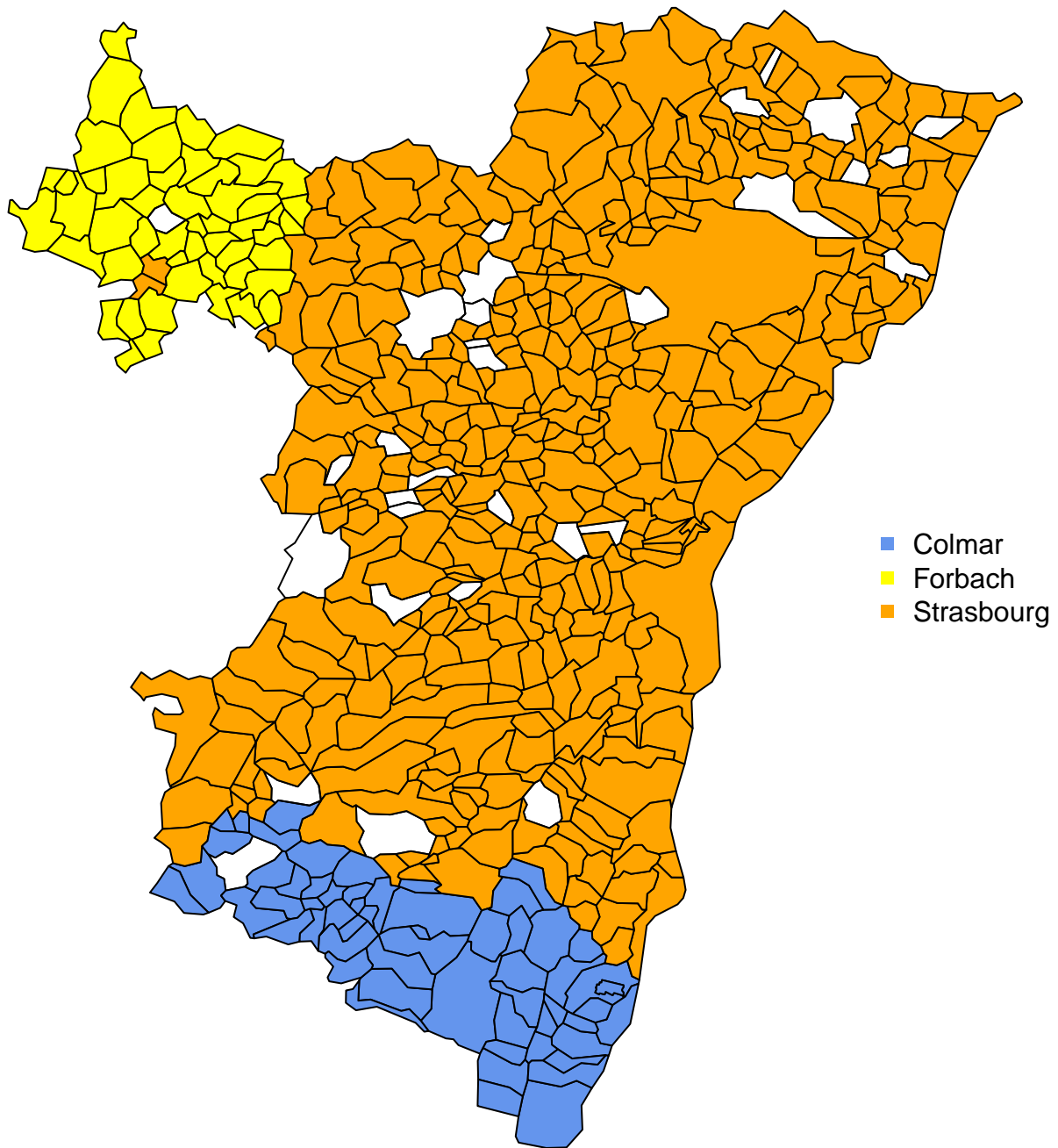
```
## 'data.frame': 869 obs. of 18 variables:
## $ nom_commune : Factor w/ 902 levels "Achenheim","Adamswiller",...: 1 2 3 4 5 6 7 8 9 10 ...
## $ numéro_département : int 67 67 67 68 67 67 68 67 68 67 ...
## $ codes_postaux : int 67204 67320 67220 68600 67310 67270 68210 67490 68130 67120 ...
## $ code_insee : int 67001 67002 67003 68001 67004 67005 68002 67006 68004 67008 ...
## $ latitude : num 48.6 48.9 48.4 48 48.7 ...
## $ longitude : num 7.63 7.2 7.32 7.57 7.38 ...
## $ HTP : num 8.3 56.5 39.3 61 25.1 22.3 90.6 28.4 88.6 20.9 ...
## $ CH.Haguenau : num 28.4 52.6 58.2 79.8 32.8 ...
## $ CH.Colmar : num 50.3 98.5 32.8 22.8 59.1 68.4 48.8 66.8 49.8 40.4 ...
## $ CH.Mulhouse : num 73.4 121.6 55.9 39.6 82.1 ...
## $ CH.Belfort : num 91.6 139.8 74.1 57.8 100.4 ...
## $ CH.Epinal : num 119.5 117 87.3 108.7 112.4 ...
## $ Bar.le.Duc : num 157 142 152 183 138 ...
## $ CH.Forbach : num 74.4 41.6 103.1 124.8 55.4 ...
## $ CH.Metz..Mercy. : num 95.2 62.3 123.9 145.6 76.2 ...
## $ CHU.Nancy..Central.: num 101.9 87.5 97.4 128.1 82.9 ...
## $ choix : chr "HTP" "CH.Forbach" "CH.Colmar" "CH.Colmar" ...
## $ choix2 : chr "HTP" "CH.Forbach" "CH.Colmar" "CH.Colmar" ...
```

2.1 Création d'une colonne de couleur par commune

2.1.1 Cartographie du Bas-Rhin

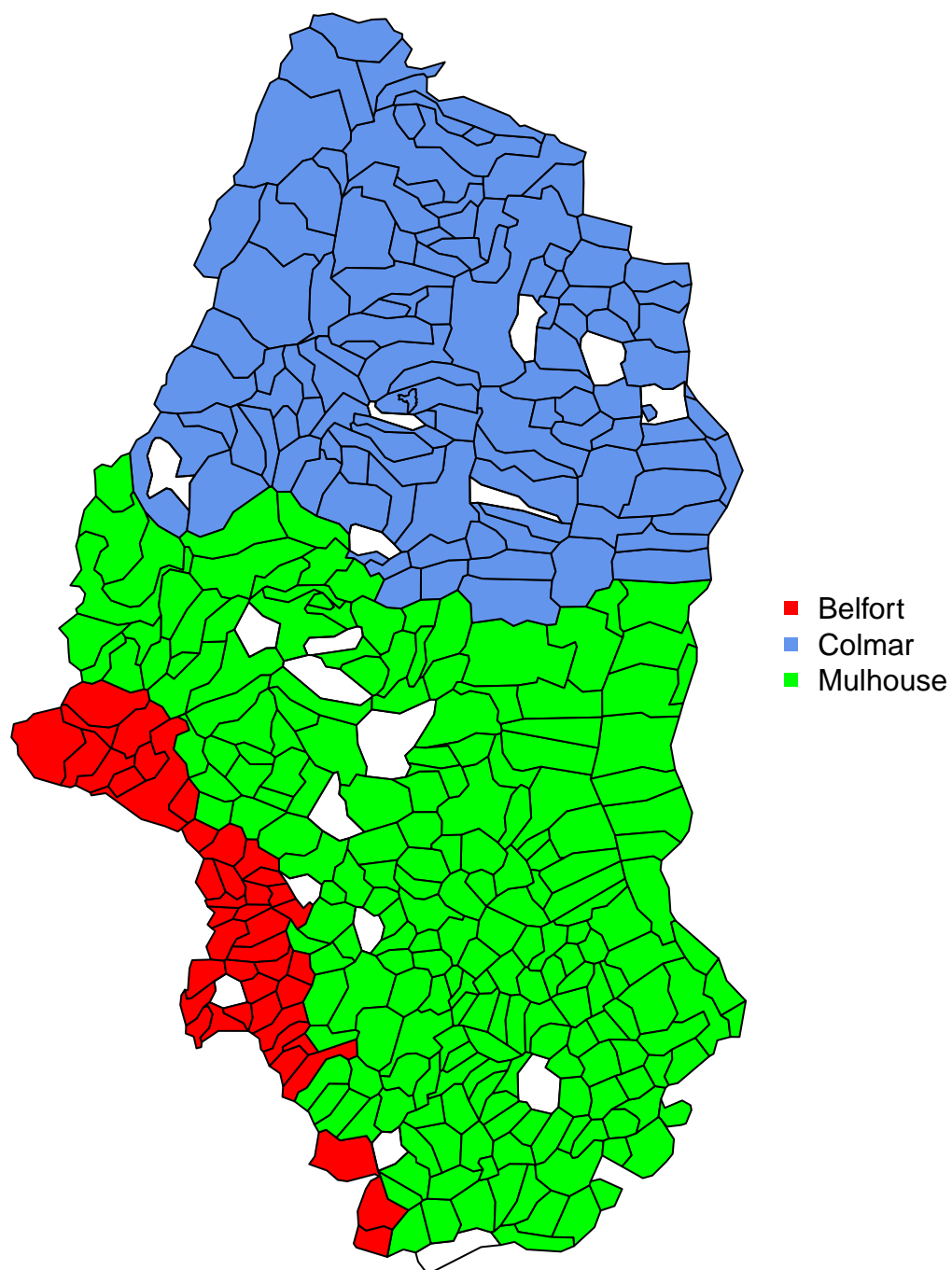
Loading required package: sp

UNV la plus proche



2.1.2 Cartographie du Haut-Rhin

UNV la plus proche



3 Cartographie

Utilise le fond de carte dynamique fournit par OpenStreetMap. Ne fonctionne qu'avec une page HTML (web).