



Schweiz**Mobil**

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# Velo-Zählanlagen 2012 - Comptages vélos de 2012

Auswertung - Dépouillements

im Auftrag der - sur mandat de la  
Stiftung SchweizMobil, Bern  
Fondation SuisseMobile

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## Velo-Zählanlagen 2012 – Übersicht

Insgesamt wurden 2012 an allen 18 Zählanlagen rund 1.47 Millionen Velos registriert. Dabei können – wie im Jahr zuvor auch – vier verschiedene „Velo-Jahreszeiten“ abgelesen werden. Zur Hauptsaison gehören bei allen Zählanlagen mindestens die Monate Juli und August. Das durchschnittliche tägliche Veloverkehrsaufkommen hat gegenüber 2011 um ca. 3 % abgenommen. Mit ein Grund hierfür liegt in den Wetterverhältnissen: In 2011 begünstigte ein früher Frühlingsbeginn mit entsprechenden Temperaturen ein hohes Veloaufkommen. In 2012 hingegen war der Jahresbeginn von einem Wechsel zwischen extremer Kälte (Februar), sommerlichen Temperaturen (März) und unbeständigem kühl-nassen Aprilwetter geprägt.

### Standorte

Die Stiftung SchweizMobil hat seit 2004 sukzessiv automatische Velo-Zählanlagen auf den nationalen Veloland-Routen eingerichtet. Die Velo-Zählanlagen werden von den Kantonen vor Ort unterhalten. Die Stiftung SchweizMobil betreibt die nationale Datenzentrale und ist für die Auswertungen der Zähldaten verantwortlich. 12 Zählanlagen sind seit 2004/2005 in Betrieb. Seit dem Jahr 2010 sind 18 Zählanlagen ganzjährig in Betrieb. Datenausfälle waren nur für einige wenige Tage zu beobachten.

In den Sommermonaten stellte sich ein Aufkommen auf dem Niveau von 2011 ein. Zur Nachsaison und zum Jahresende hin lagen die Aufkommenszahlen wegen des frühen Wintereinbruchs dann wieder unter denen des Vorjahrs. Die ermittelten Kennwerte des Jahres 2012 bewegen sich im oberen Drittel der Spannweite der vergangenen Jahreswerte. 2012 wurden an den Zählanlagen Tagesdurchschnitte zwischen 32 (Rümlang ZH) und 789 Velos (Bottighofen TG) registriert. Grundsätzlich über das Gesamtjahr betrachtet trat die Hauptlast an einem durchschnittlichen Tag an den Velo-Zählanlagen tendenziell eher während der Nachmittagsstunden auf.

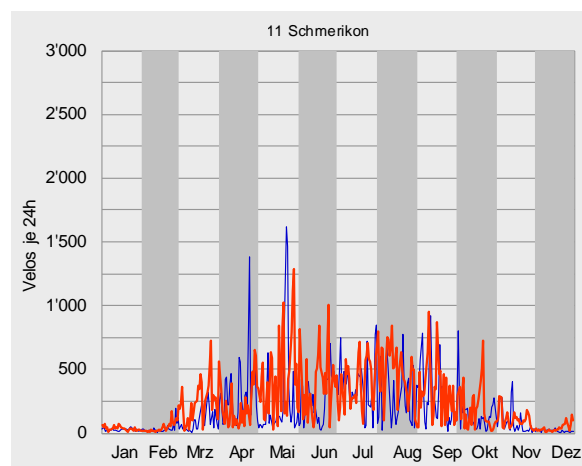
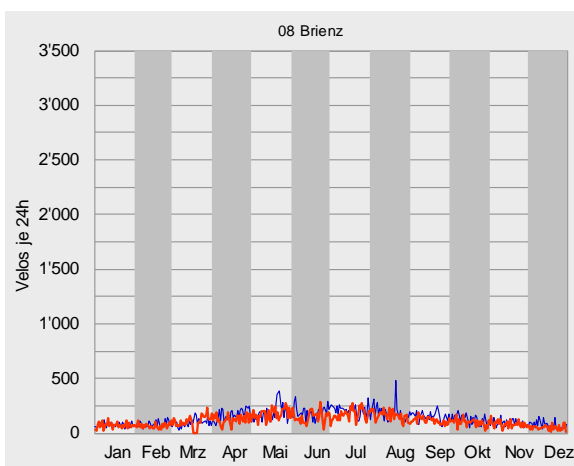
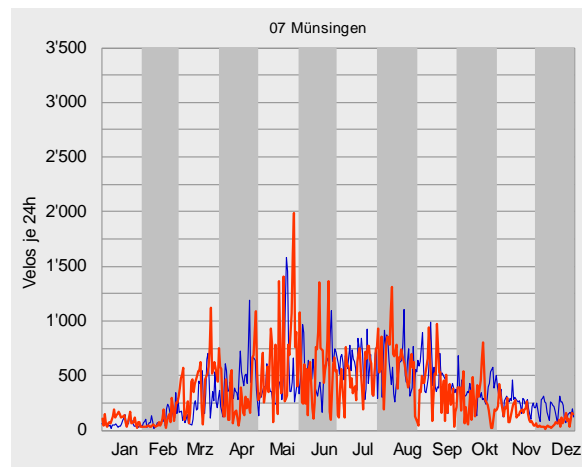
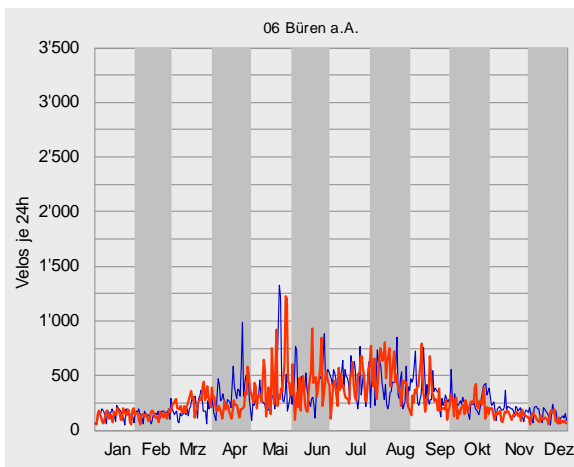
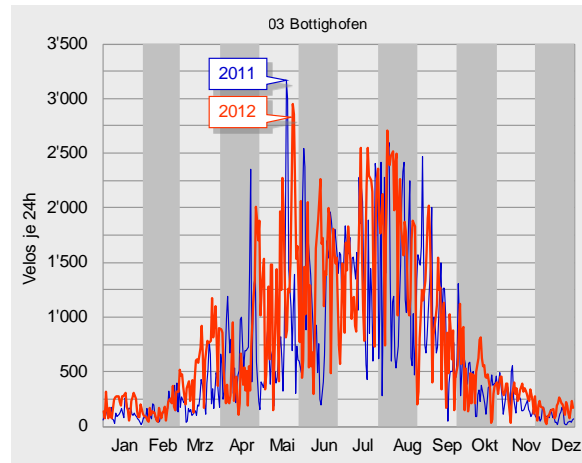
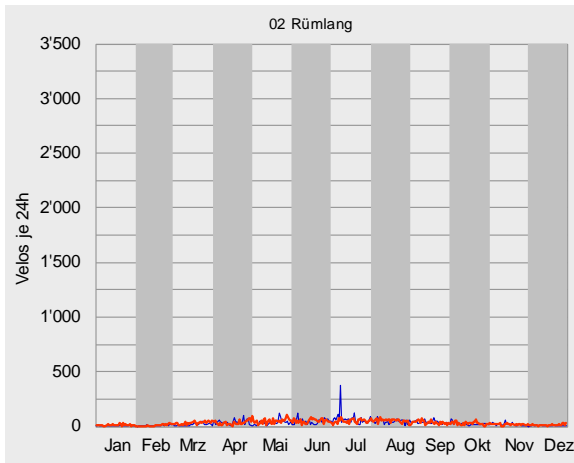
In diesem Kapitel werden die wichtigsten Ergebnisse aller insgesamt 18 Zählanlagen dargestellt. Für jede Velo-Zählanlage wurde eine Auswertung vorgenommen (siehe Kapitel „Velo-Zählanlagen – Auswertungen 2012 je Standort“). Die Methodik zur Auswertung der Velo-Zählanlagen ist in einem separaten Bericht dokumentiert (Bezug unter [www.schweizmobil.org](http://www.schweizmobil.org) --> Downloads).



## Veloverkehrsaufkommen 2012

Insgesamt wurden 2012 an allen 18 Zähleranlagen rund 1.47 Millionen Velos registriert. Wie im Jahr zuvor wurde an der Velo-Zähleranlage in Bottighofen TG das höchste Veloverkehrsaufkommen registriert. Eine ebenfalls hohe Jahresbelastung wies 2012

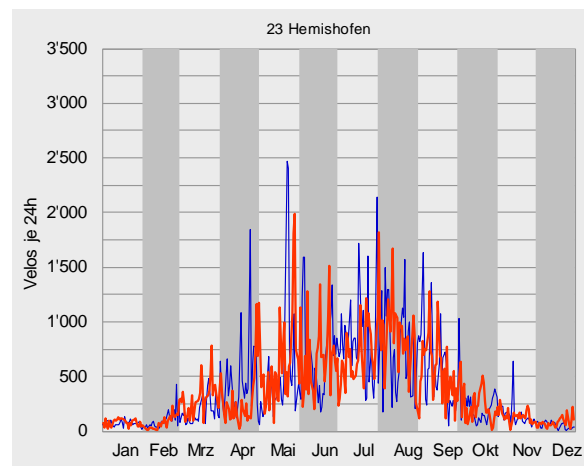
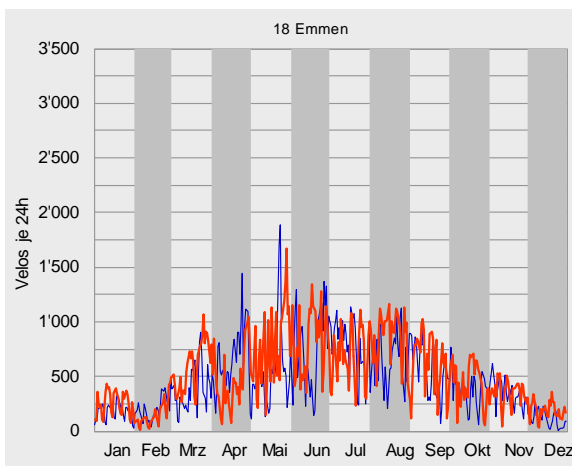
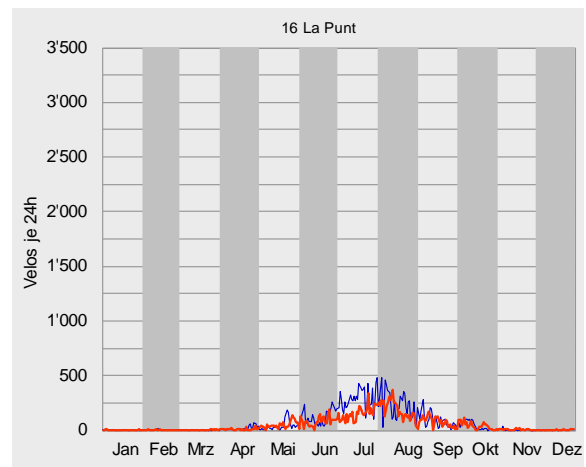
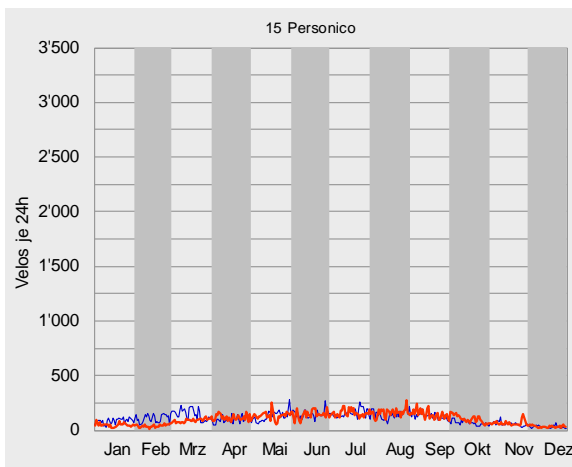
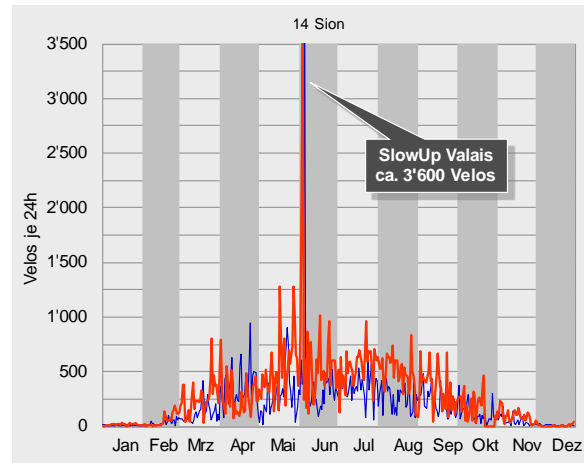
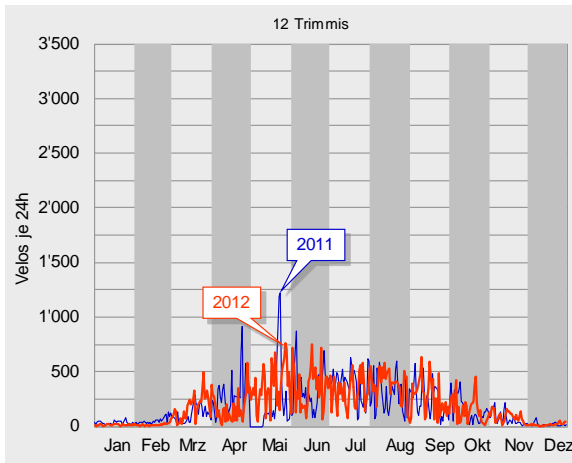
der Abschnitt in Emmen LU auf. Der direkte Vergleich der Jahresganglinien beider Zähleranlagen zeigt sehr gut die unterschiedlichen Charakteristika des Veloverkehrs an den entsprechenden Abschnitten. Die hohe Varianz bzw. die grosse Spannweite





der Daten in Bottighofen TG weisen auf (verstärkt an Wochenenden stattfindenden) Velofahrten im Rahmen des Freizeitverkehrs hin, während eine geringer um den Mittelwert gestreute Linie bei Emmen LU auf eine kontinuierliche Grundlast von werktäglich fahrenden Pendlern zurückzuführen ist.

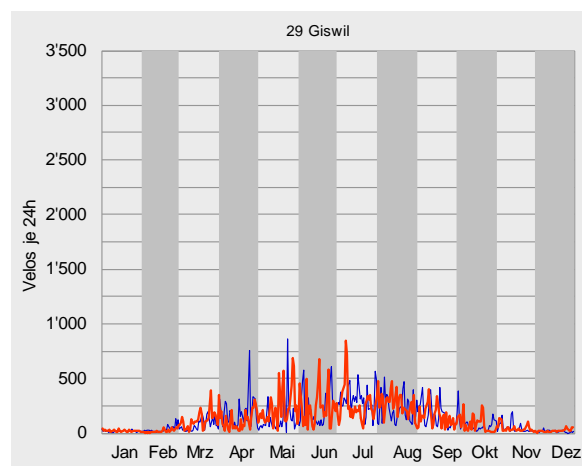
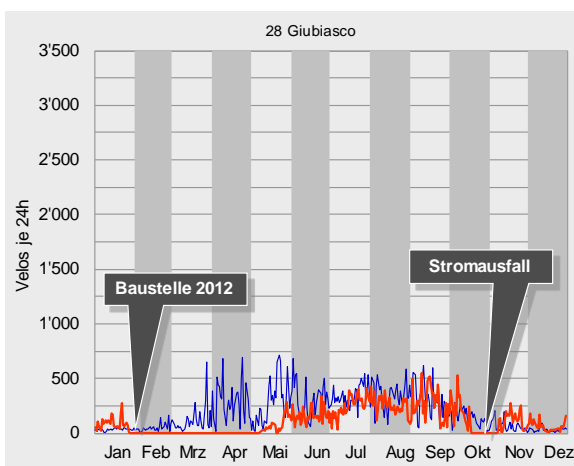
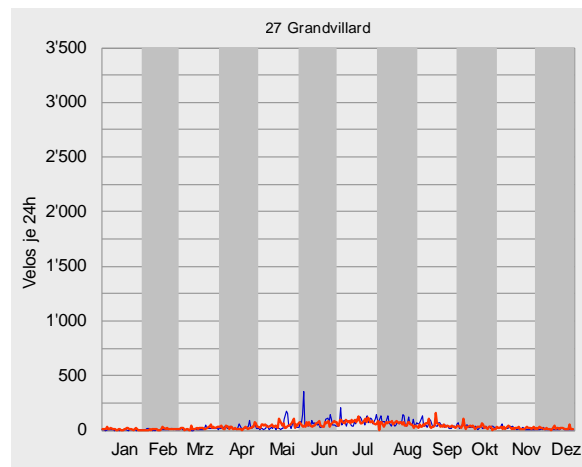
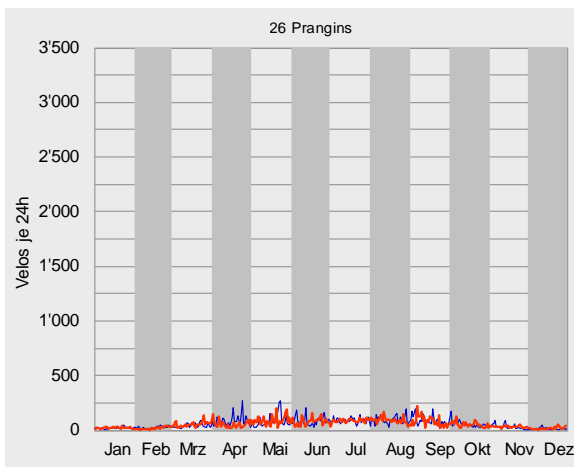
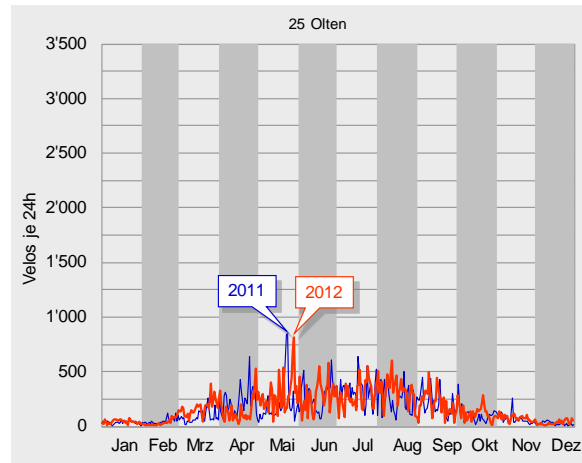
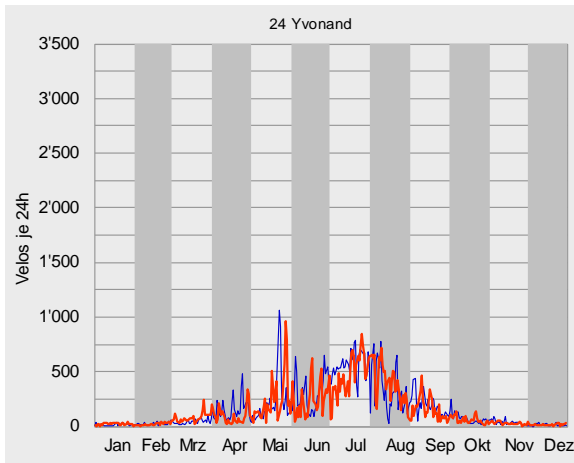
Eine ebenfalls konstante Grundlast zeigen die Jahresganglinien Personico TI und Prangins VD. Vom Freizeitverkehr geprägt sind hingegen Sion VS und La Punt GR. Bei allen anderen Abschnitten ist sowohl Pendler- wie auch Freizeitverkehr anzutreffen. Gut sichtbar wird diese Mischung auch bei der Betrachtung nach Monaten.





Dabei können – wie im Jahr zuvor auch – vier verschiedene „Velo-Jahreszeiten“ abgelesen werden. An erster Stelle steht die Wintersaison von November bis März, in der die oben angesprochene kontinuierliche Grundlast gerade bei den Mischverkehrsabschnitten sehr gut ersichtlich wird. Dann folgt die Vorsaison von April bis Juni.

Die Hochsaison erstreckt sich mindestens über die Ferienmonate Juli und August, gefolgt von der Nachsaison im September und Oktober.



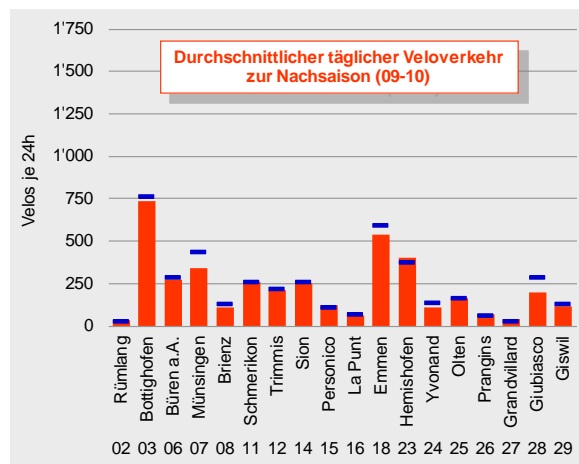
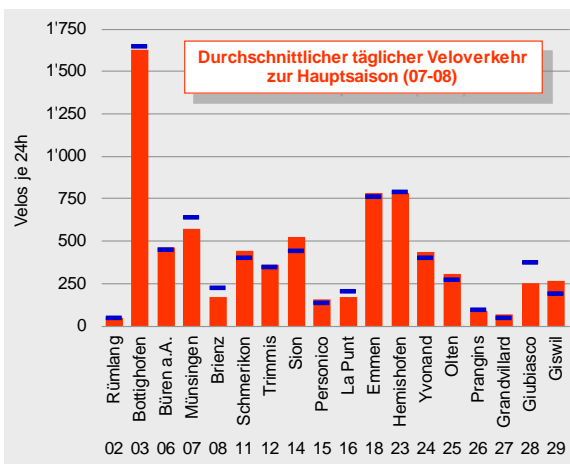
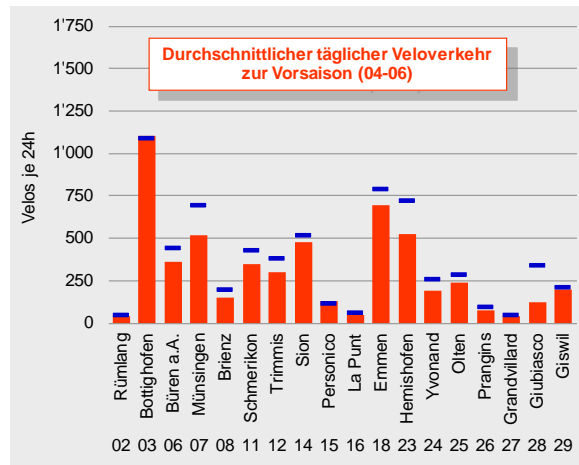
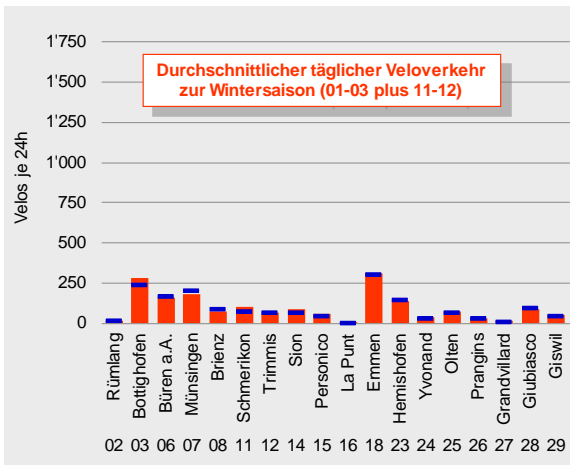
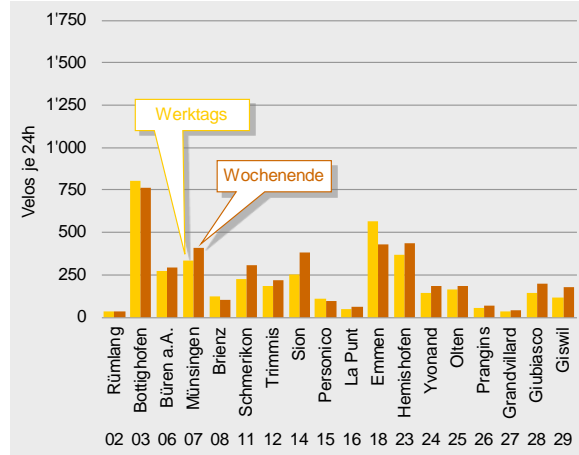
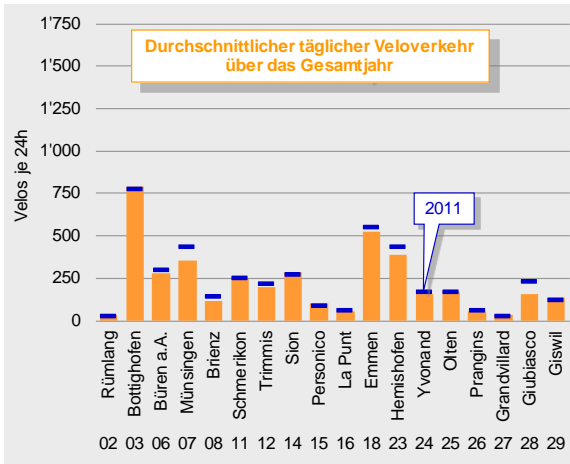




## Durchschnittlicher täglicher Veloverkehr 2012

Der durchschnittliche tägliche Veloverkehr (DTV) ergibt sich aus dem Verhältnis zwischen der Anzahl an gemessenen Velofahrenden und den Tagen des entsprechenden Messzeitraumes. 2012 wurden an den Zählanlagen Tagesdurchschnitte zwischen 32

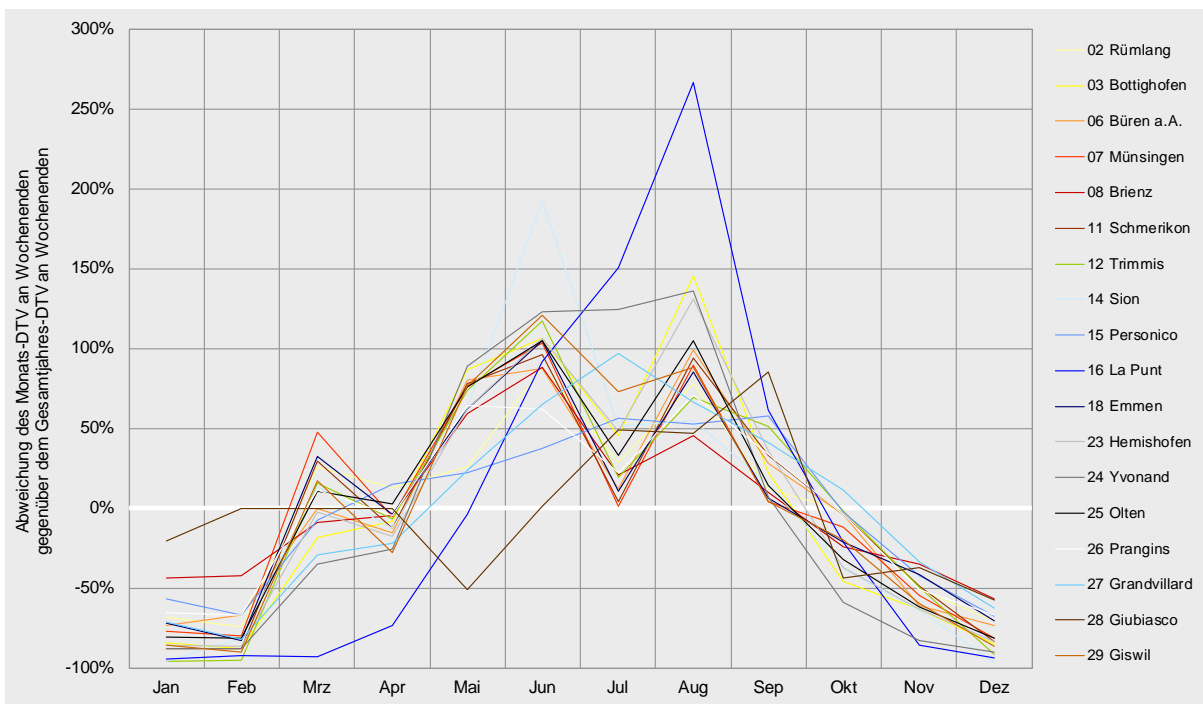
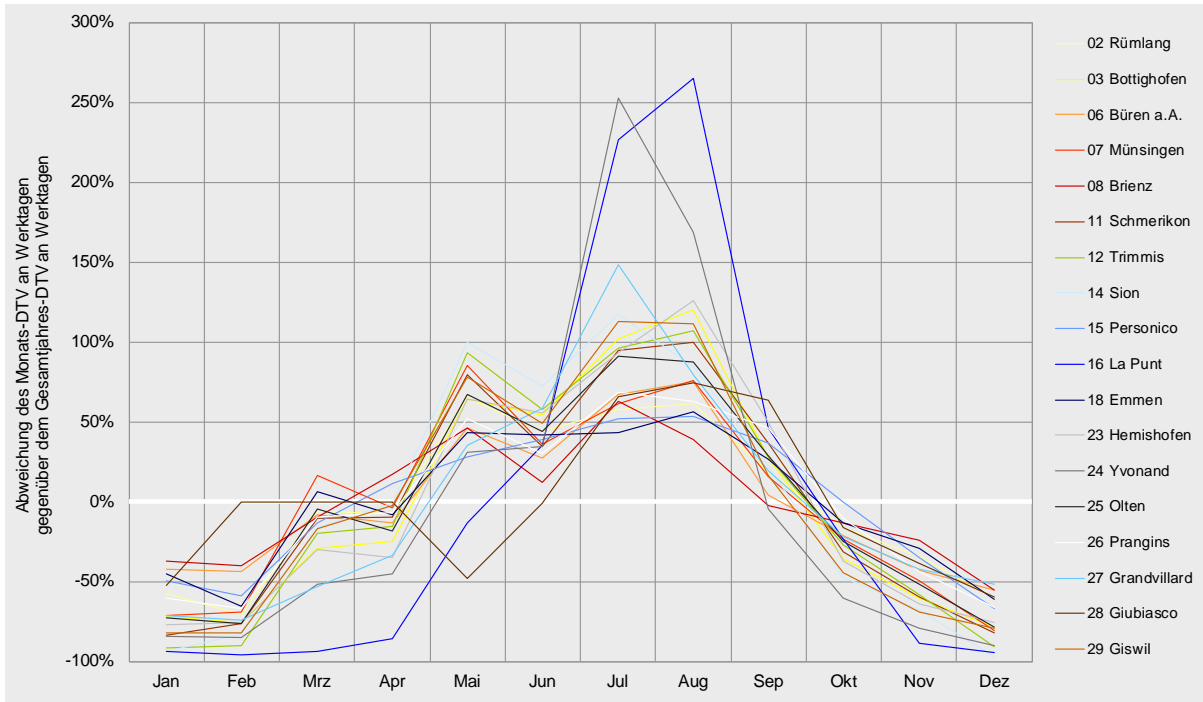
(Rümlang) und 789 Velos (Bottighofen) registriert. Damit streuten die Tagesdurchschnitte um das gewichtete Mittel über alle Velo-Zählanlagen von minus 92 % bis plus 104 %. Dieser Mittelwert belief sich 2012 auf 386 Velos am Tag.





Eine zählstellenspezifische Betrachtung der Streuungen der monatsbezogenen Tagesdurchschnitte um den Tagesdurchschnitt des Gesamtjahrs gibt Aufschluss über die Schwankungen der täglichen Verkehrsbelastungen an den einzelnen Zählanlagen. Hier gilt: Je ausgeglichener die jeweilige Abweichungskurve ist, desto stetiger ist die Grundlast an

der Zählanlage bzw. desto mehr periodische Fahrt zwecke wie z.B. werktägliche Pendlerfahrten bestimmen die Grundlast. Und umgekehrt: Je stärker die Krümmung der Abweichungskurve ist, desto ungleicher sind die täglichen Belastungen über das Gesamtjahr verteilt bzw. desto höher ist der unregelmässig auftretende Freizeitverkehr vorhanden.

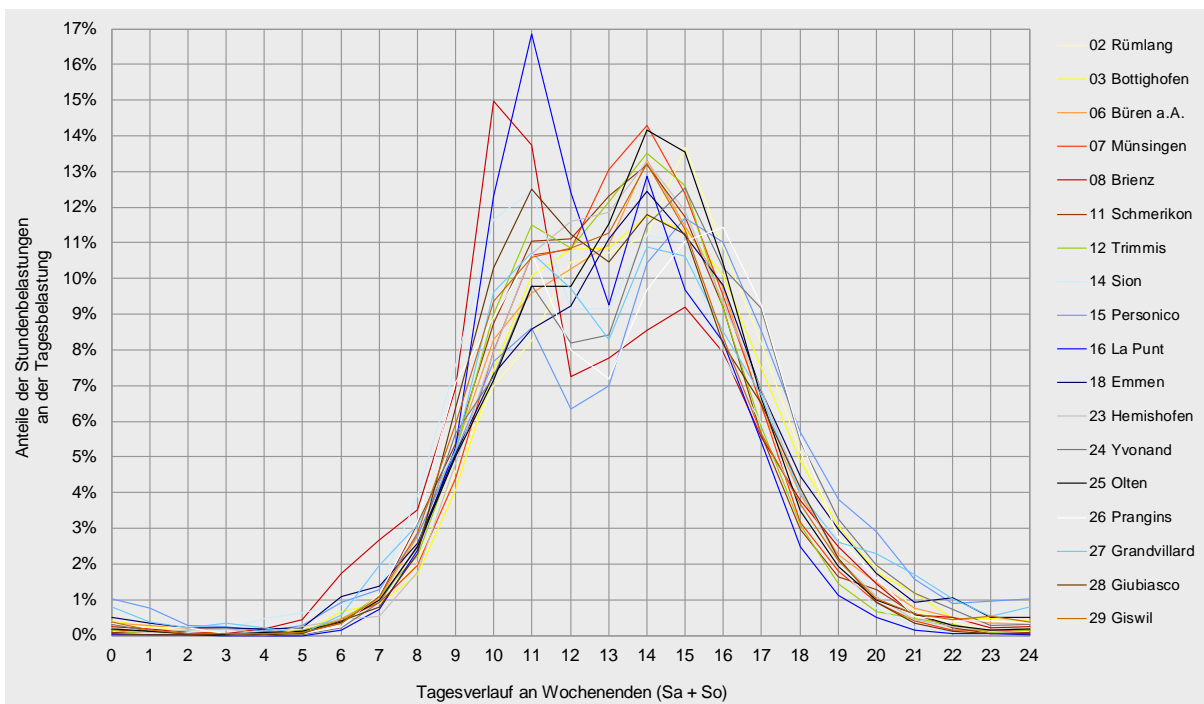
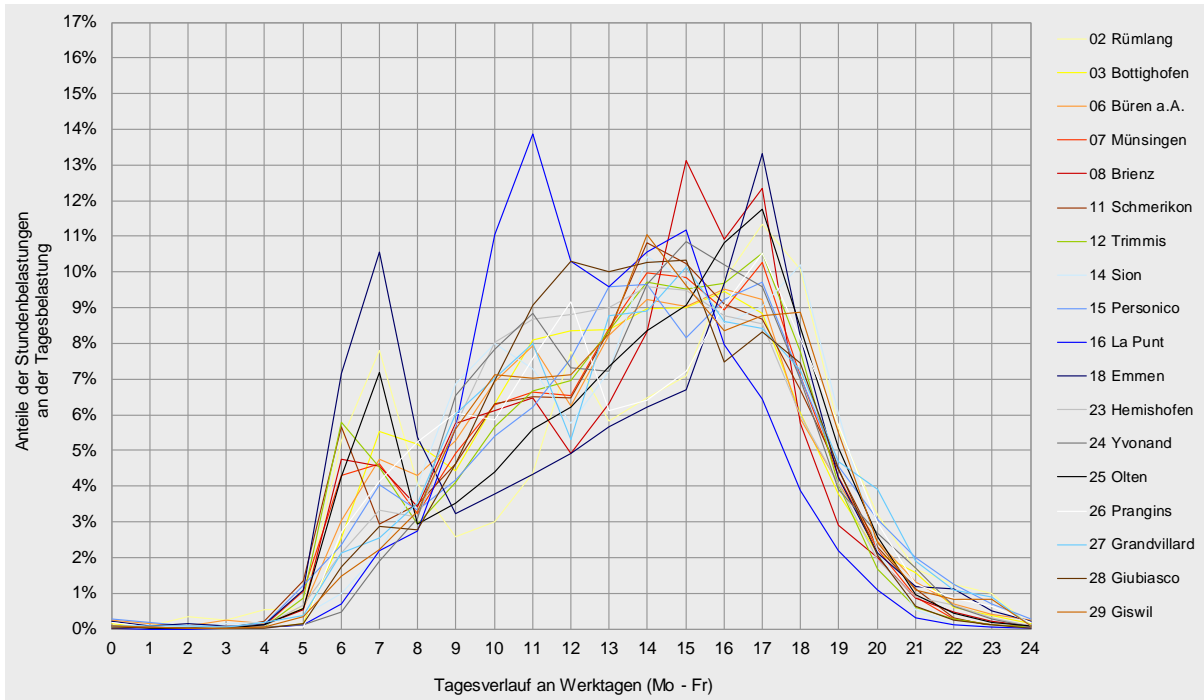




## Tagesganglinien 2012

Die Tagesganglinie gibt einen Überblick zur Verteilung des während 24 Stunden erfassten Veloverkehrs. Die nachfolgend dargestellten Tagesganglinien sind nach Werktagen und Wochenenden differenziert. Die Hauptlast trat an einem durchschnittli-

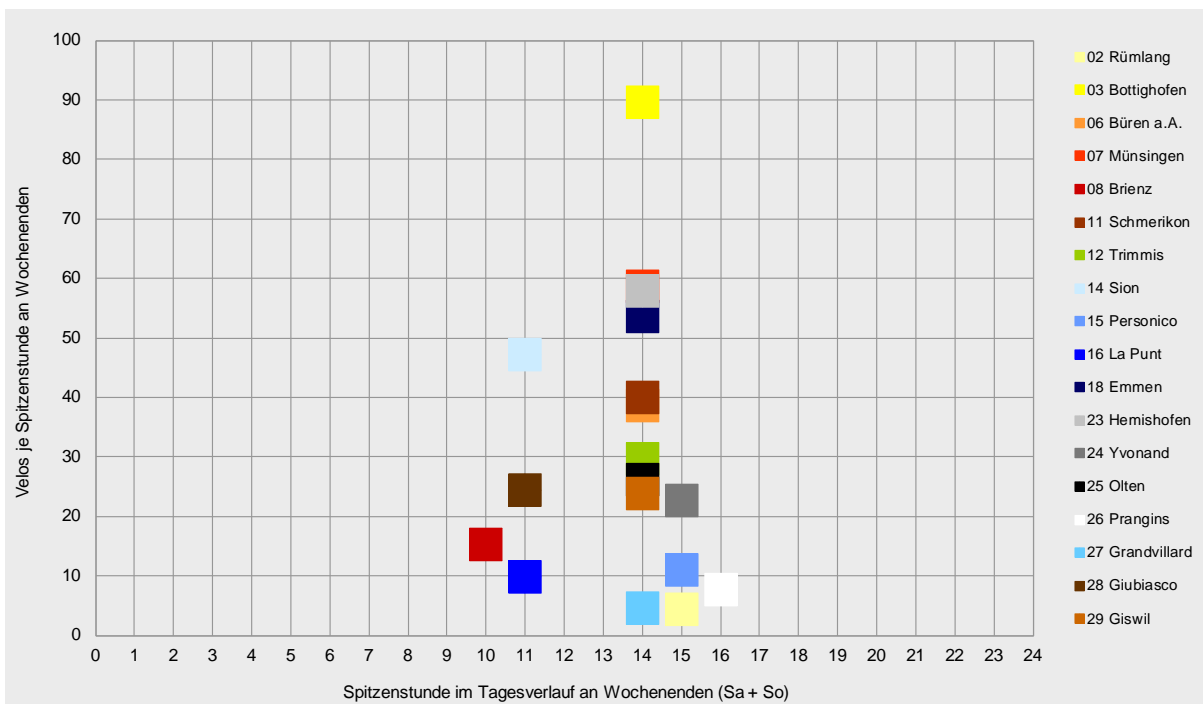
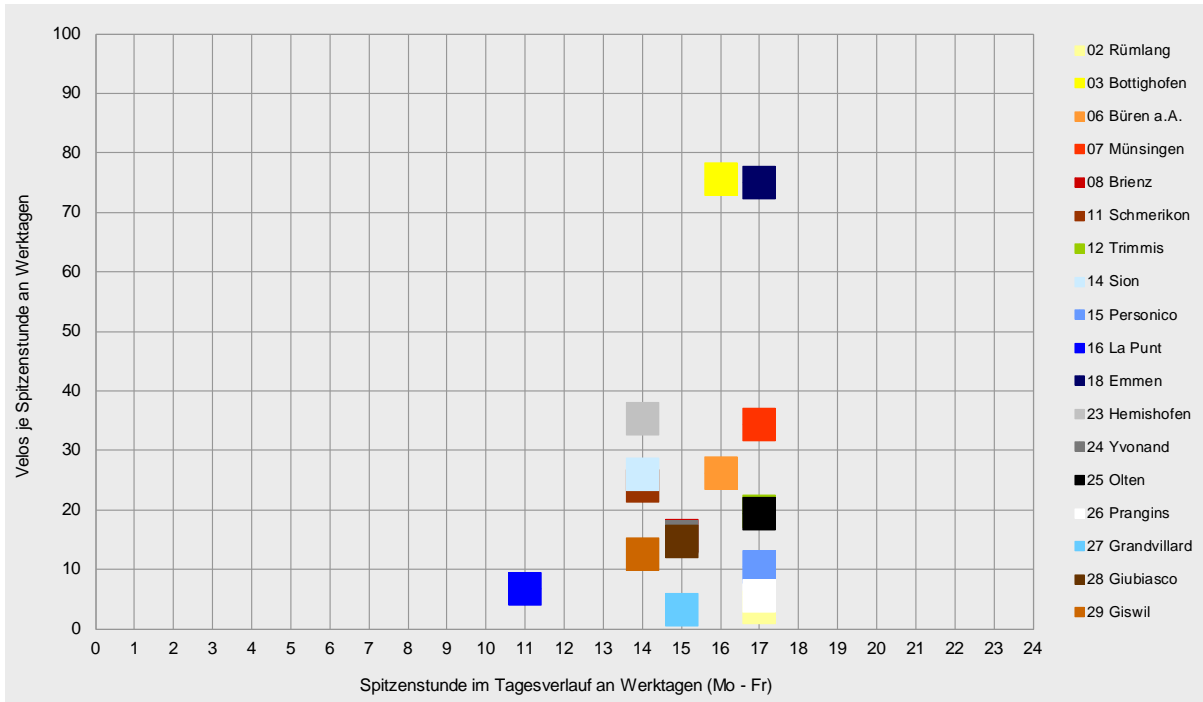
chen Tag tendenziell während den Nachmittagsstunden auf. Werktags verstärkt sich die Tendenz zur nachmittäglichen Belastungsspitze, wobei sich in den frühen Vormittagsstunden die für Werktage typische erste Belastungsspitze erkennen lässt. Hier dominiert





eher der Pendlerverkehr mit den Fahrtzwecken Arbeit, Ausbildung oder Einkauf und seinen typischen Verläufen in den Morgen- und Abendstunden. Am Wochenende hingegen setzt der Anstieg des Veloverkehrs am Vormittag später als an Werktagen ein. Hinzu kommt die gleichmässiger Ausprägung der Spitzenbelastungszeiten vom späten Vor- bis hin

zum frühen Nachmittag. Die unter der Woche so typischen Doppelspitzen werden am Wochenende deutlich abgeflacht bzw. sind bei einigen Zählanlagen gar nicht mehr auszumachen. Hinter diesen typischen Verläufen der Tagesganglinien an Wochenenden steht der in erster Linie freizeitorientierte Veloverkehr.





## Übersicht zu den Velo-Zählanlagen 2012

Nachfolgend sind die monatlichen Gesamtquerschnittsbelastungen der einzelnen Zählanlagen tabellarisch zusammengefasst. Darunter folgen die durchschnittlichen täglichen Veloverkehrsstärken (DTV). Der Vergleich zu den Vorjahresdaten wird auf Basis dieser DTV-Werte vorgenommen. Insgesamt standen für 2012 weitgehend vollständig Messwerte zur Verfügung. Lediglich am Querschnitt Giubiasco ist infolge einer Baustelle eine Datenlücke von März bis April zu verzeichnen. Im Vergleich der Tagesdurchschnitte 2012 mit denen zum Vorjahr offenbart sich abermals eine hohe Kontinuität der Daten mit überwiegend moderaten Veränderungsraten.

Dies weist auf eine stetige Datenqualität der Zählanlagen hin. Tendenziell waren die Messquerschnitte etwas schwächer belastet als im Vorjahr. Die geringfügige Abnahme des theoretischen Mittelwerts um -3 % lässt sich durch Wetterbedingte natürliche Schwankungen begründen.<sup>1</sup> Zum Vergleich: bei Gegenüberstellung der Aufkommensdaten der Jahre 2011 mit jenen aus 2010 war ein Zuwachs um 18 % zu verzeichnen gewesen.

Die für jedes Jahr einzeln aufgeführten absoluten Velozahlen bestätigen prinzipiell die Kontinuität der Erhebungsgüte. Zu beachten ist dabei, dass die Aufkommenswerte in den ersten Jahren nach Inbe-

Velo absolut	Rümlang	Beitighofen	Büren a.A.	Münsingen	Brienz	Schmerikon	Trimmis	Sion	Personico	La Punt	Emmen	Hemishofen	Yvonand	Ollon	Prangins	Grandvilland	Giubiasco	Glewil
	02	03	06	07	08	11	12	14	15	16	18	23	24	25	26	27	28	29
Januar	383	5908	4166	2967	2162	1'124	406	470	1'545	90	7849	2427	688	1'312	665	313	2429	672
Februar	258	4804	3977	2818	1980	1'375	477	1'457	1'173	78	4675	2334	632	1'092	544	233	-	563
März	1014	18047	8'123	14012	3216	7910	5584	8'478	2'812	98	18'327	9522	2566	5289	1'717	601	-	3966
April	937	18847	7'198	10245	3822	6607	5'166	8'154	3'470	280	14'581	8'263	2845	4'516	1'606	743	-	3491
Mai	1516	41'615	13'415	20'041	5326	13'513	11'337	16'390	4'060	1'416	24'089	19'571	7'029	8'896	2'727	1'418	1'894	7'197
Juni	1496	39'952	12'213	17'038	4534	11'639	10'496	18'938	4'271	2'379	24'690	20'114	7'669	8'358	2'422	1'698	4'712	7'131
Juli	1467	45'513	13'023	15'620	5395	12'376	10'429	17'043	4'892	4'801	21'991	21'462	14'730	9'090	2'690	2'503	7'747	8'134
August	1627	55'378	15'660	19'738	5'000	14'934	11'875	15'270	4'917	5'777	26'623	27'205	12'228	10'090	2'889	1'885	7'949	8'247
September	1'104	29'706	9'438	12'014	3448	10'111	8'113	10'445	4'392	2'354	18'828	16'945	4'650	6'323	2'444	1'360	8'231	4'523
Oktober	857	15'115	7'187	8'782	3'002	5'815	4'842	4'740	3'173	1'220	13'894	7'467	1'898	3'844	1'604	954	3'613	2'609
November	582	9'203	4'356	5'188	2'520	3'209	2'604	2'845	1'959	188	10'783	4'162	889	2'302	919	633	2'884	1'350
Dezember	354	4'763	3'342	2'076	1'558	1'313	532	284	1'049	92	5'861	2'964	463	1'073	599	484	2'019	731
2012	11'595	288'851	102'098	130'539	41'963	89'926	71'861	104'514	37'713	18'773	192'191	142'036	56'287	62'185	20'826	12'825	41'478	48'614
Veränderung 2011-2012	-4.6%	1.4%	-8.4%	-18.8%	-21.4%	-2.3%	-11.0%	2.7%	12.7%	-20.4%	-5.3%	-11.2%	-10.2%	-3.1%	-15.1%	9.4%	-52.2%	5.2%
2011	12'154	284'958	111'480	160'694	53'411	92'020	80'776	101'791	33'457	23'596	202'855	160'031	62'655	64'189	24'542	11'728	86'797	46'220
2010	10'612	243'420	105'873	134'881	50'142	67'586	66'550	69'554	39'582	25'690	170'125	143'947	60'919	56'913	21'976	12'706	70'140	46'669
2009	11'542	279'564	118'967	152'777	65'701	84'425	63'097	76'738	41'926	27'706	187'788	157'992	69'126	63'515	23'651	9'072	59'512	-
2008	10'289	257'037	113'596	146'004	55'894	90'518	58'013	75'332	34'025	25'000	164'933	152'308	48'232	57'878	10'994	-	-	-
2007	10'414	252'113	109'515	156'668	52'383	97'132	52'570	76'761	20'167	26'816	170'874	160'637	51'670	22'036	14'950	-	-	-
2006	231'566	88'828	95'173	48'281	87'556	51'285	71'148	35'972	27'008	163'266	55'721	-	-	-	-	-	-	-
2005	246'046	58'836	-	-	33'890	40'417	35'898	70'790	36'693	25'646	-	-	-	-	-	-	-	-

Durchschnittlicher täglichel Veloverkehr	Rümlang	Beitighofen	Büren a.A.	Münsingen	Brienz	Schmerikon	Trimmis	Sion	Personico	La Punt	Emmen	Hemishofen	Yvonand	Ollon	Prangins	Grandvilland	Giubiasco	Glewil
	02	03	06	07	08	11	12	14	15	16	18	23	24	25	26	27	28	29
Januar	12	191	134	96	70	36	13	15	50	3	253	78	22	42	21	10	90	22
Februar	9	166	137	97	68	47	16	50	40	3	161	80	22	38	19	8	-	19
März	33	582	262	452	104	255	180	273	91	3	591	307	83	171	55	19	-	128
April	31	628	240	342	127	220	172	272	116	9	486	275	95	151	54	25	-	116
Mai	49	1'342	433	646	172	436	366	529	131	46	777	631	227	287	88	46	79	232
Juni	50	1'332	407	568	151	388	350	631	142	79	823	670	256	279	81	57	157	238
Juli	47	1'468	420	504	174	399	336	550	158	155	709	692	475	293	87	81	250	262
August	52	1'786	505	637	161	482	383	493	159	186	859	878	394	325	93	61	256	266
September	37	990	315	400	115	337	270	348	146	78	628	565	155	211	81	45	274	151
Oktober	28	488	232	283	97	188	156	158	102	39	448	241	61	124	52	31	117	84
November	19	307	145	173	84	107	87	95	65	6	359	139	30	77	31	21	96	45
Dezember	11	154	108	67	50	42	17	9	34	3	189	83	15	35	19	16	65	24
2012	32	789	279	357	115	246	196	286	103	51	525	388	154	170	57	35	157	133
Veränderung 2011-2012	-4.9%	1.1%	-8.7%	-19.0%	-23.2%	-2.5%	-11.3%	2.7%	12.4%	-20.7%	-5.5%	-11.5%	-10.4%	-3.4%	-15.4%	9.1%	-34.2%	4.9%
2011	33	781	305	440	149	252	221	279	92	65	556	438	172	176	67	32	238	127
2010	29	667	290	370	137	185	182	191	108	70	466	394	167	156	60	35	192	128
2009	32	766	326	419	180	231	173	210	115	76	514	433	189	174	65	25	163	-
2008	28	702	310	399	153	247	159	206	93	68	451	416	132	158	30	-	-	-
2007	29	685	303	429	144	268	146	211	56	73	476	441	142	147	55	-	-	-
2006	634	243	445	132	240	154	195	99	74	447	364	-	-	-	-	-	-	-
2005	682	242	-	-	140	245	118	195	102	72	-	-	-	-	-	-	-	-

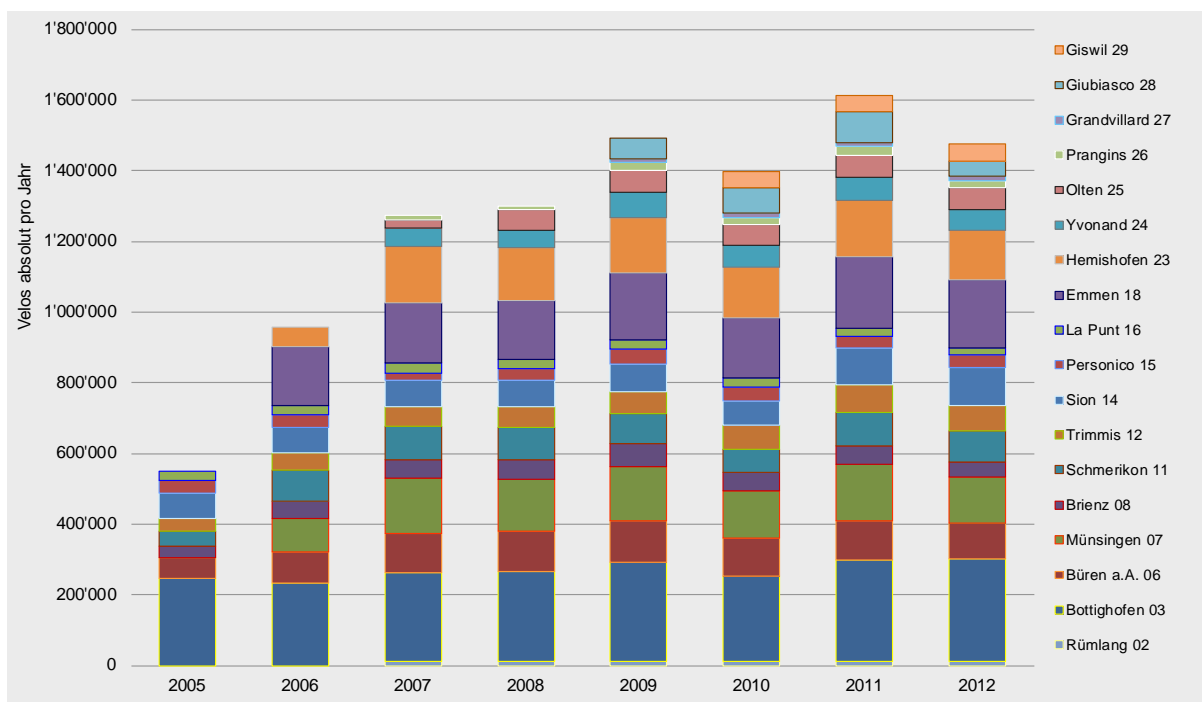
<sup>1</sup> zur Interpretation des theoretischen Mittelwertes, siehe „Veloland Schweiz 2012 – Jahreskennwerte und Methodik zur Auswertung der Velo-Zählanlagen“, ProgTrans, 2013

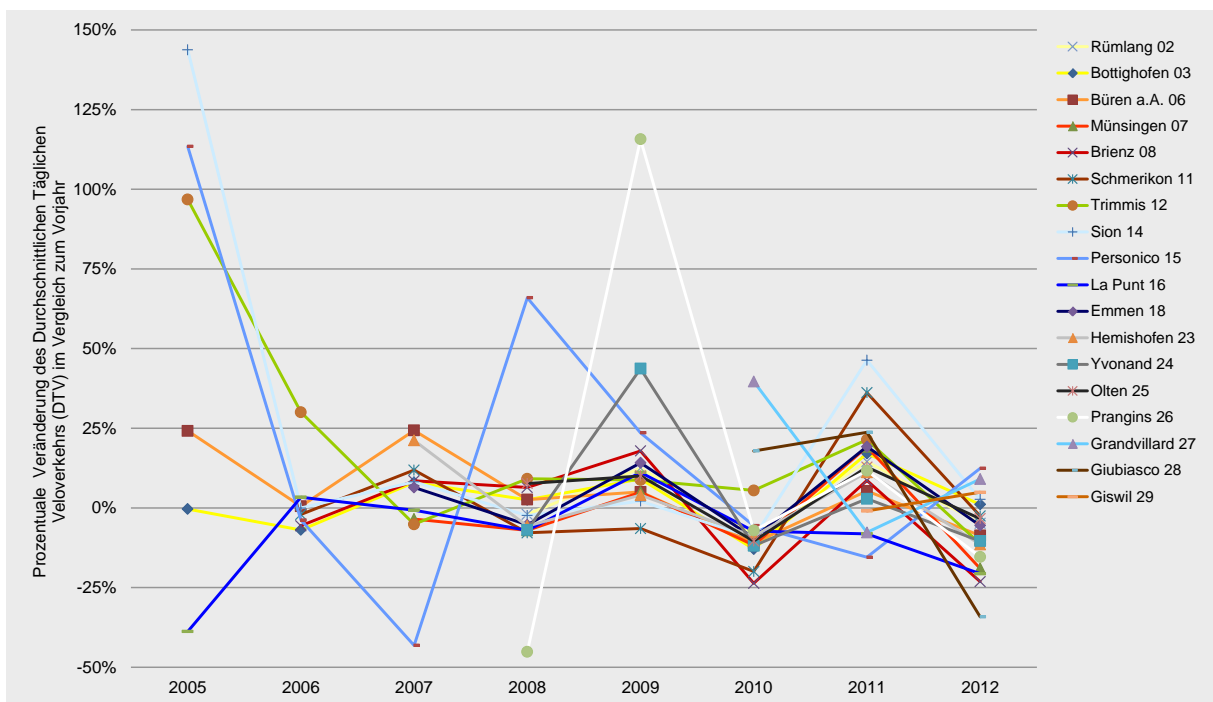
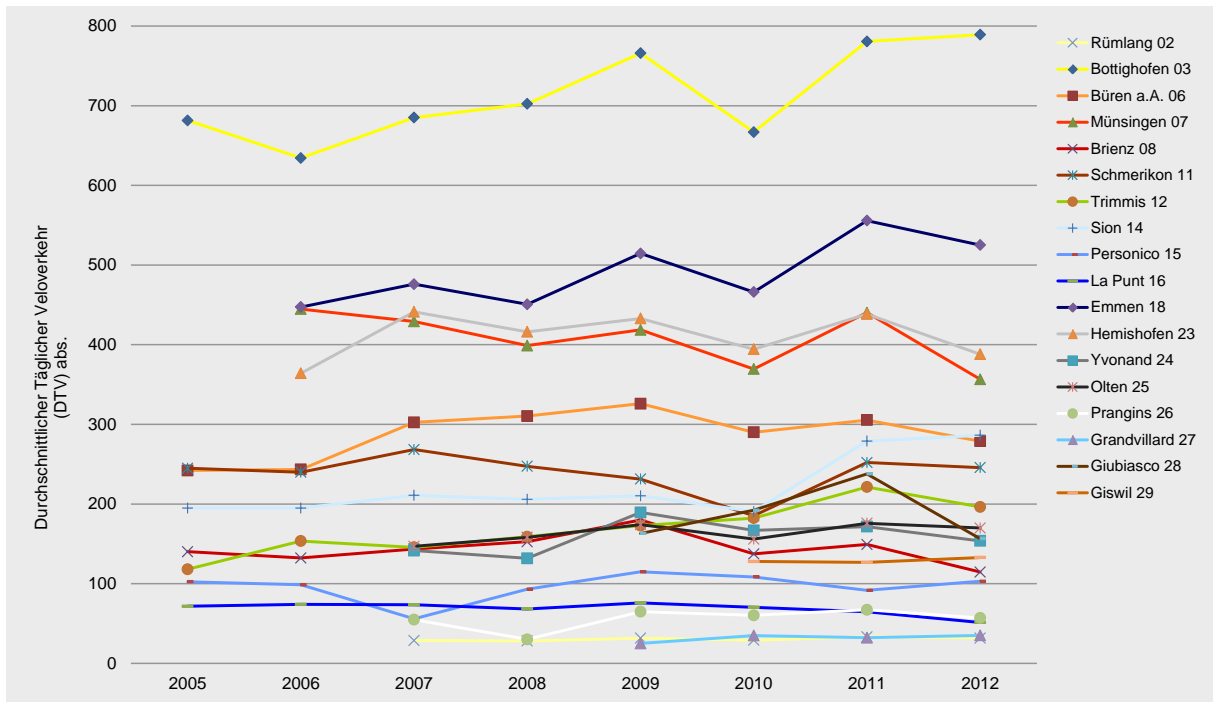


triebnahme jeder Zählstelle eine überdurchschnittliche Fehler- und Ausfallquote aufwiesen, die in den Folgejahren behoben wurden. Bei der Interpretation der Zeitreihe ist zu berücksichtigen, dass die absoluten Aufkommenswerte bzw. deren Summe von mehreren Faktoren abhängig sind - z.B. neu hinzukommende Zählanlagen, neu hinzukommende Zählanlagen unter dem Jahr (kein ganzes Jahr gezählt), Sprünge aufgrund methodischer Korrekturen, nicht rekonstruierbare Datenausfälle, Verlegungen der Zählanlagen oder Wittereinflüsse.

Ein unmittelbarer Vergleich der Jahreszahlen ist daher nur bedingt möglich.

Der durchschnittliche tägliche Veloverkehr (DTV) ermöglicht eine bessere Vergleichbarkeit über die Jahre hinweg. Bei der Interpretation gilt es auch hier zu beachten, dass Datenausfälle, methodische Korrekturen, neue Zählstellen oder Verlegungen von Zählstellen die Vergleichbarkeit über die Jahre einschränken.







## Projektorganisation

Die Stiftung SchweizMobil betreibt seit 2004 automatische Velo-Zählanlagen auf den nationalen Veloland-Routen. Die Velo-Zählanlagen werden von den Kantonen vor Ort unterhalten. Die Stiftung SchweizMobil betreibt die nationale Datenzentrale und ist für die Auswertungen der Zähldaten verantwortlich.

## Betrieb und Datenauswertung

Die Velo-Zählanlagen werden im Auftrag der Stiftung SchweizMobil und der Kantone von der Innolutions GmbH, Neuenhof, technisch betreut (Betrieb nationale Datenzentrale, Service, Wartung).

Für die Auswertung der Zähldaten 2012 wurde das Filter- und Korrekturverfahren wie bereits im Vorjahr weitgehend automatisiert durchgeführt. Die in den Jahren zuvor angewendete Methodik der Auswertung wurde beibehalten; die Kontinuität und Vergleichbarkeit der Zählergebnisse ist somit gewährleistet.

Da die Zählanlage alle Beobachtungen am Messquerschnitt erfasst, wird der Datensatz nach einem ganz bestimmten Schema so ausgewertet, dass Messungen, die nicht Bestandteil des Veloverkehrs sind, herausgefiltert werden. Dazu gehören jeglicher Motorfahrzeugverkehr, aber auch Fussgänger oder Skater.

Zusätzlich führt die Stiftung SchweizMobil periodisch manuelle Zählungen mit Befragungen durch, um Angaben über die Nutzer der nationalen Veloland-Routen zu gewinnen.

Aufgrund technischer Gegebenheiten kann nicht der ganze Veloverkehr zweifelsfrei erfasst werden, bspw. grössere Velogruppen; diese werden über Korrekturfaktoren in den Datenbestand hineingerechnet. Die Korrekturfaktoren wurden aus vergleichenden Handzählungen ermittelt. Darüber hinaus werden die Messungen auf Plausibilität geprüft und wenn nötig modifiziert oder mit Kenntnis der Ganglinien aus den Vorjahren und der Witterungsbedingungen ergänzt (siehe separater Bericht: „Veloland Schweiz 2012 – Jahreskennwerte und Methodik zur Auswertung der Velo-Zählanlagen“, ProgTrans, 2013).

Die Plausibilisierung und Aufbereitung der Daten der Velo-Zählanlagen wird im Auftrag der Stiftung SchweizMobil von der ProgTrans AG Basel vorgenommen.

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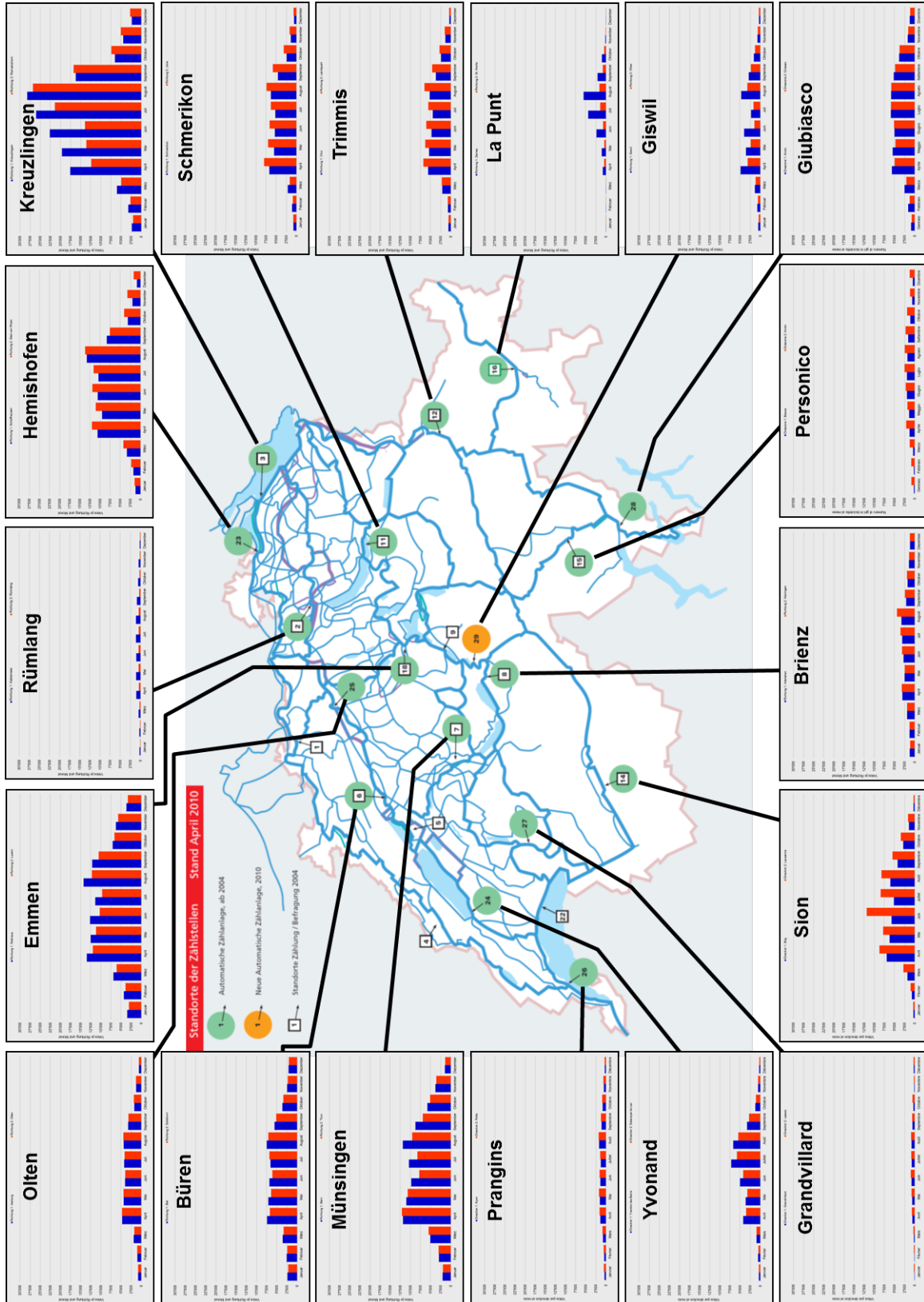
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# Übersicht zu Standorten und Aufkommen der Zählanlagen







## Comptages vélos de 2012 – Résumé

L'ensemble des 18 sections de comptages automatiques a enregistré quelque 1,47 million de vélos en 2012. Comme l'année précédente, quatre „saisons du vélo“ peuvent être distinguées. La haute saison comprend au moins les mois de juillet et d'août pour toutes les sections de comptage.

Par rapport à 2011, le trafic journalier moyen des vélos a diminué d'environ 3 % ce qui s'explique en grande partie par des conditions météorologiques différentes. En 2011, le début précoce du printemps avec ses températures agréables a poussé les volumes de vélo. En revanche, le début de 2012 a été caractérisé par un froid extrême en février suivi de températures estivales en mars puis par un temps instable, frais et humide en avril.

### Emplacements

La fondation SuisseMobile a progressivement mis en place depuis 2004 des compteurs automatiques de vélos sur les itinéraires cyclables nationaux. Les cantons assurent l'entretien de ces compteurs sur place. La fondation s'occupe de la centrale des données et de leur dépouillement.

12 compteurs sont en fonction depuis 2004 / 2005. Depuis 2010, 18 compteurs sont toute l'année en service. Des pertes de données n'ont été enregistrées que pour un très petit nombre de jours

La fréquentation a retrouvé en été le niveau de 2011. En arrière saison et à la fin de l'année, les chiffres de l'année précédente ont de nouveau été en-dessous de ceux de l'année précédente en raison de l'arrivée précoce de l'hiver.

Les valeurs caractéristiques de 2012 se situent dans le tiers supérieur de celle de l'année passée.

Les moyennes journalières enregistrées en 2012 sont comprises entre 32 vélos (Rümlang ZH) et 789 (Bottighofen TG).

D'une manière générale et pour l'ensemble de l'année, la charge principale d'un jour moyen s'est produite plutôt lors des après-midis.

Ce chapitre présente les principaux résultats des 18 sections de comptages vélos. Un dépouillement spécifique a cependant été effectué pour chacune de ces sections (voir le chapitre „Comptages automatiques des vélos – Dépouillements pour 2012 par emplacement“).

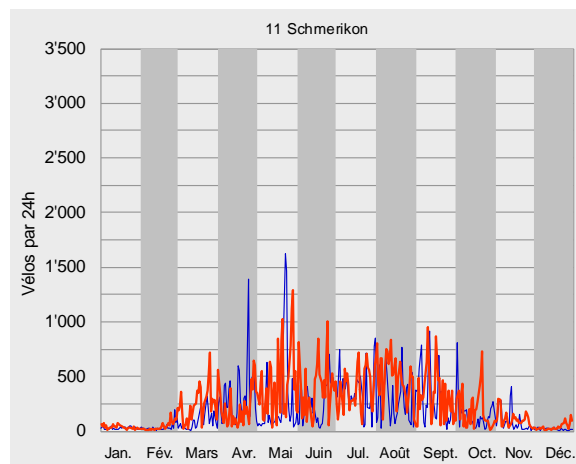
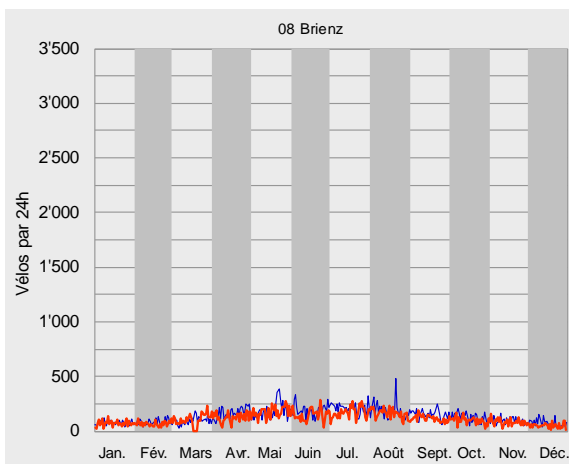
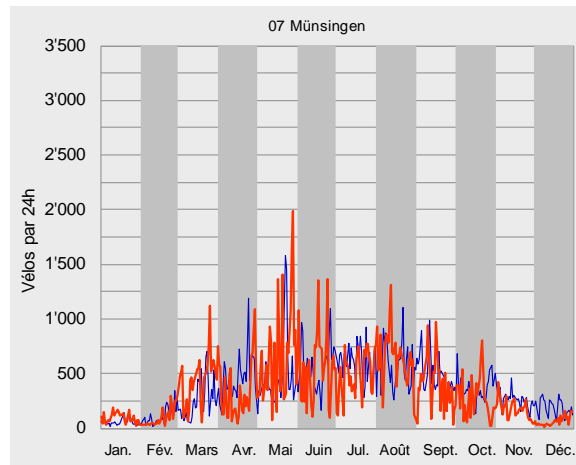
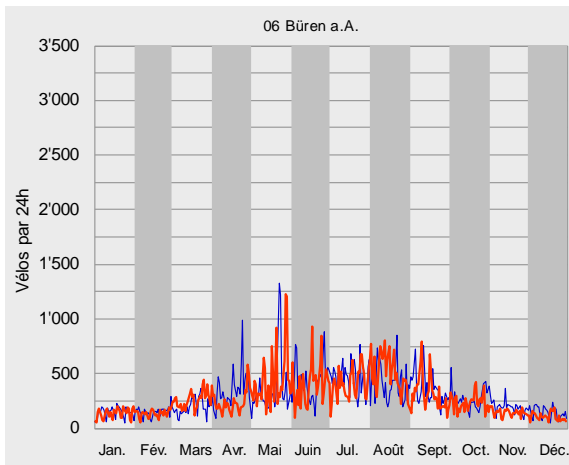
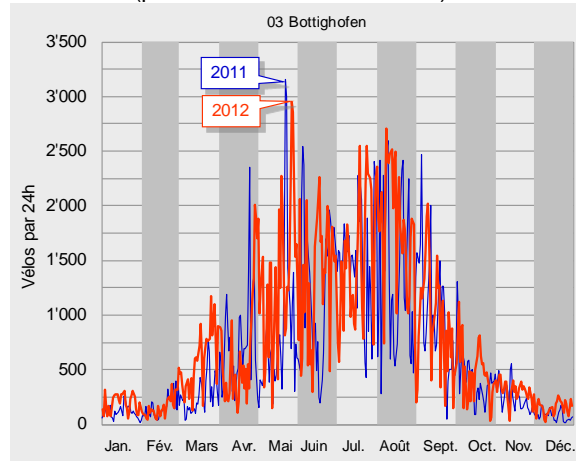
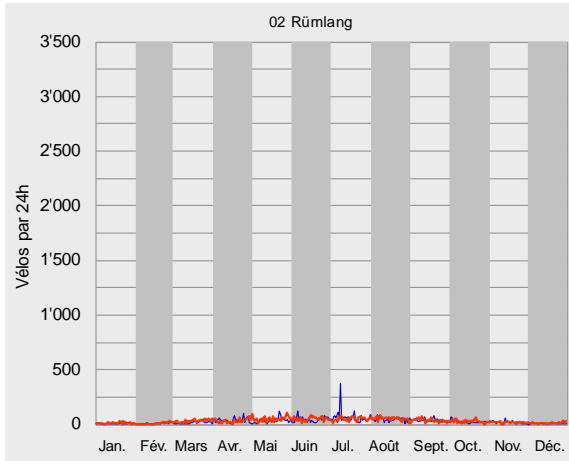
La méthode de dépouillement est l'objet d'un rapport distinct (disponible sous [www.suissemobile.org](http://www.suissemobile.org) --> Téléchargements).



## Volumes de vélos en 2012

L'ensemble des 18 sections de comptages automatiques a enregistré quelque 1,47 millions de vélos. Comme l'année précédente, le plus fort volume a été relevé dans la section de Bottighofen TG. La charge sur l'ensemble de l'année est également élevée à Emmen LU.

La comparaison directe des courbes de variations annuelles des deux montre très bien les caractéristiques différentes du trafic des vélos de ces sections. Les très grandes différences ou l'éventail des données à Bottighofen indiquent qu'il s'agit de trafic des loisirs (plus fort lors des week-ends).





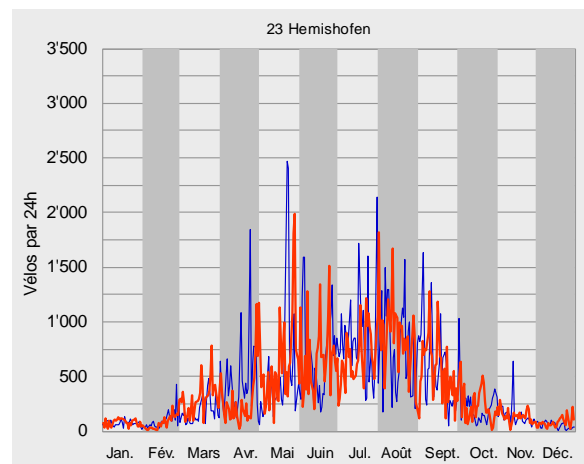
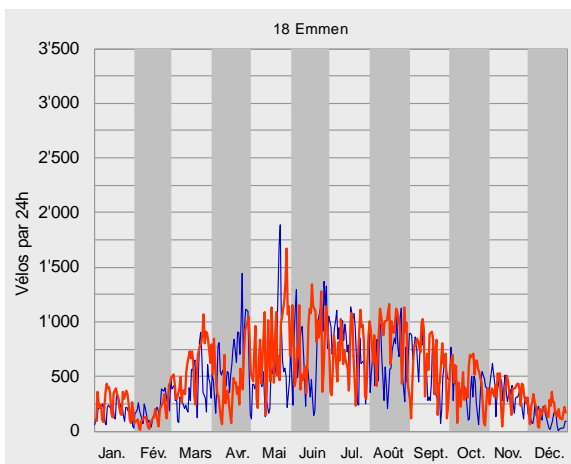
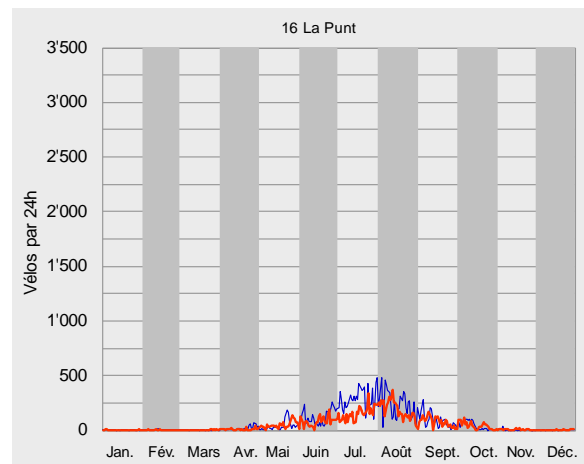
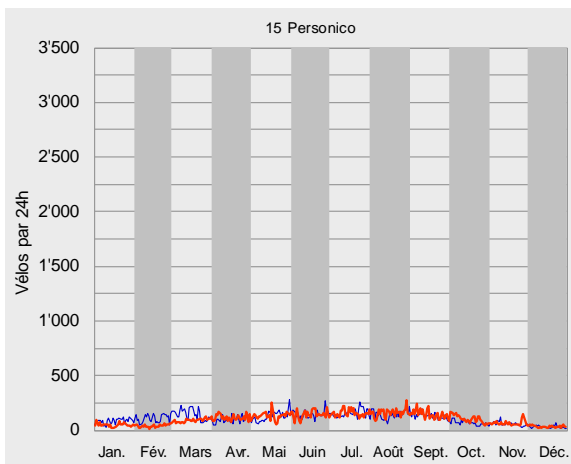
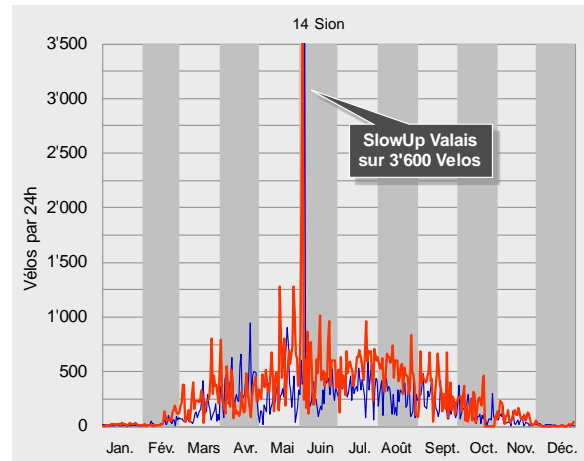
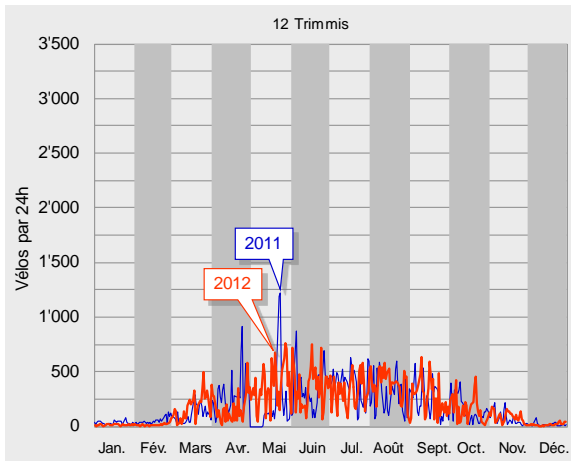
## Dépouillement des comptages vélos de 2012

Les courbes plus proches de la moyenne à Emmen LU correspondent en revanche à une charge de base continue par des pendulaires pendant les jours ouvrables.

Les courbes de variations annuelles de Personico TI et Prangins VD montrent aussi une charge de base constante.

Sion VS et La Punt GR sont caractérisés par le trafic des loisirs.

Dans toutes les autres sections, le trafic des pendulaires et celui des loisirs sont mélangés. Ce mélange est bien visible lors d'un examen par mois.



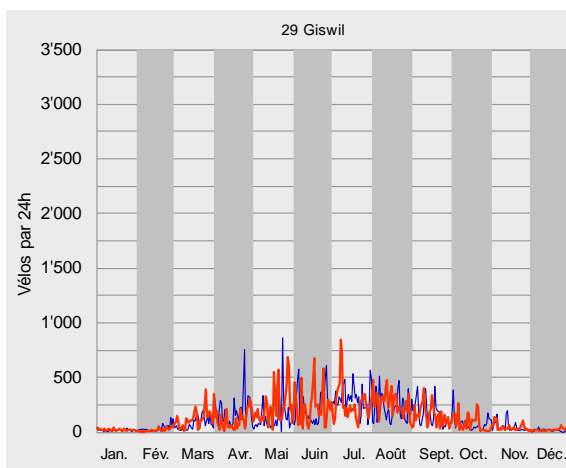
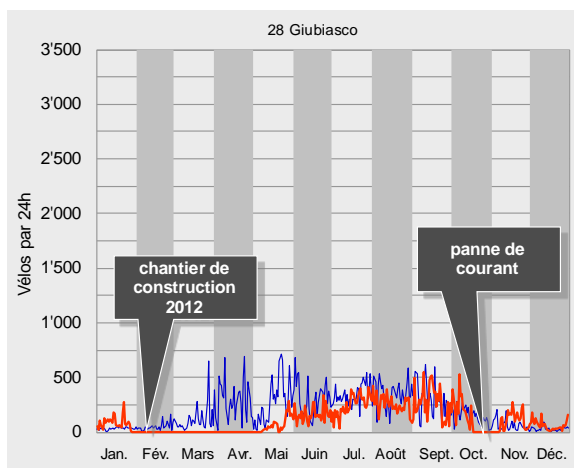
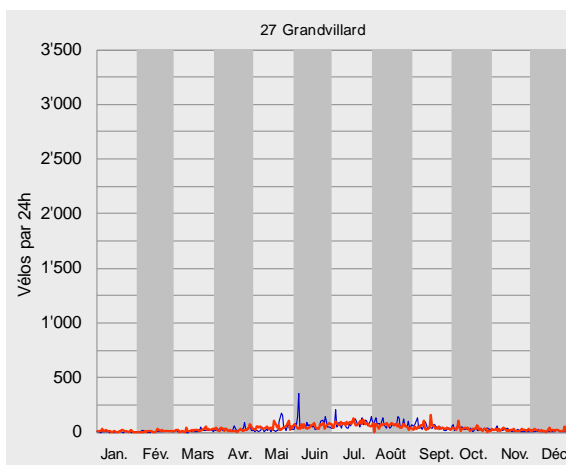
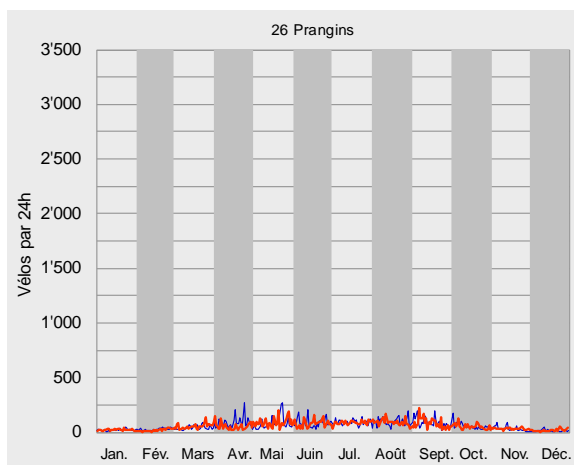
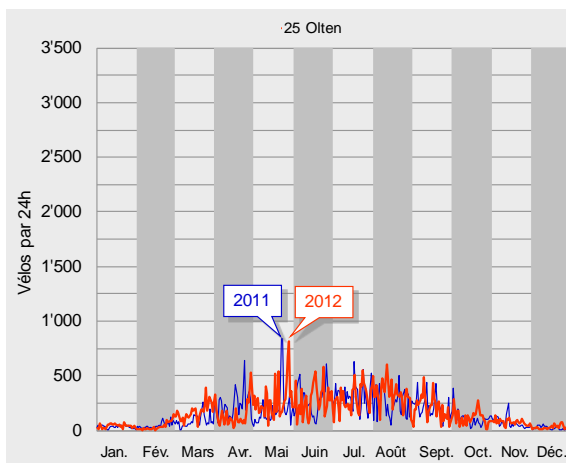
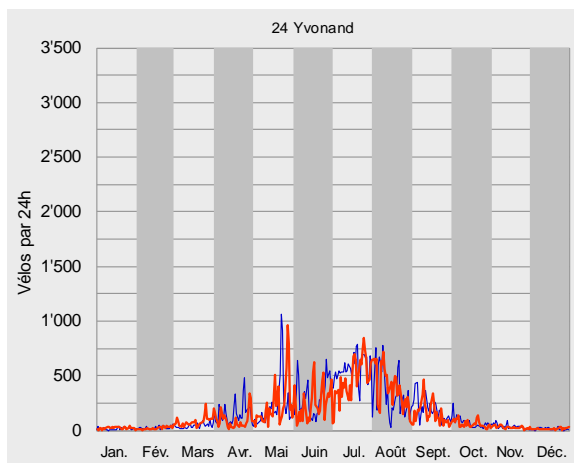


Comme l'année précédente, quatre „saisons de vélo“ peuvent être distinguées.

La saison d'hiver, de novembre à mars, est très bien visible dans les sections à trafic mélangé en raison justement de la charge de base continue évoquée ci-dessus.

Vient ensuite l'avant saison d'avril à juin.

La haute saison s'étend au moins aux mois de vacances de juillet et d'août, suivie de l'après saison en septembre et octobre.

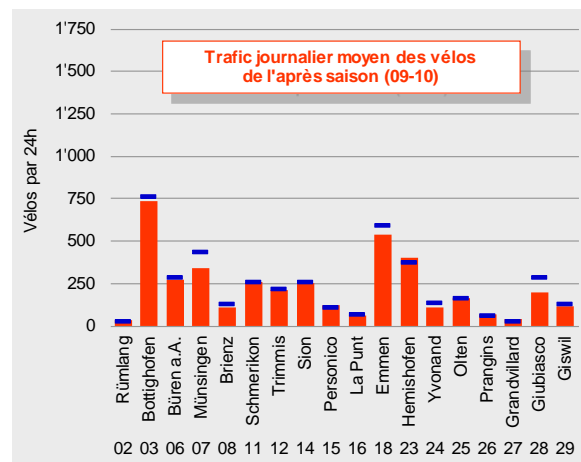
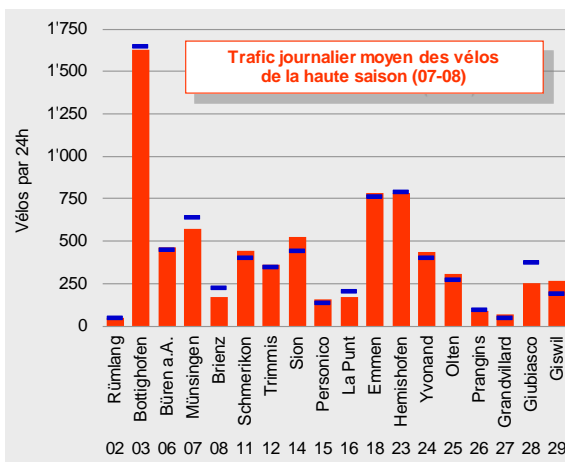
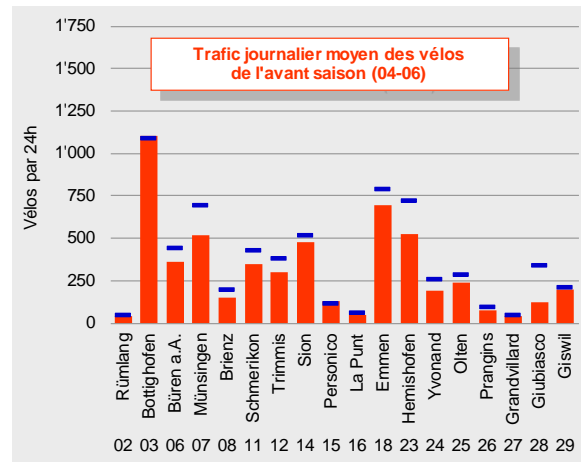
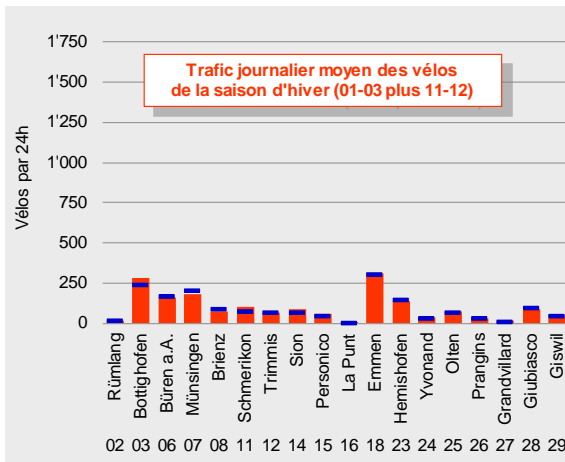
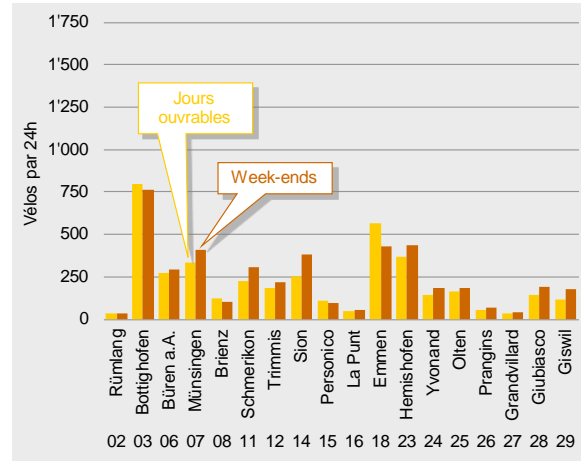
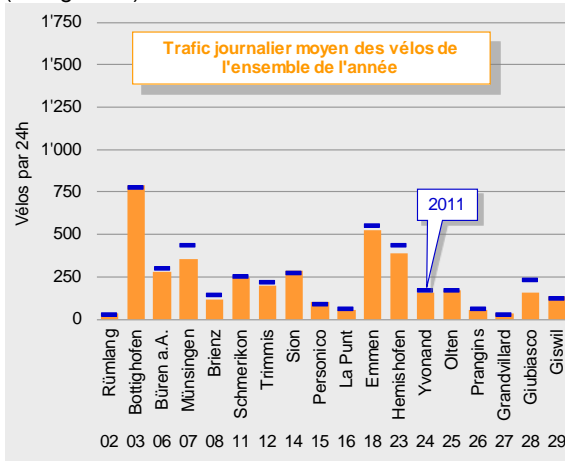




## Trafic journalier moyen des vélos en 2012

Le trafic journalier moyen (TJM) s'obtient en divisant le nombre de vélos enregistrés par le nombre de jours de comptage de la période concernée. Les moyennes journalières enregistrées en 2012 sont comprises entre 32 vélos (Rümlang) et 789 (Bottighofen).

Par rapport à la moyenne pondérée, les moyennes de toutes les sections varient entre moins 92 % et plus 104 %. Cette moyenne se monte à 386 vélos par jour en 2012.

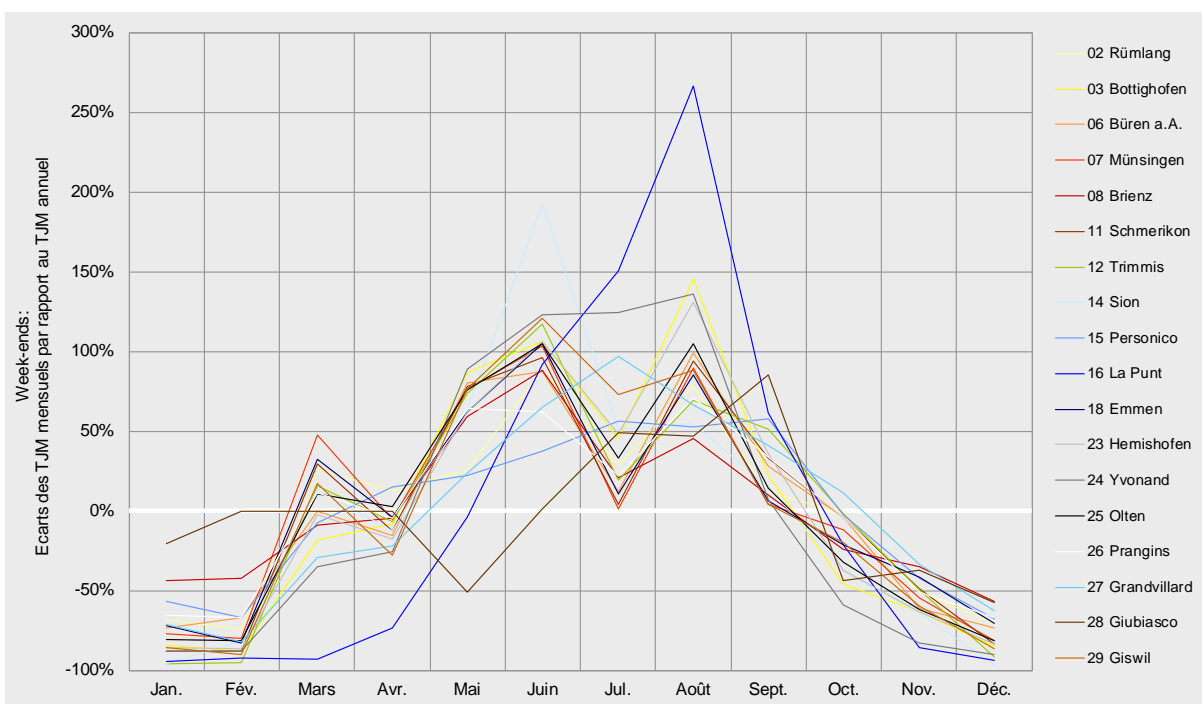
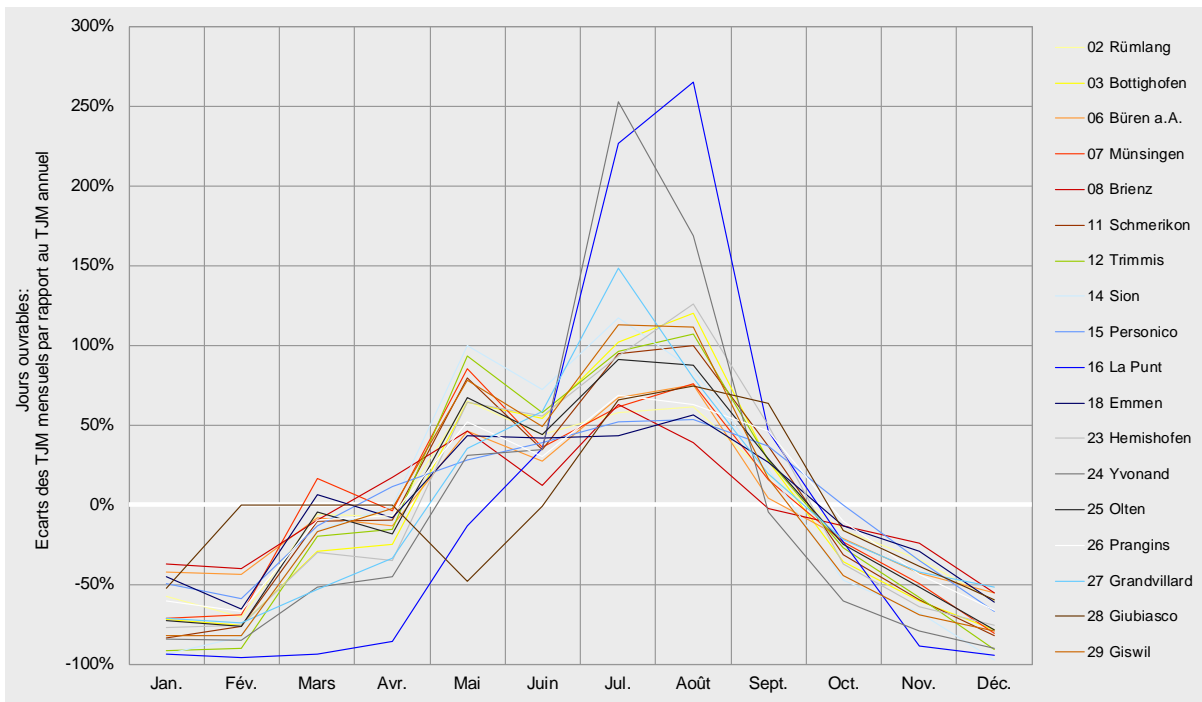




Il est déjà plus intéressant de mettre en évidence les moyennes mensuelles par rapport à la moyenne annuelle de chaque section. Les écarts donnent une indication des fluctuations des charges journalières. Moins la courbe s'écarte de la moyenne, plus la charge de base de la section est constante ou plus

les motifs de déplacements périodiques, par exemple les déplacements pendulaires, déterminent la charge de base de cette section.

A l'inverse, plus la courbe s'écarte de la moyenne, plus les charges journalières varient lors de l'année et plus le trafic des loisirs se manifestant irrégulièrement est présent.



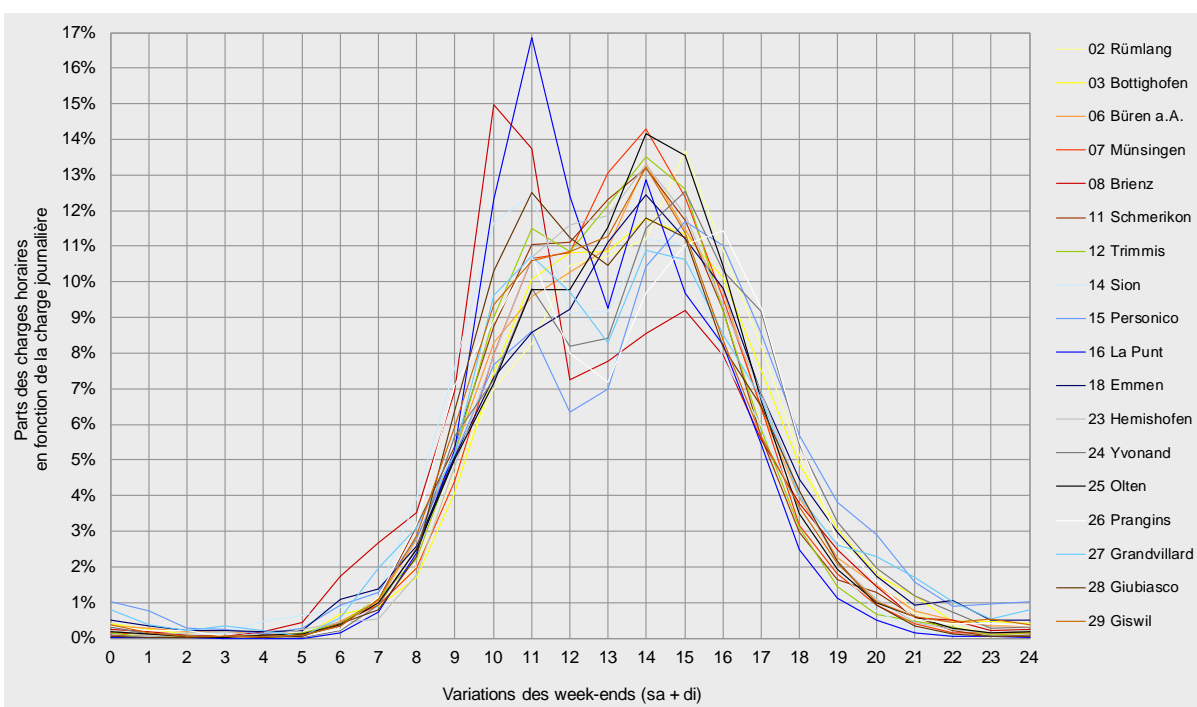
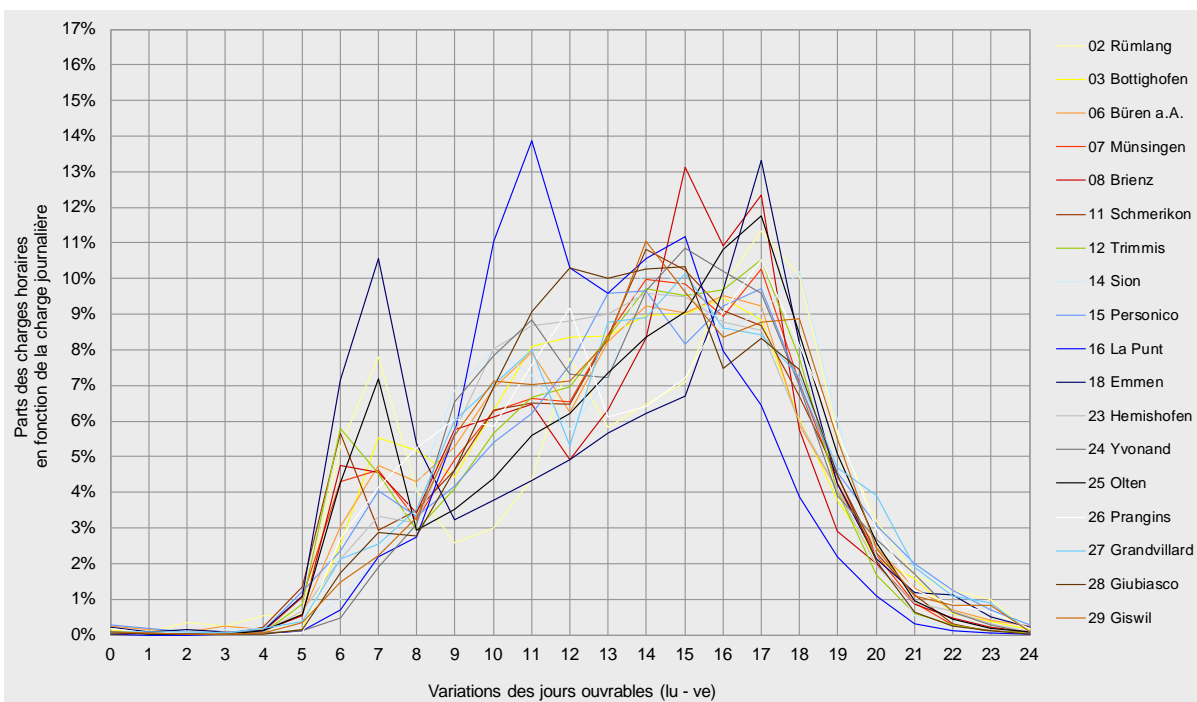




## Courbes de variations journalières en 2012

Une courbe de variations journalières montre la répartition du trafic pendant 24 heures. Les courbes de variations ci-après distinguent en outre les jours ouvrables des week-ends. D'une manière générale et pour l'ensemble de l'année, la charge principale

d'un jour moyen s'est produite plutôt lors des après-midi. Lors des jours ouvrables, la tendance montre nettement des pointes dans l'après-midi, mais des pointes en début de matinée, typiques des jours ouvrables, sont aussi nettement perceptibles.



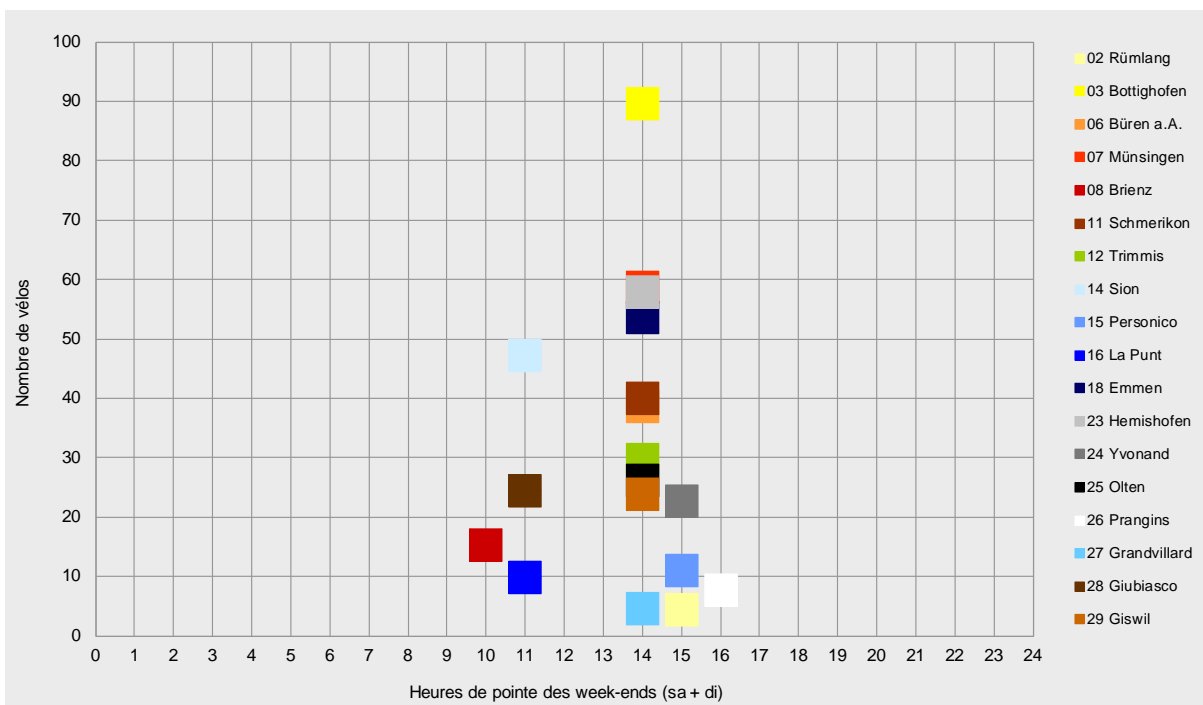
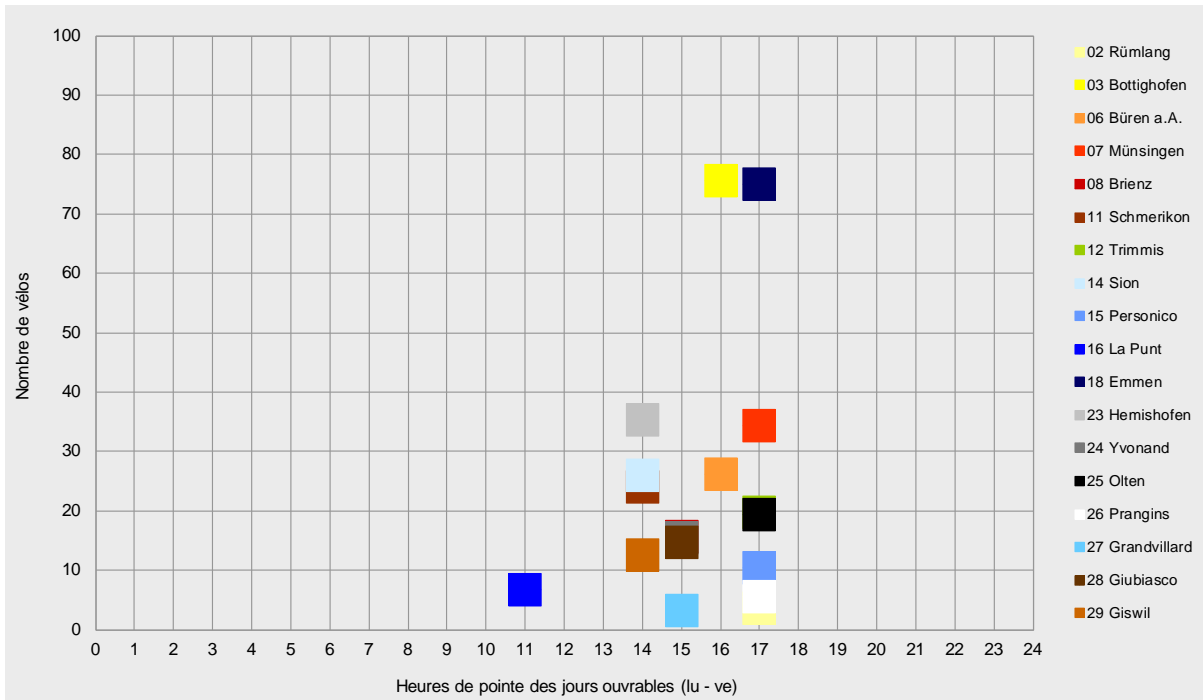


Ici, c'est le trafic pendulaire qui domine avec les déplacements pour le travail, la formation et les achats et son déroulement typique lors des pointes du matin et du soir.

Les week-ends en revanche, l'augmentation du trafic des vélos ne se produit que plus tard dans la matinée. A cela s'ajoutent des charges plus équilibrées

de la fin de la matinée au début de l'après-midi. Les doubles pointes typiques de la semaine sont presque imperceptibles dans quelques sections.

La forme typique des courbes de variations des week-ends provient avant tout d'un trafic vélo principalement pour les loisirs.





## Vue d'ensemble des sections de comptage pour 2012

Le tableau ci-après comporte, pour chaque section et par mois, d'abord le volume total des deux directions puis le trafic journalier moyen des vélos (TJM). La comparaison avec les années précédentes est établie pour les valeurs du TJM. En 2012, quasiment toutes les données mesurées étaient à disposition. Les données ne manquent que pour la section de Giubiasco en raison d'un chantier en mars et avril. La comparaison des moyennes journalières de 2012 avec celles de 2011 montre une continuité élevée car les évolutions entre les deux années sont minimes.

Cela indique une qualité constante des compteurs. D'une manière générale, les sections ont été un peu moins chargées que l'année dernière. La légère diminution de -3 % pour la moyenne théorique est due principalement aux variations naturelles induites par les conditions météorologiques.<sup>2</sup> A titre de comparaison, une augmentation de +18 % avait été enregistrée entre 2010 et 2011.

Nombre absolu de vélos	Rümlang	Botighofen	Biren a.A.	Münsingen	Brienz	Schmerikon	Trimmis	Sion	Personico	La Punt	Emmen	Hemishofen	Yvonand	Ollen	Prangins	Grandvillard	Giubiasco	Glewil
	02	03	06	07	08	11	12	14	15	16	18	23	24	25	26	27	28	29
Janvier	383	5908	4166	2967	2162	1'124	406	470	1'545	90	7849	2'427	688	1'312	665	313	2'429	672
Février	258	4804	3977	2818	1980	1'375	477	1'457	1'173	78	4675	2'334	632	1'092	544	233	-	563
Mars	1014	18047	8'123	14'012	3216	7910	5'584	8'478	2'812	98	18'327	9'522	2'566	5'289	1'717	601	-	3'966
Avril	937	18847	7'198	10'245	3822	6'607	5'166	8'154	3'470	280	14'581	8'263	2'845	4'516	1'606	743	-	3'491
Mai	1'516	41'615	13'415	20'041	5'326	13'513	11'337	16'390	4'060	1'416	24'089	19'571	7'029	8'896	2'727	1'418	1'894	7'197
Juin	1'496	39'952	12'213	17'038	4'534	11'639	10'496	18'938	4'271	2'379	24'690	20'114	7'669	8'358	2'422	1'698	4'712	7'131
Juillet	1'467	45'513	13'023	15'620	5'395	12'376	10'429	17'043	4'892	4'801	21'991	21'462	14'730	9'090	2'690	2'503	7'747	8'134
Août	1'627	55'378	15'660	19'738	5'000	14'934	11'875	15'270	4'917	5'777	26'623	27'205	12'228	10'090	2'889	1'885	7'949	8'247
Septembre	1'104	29'706	9'438	12'014	3'448	10'111	8'113	10'445	4'392	2'354	18'828	16'945	4'650	6'323	2'444	1'360	8'231	4'523
Octobre	857	15'115	7'187	8'782	3'002	5'815	4'842	4'740	3'173	1'220	13'894	7'467	1'898	3'844	1'604	954	3'613	2'609
Novembre	582	9'203	4'356	5'188	2'520	3'209	2'604	2'845	1'959	188	10'783	4'162	889	2'302	919	633	2'884	1'350
Décembre	354	4'763	3'342	2'076	1'558	1'313	532	284	1'049	92	5'861	2'964	463	1'073	599	484	2'019	731
2012	11'595	288'851	102'098	130'539	41'963	89'926	71'861	104'514	37'713	18'773	192'191	142'036	56'287	62'185	20'826	12'825	41'478	48'614
Evolution 2011-2012	-4.6%	1.4%	-8.4%	-18.8%	-21.4%	-2.3%	-11.0%	2.7%	12.7%	-20.4%	-5.3%	-11.2%	-10.2%	-3.1%	-15.1%	9.4%	-52.2%	5.2%
2011	12'154	284'958	111'480	160'694	53'411	92'020	80'776	101'791	33'457	23'596	202'855	160'031	62'655	64'189	24'542	11'728	86'797	46'220
2010	10'612	243'420	105'873	134'881	50'142	67'586	66'550	69'554	39'582	25'690	170'125	143'947	60'919	56'913	21'976	12'706	70'140	46'669
2009	11'542	279'564	118'967	152'777	65'701	84'425	63'097	76'738	41'926	27'706	187'788	157'992	69'126	63'515	23'651	9'072	59'512	-
2008	10'289	257'037	113'596	146'004	55'894	90'518	58'013	75'332	34'025	25'000	164'933	152'308	48'232	57'878	10'994	-	-	-
2007	10'414	252'113	109'515	156'668	52'383	97'132	52'570	76'761	20'167	26'816	170'874	160'637	51'670	22'036	14'950	-	-	-
2006	23'566	88'828	95'173	48'281	87'556	51'285	71'148	35'972	27'008	163'266	55'721	-	-	-	-	-	-	-
2005	246'046	588'36	-	-	33'890	40'417	35'898	70'790	36'693	25'646	-	-	-	-	-	-	-	-

Trafic journalier moyen des vélos	Rümlang	Botighofen	Biren a.A.	Münsingen	Brienz	Schmerikon	Trimmis	Sion	Personico	La Punt	Emmen	Hemishofen	Yvonand	Ollen	Prangins	Grandvillard	Giubiasco	Glewil
	02	03	06	07	08	11	12	14	15	16	18	23	24	25	26	27	28	29
Janvier	12	191	134	96	70	36	13	15	50	3	253	78	22	42	21	10	90	22
Février	9	166	137	97	68	47	16	50	40	3	161	80	22	38	19	8	-	19
Mars	33	582	262	452	104	255	180	273	91	3	591	307	83	171	55	19	-	128
Avril	31	628	240	342	127	220	172	272	116	9	486	275	95	151	54	25	-	116
Mai	49	1'342	433	646	172	436	366	529	131	46	777	631	227	287	88	46	79	232
Juin	50	1'332	407	568	151	388	350	631	142	79	823	670	256	279	81	57	157	238
Juillet	47	1'468	420	504	174	399	336	550	158	155	709	692	475	293	87	81	250	262
Août	52	1'786	505	637	161	482	383	493	159	186	859	878	394	325	93	61	256	266
Septembre	37	990	315	400	115	337	270	348	146	78	628	565	155	211	81	45	274	151
Octobre	28	488	232	283	97	188	156	158	102	39	448	241	61	124	52	31	117	84
Novembre	19	307	145	173	84	107	87	95	65	6	359	139	30	77	31	21	96	45
Décembre	11	154	108	67	50	42	17	9	34	3	189	83	15	35	19	16	65	24
2012	32	789	279	357	115	246	196	286	103	51	525	388	154	170	57	35	157	133
Evolution 2011-2012	-4.9%	1.1%	-8.7%	-19.0%	-23.2%	-2.5%	-11.3%	2.7%	12.4%	-20.7%	-5.5%	-11.5%	-10.4%	-3.4%	-15.4%	9.1%	-34.2%	4.9%
2011	33	781	305	440	149	252	221	279	92	65	556	438	172	176	67	32	238	127
2010	29	667	290	370	137	185	182	191	108	70	466	394	167	156	60	35	192	128
2009	32	766	326	419	180	231	173	210	115	76	514	433	189	174	65	25	163	-
2008	28	702	310	399	153	247	159	206	93	68	451	416	132	158	30	-	-	-
2007	29	685	303	429	144	268	146	211	56	73	476	441	142	147	55	-	-	-
2006	634	243	445	132	240	154	195	99	74	447	364	-	-	-	-	-	-	-
2005	682	242	-	-	140	245	118	195	102	72	-	-	-	-	-	-	-	-

<sup>2</sup> En ce qui concerne l'interprétation de la moyenne théorique, voir „Veloland Schweiz 2012 – Jahreskennwerte und Methodik zur Auswertung der Velo-Zählanlagen“, ProgTrans, 2013

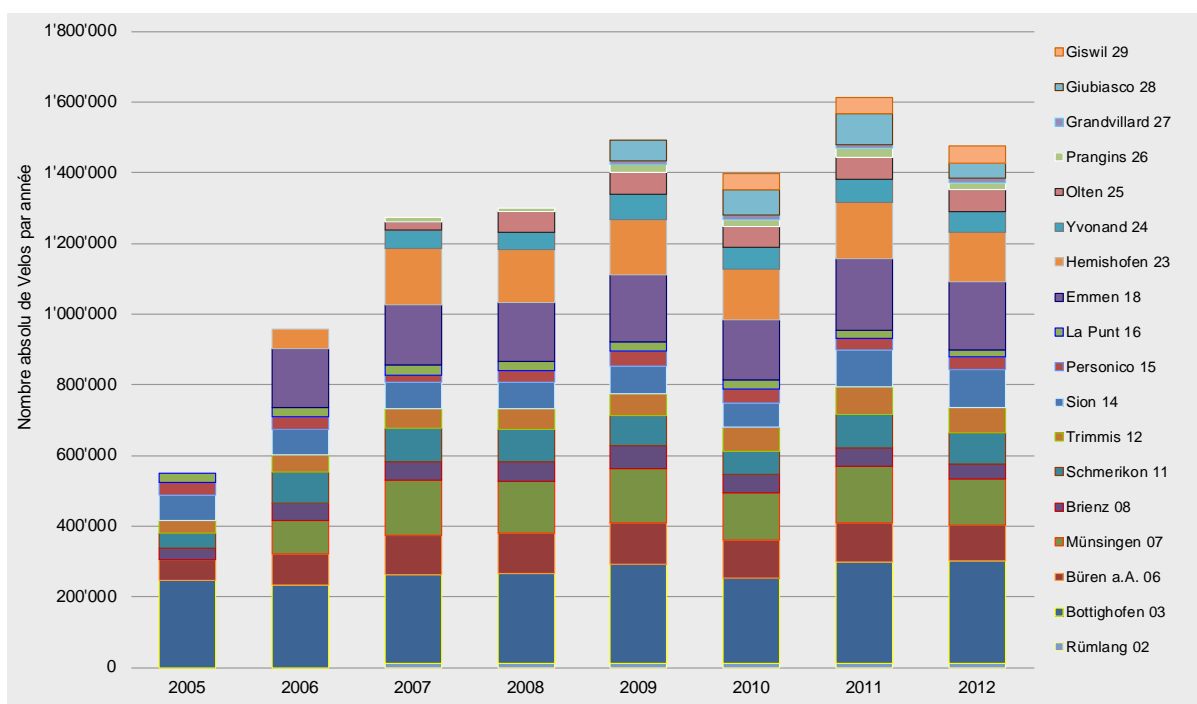


Les volumes absolus de vélos mentionnés pour chaque année confirment en principe la continuité de la qualité des comptages.

A noter que les résultats des premières années après la mise en service de chaque section de comptage comportent des taux d'erreurs et de pannes au-dessus de la moyenne, auxquels il a été par la suite remédié.

Lors de l'interprétation des séries chronologiques, il faut tenir compte que les volumes absolus ou leurs sommes dépendent de plusieurs facteurs comme par exemple les nouveaux compteurs mis en service pendant l'année (pas toute la période comptée), les sauts en raison de corrections méthodiques, les pertes de données non reconstituables, le déplacements de compteurs ou l'influence des conditions météorologiques.

Une comparaison directe des chiffres annuels n'est donc possible que de manière limitée.

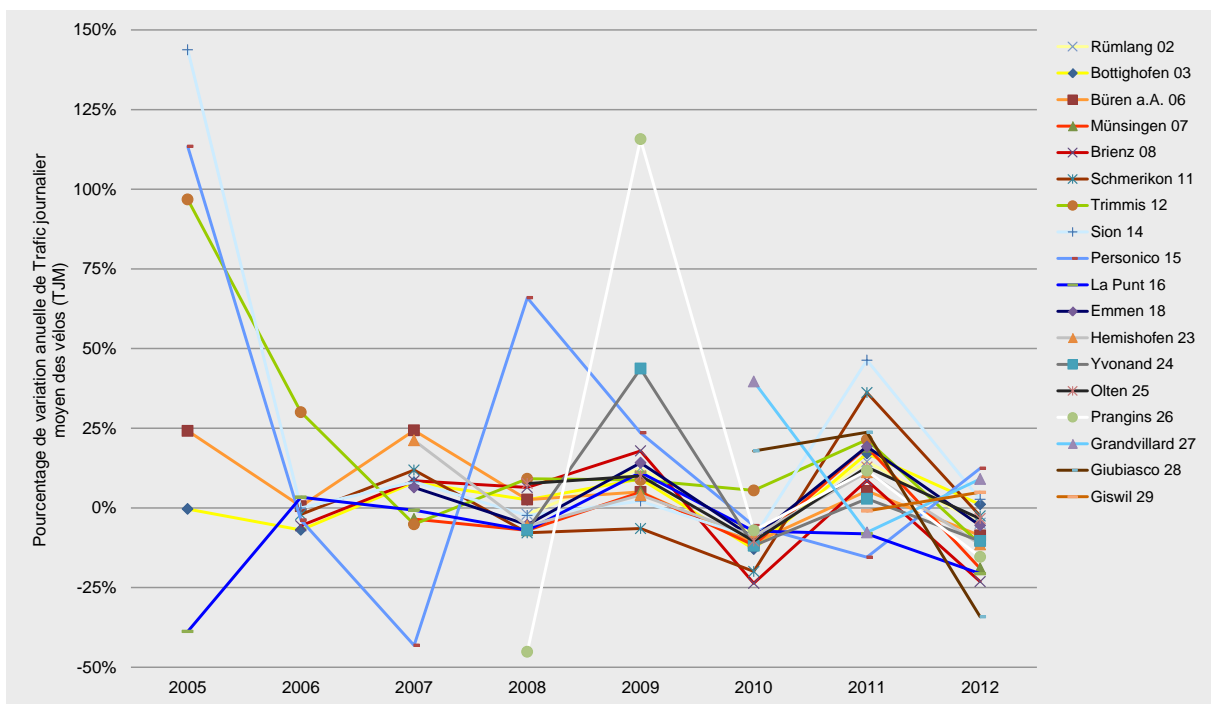
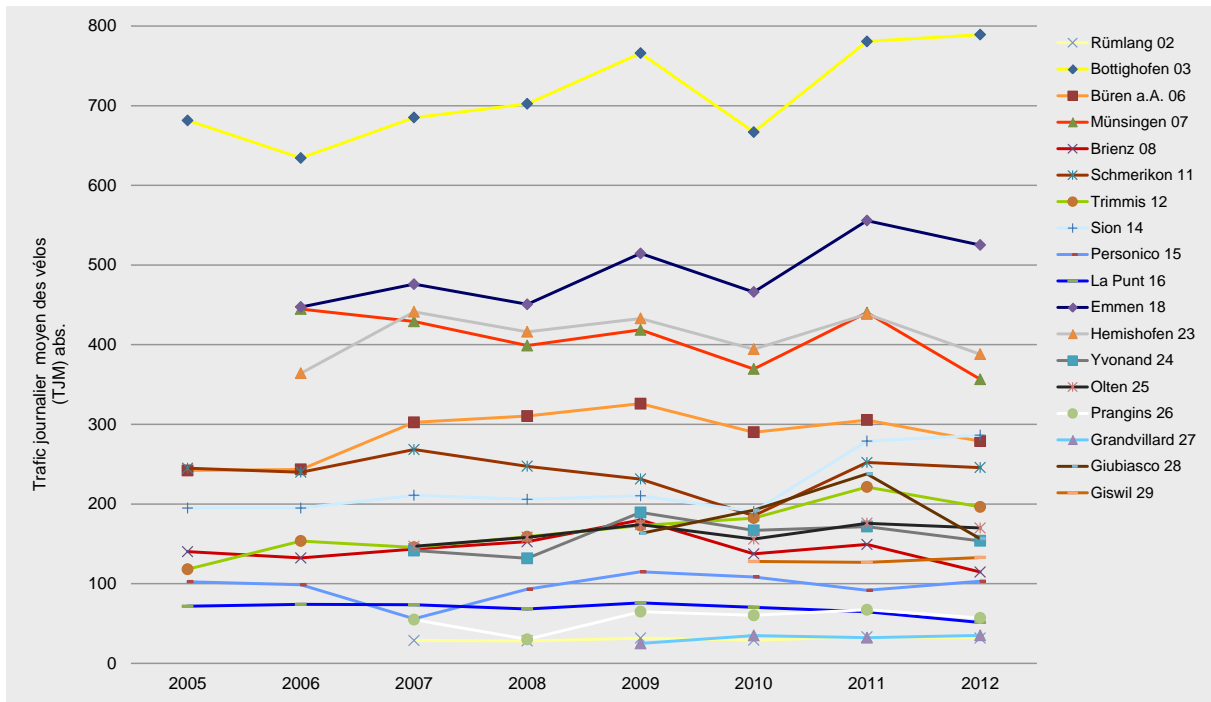




## Dépouillement des comptages vélos de 2012

Le trafic journalier des vélos (TJM) permet une meilleure comparaison à travers les années.

Là aussi, lors de l'interprétation, les pertes de données, les corrections méthodiques, les compteurs nouveaux ou déplacés limitent les possibilités de comparaison entre les années.





## Organisation du projet

La fondation «SuisseMobile» exploite, depuis 2004 sur ses itinéraires nationaux, des compteurs automatiques de vélos. Leur entretien est assuré sur place par les cantons. La fondation s'occupe de la centrale nationale des données et de leur dépouillement.

En complément, la fondation «SuisseMobile» effectue périodiquement des comptages manuels avec des enquêtes afin d'obtenir des indications sur les utilisateurs des itinéraires nationaux.

## Exploitation et dépouillement des données

Les compteurs sont suivis techniquement (exploitation de la centrale de données, service, entretien) par Innolutions Sàrl à Neuenhof sur mandat de la fondation «SuisseMobile» et des cantons.

Pour les dépouillements des données des comptages de 2012, une procédure de filtrage et de correction largement automatisée a été effectuée comme l'année précédente. La méthode de dépouillement appliquée auparavant a été maintenue si bien que la continuité et les comparaisons demeurent garanties.

Les compteurs enregistrent tous les mouvements sur la section. C'est pourquoi les données brutes sont soumises à un filtrage selon un schéma bien précis afin d'éliminer toutes les mesures qui ne ressemblent pas à des vélos, comme tout trafic automobile mais aussi tout piéton ou patineur.

Pour des raisons techniques cependant, tous les vélos ne peuvent pas être enregistrés indubitablement, p. ex. lorsqu'ils sont en groupe. Il en est tenu compte par des facteurs de correction qui ont été établis à l'aide de comptages manuels comparatifs.

En outre, la plausibilité des données est encore vérifiée et, si nécessaire, elles sont modifiées ou complétées sur la base des courbes de variations des années précédentes et des conditions météorologiques. (voir rapport distinct: „Veloland Schweiz 2012 – Jahreskennwerte und Methodik zur Auswertung der Velo-Zählanlagen“, ProgTrans, 2013).

Le contrôle de la plausibilité et le dépouillement des données des compteurs sont effectués par ProgTrans SA à Bâle sur mandat de la fondation «SuisseMobile».

Fondation «SuisseMobile»  
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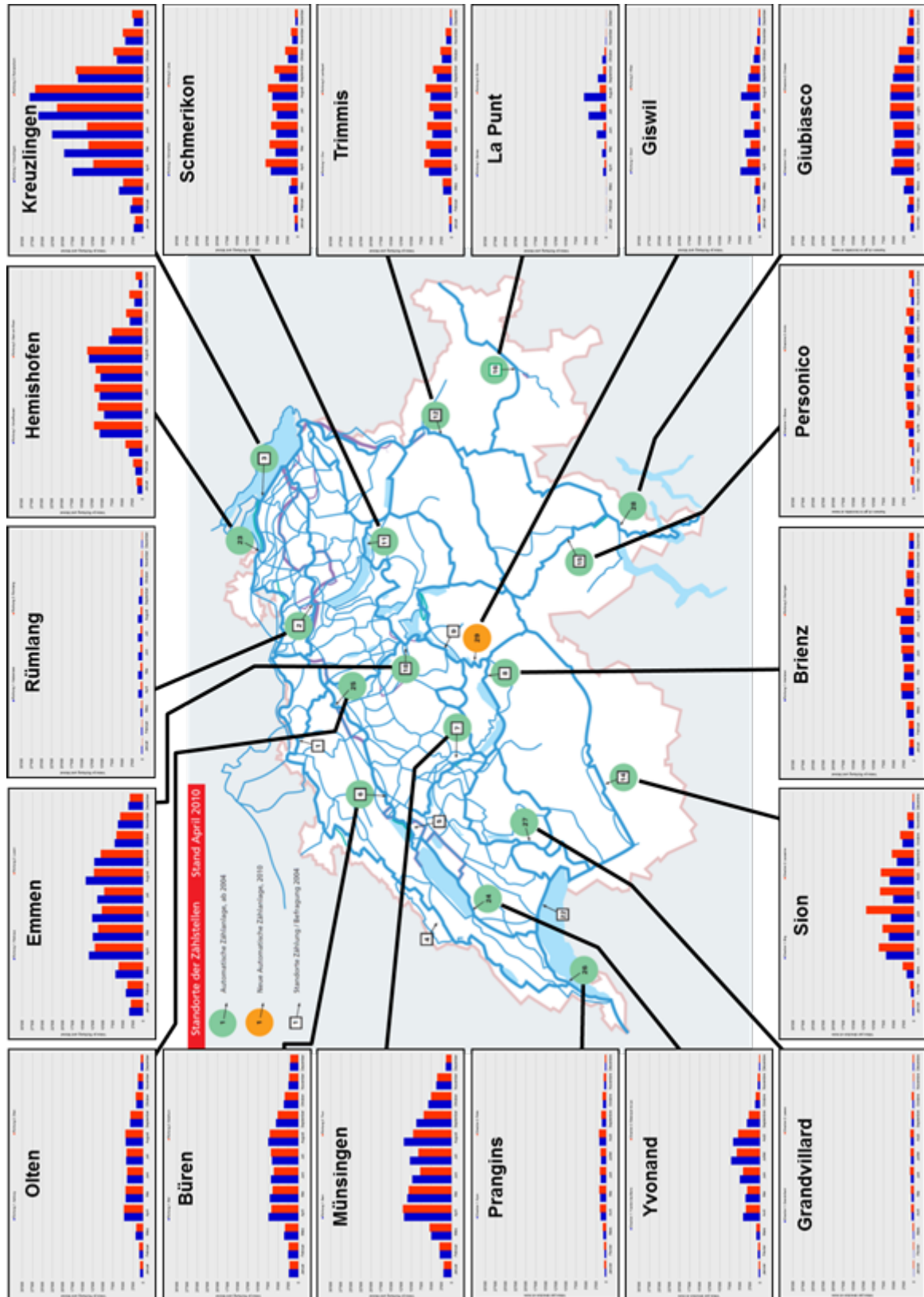
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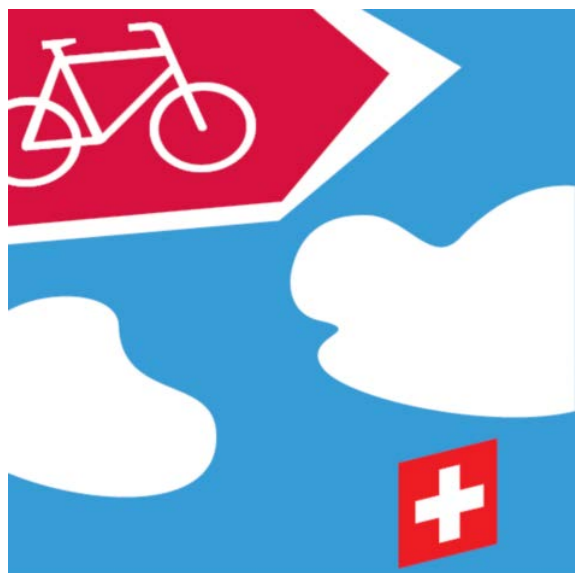
## Vue d'ensemble des sections et des résultats de comptage





Dépouillement des comptages vélos de 2012





**Veloland Schweiz**

## **Velo-Zählanlagen – Auswertungen 2012 je Standort**

### **Comptages automatiques des vélos – Dépouillements pour 2012 par emplacement**

Nachfolgend sind die separaten Auswertungen der Daten der insgesamt 18 Velo-Zählanlagen aus dem Jahr 2012 aufgeführt.

Les dépouillements distincts des données de 2012 pour chacune des 18 sections de comptages sont fournis ci-après.

Velo-Zählanlage Rümlang ZH (02)	31
Velo-Zählanlage Bottighofen TG (03)	41
Velo-Zählanlage Büren a.A. BE (06)	51
Velo-Zählanlage Münsingen BE (07)	61
Velo-Zählanlage Brienz BE (08)	71
Velo-Zählanlage Schmerikon SG (11)	81
Velo-Zählanlage Trimmis GR (12)	91
Compteur de Sion VS (14)	101
Unità di conteggio biciclette di Personico TI (15)	111
Velo-Zählanlage La Punt GR (16)	121
Velo-Zählanlage Emmen LU (18)	131
Velo-Zählanlage Hemishofen SH (23)	141
Compteur d'Yvonand VD (24)	151
Velo-Zählanlage Olten SO (25)	161
Compteur de Prangins VD (26)	171
Compteur de Grandvillard FR (27)	181
Unità di conteggio biciclette di Giubiasco TI (28)	191
Velo-Zählanlage Giswil OW (29)	201





## Velo-Zählanlage Rümlang ZH (02)

### Auswertung 2012

Am Messquerschnitt in Rümlang ist neben einem Grundaufkommen an Pendlerverkehr hauptsächlich Freizeitverkehr zu verzeichnen. Das Aufkommen ist sehr gering, insgesamt wurden im Jahr 2012 ca. 11'600 Velofahrende erfasst. Das entspricht bei einem leichten Rückgang um 5 % in etwa den Vorjahrsergebnissen. Die Hauptsaison konzentrierte sich auf den Zeitraum von Mai bis August. Im Jahresdurchschnitt war die Richtung 1 nach Katzenssee stärker belastet. Das durchschnittliche tägliche Veloverkehrsaufkommen am Messquerschnitt Rümlang lag 2012 bei 32 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der frühen Abendstunden zu verzeichnen.

### Standort

Die Velo-Zählanlage Rümlang liegt im Kanton Zürich an der Mittelland-Route 5 des nationalen Velolandnetzes.

Die Zählstation befindet sich auf dem Gemeindegebiet von Rümlang westlich des Flughafens Zürich-Kloten an der Chätschstrasse auf dem Abschnitt zwischen Katzenssee und Rümlang.

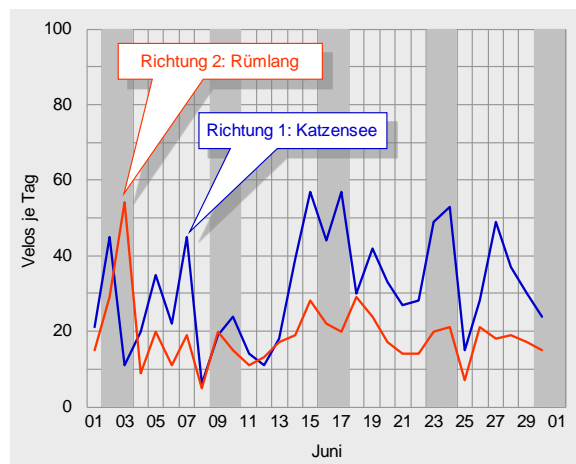
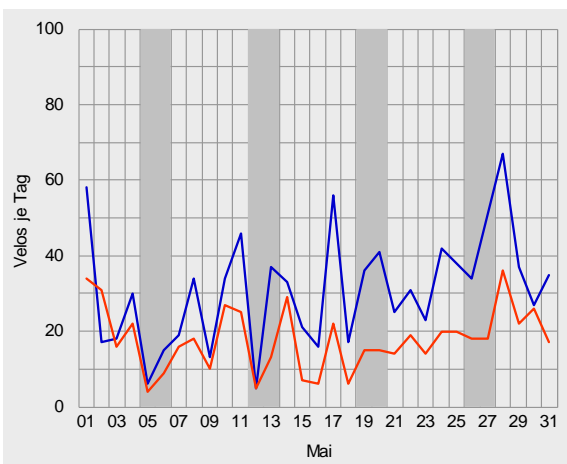
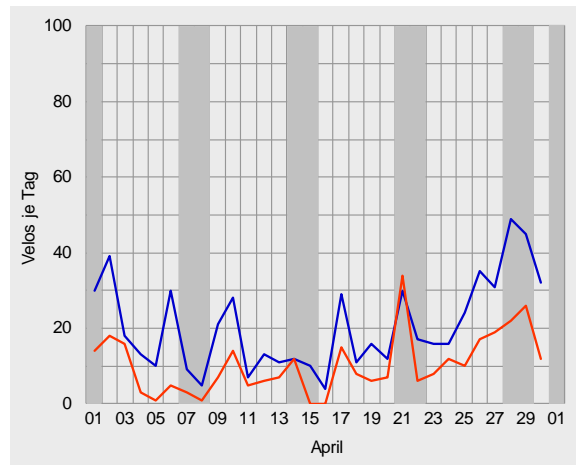
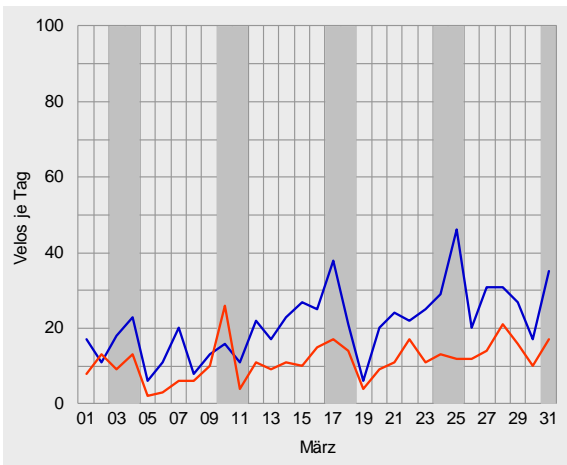
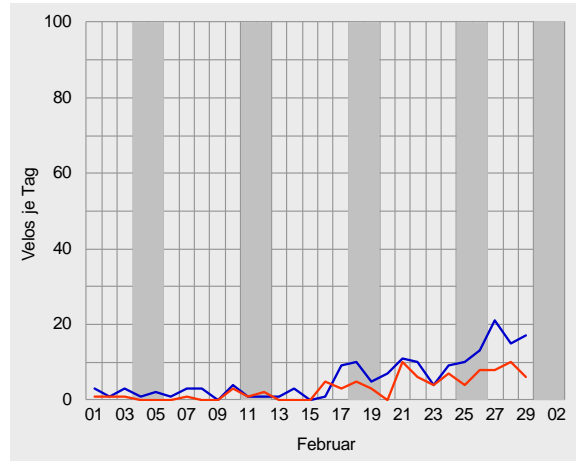
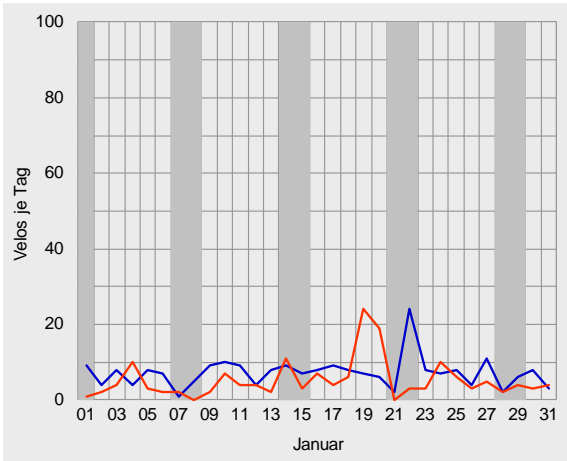
Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 17 und 18 Uhr verzeichnet, hier passierten im Durchschnitt 3 Velos den Messquerschnitt.

Die Velo-Zählanlage Rümlang hat im Verlauf des Jahres 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

Der Messquerschnitt liegt an einer Nebenstrasse mit geringem Motorfahrzeugverkehr. Die Strecke weist ein leichtes Gefälle auf, die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren. Neben dem Wegabschnitt, an dem sich die Velo-Zählanlage befindet, gibt es zahlreiche weitere für den Veloverkehr geeignete Wege. Es wird vermutet, dass sich der Veloverkehr in diesem Gebiet über mehrere Wege dispers verteilt.

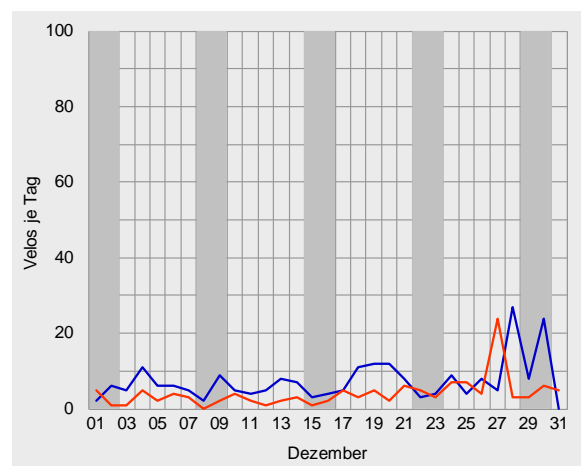
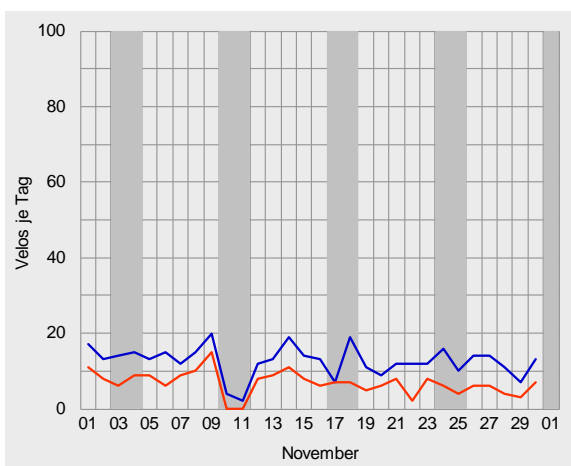
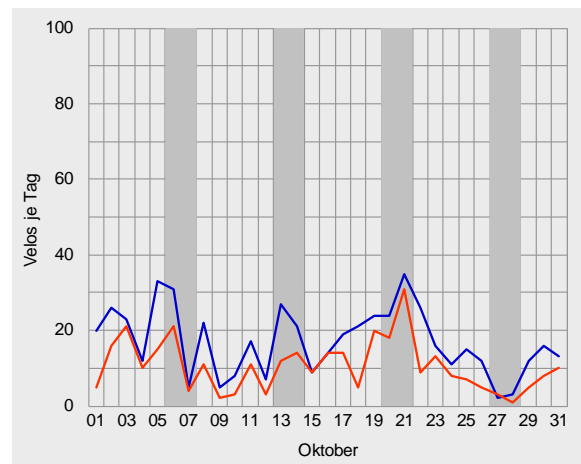
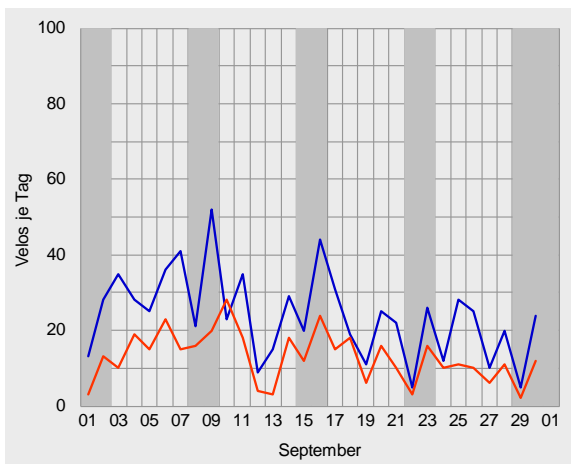
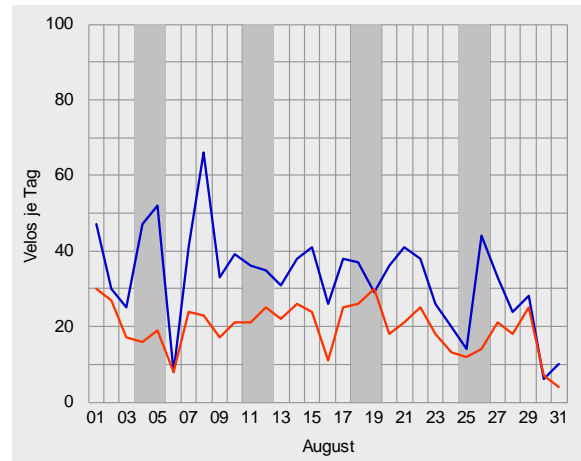
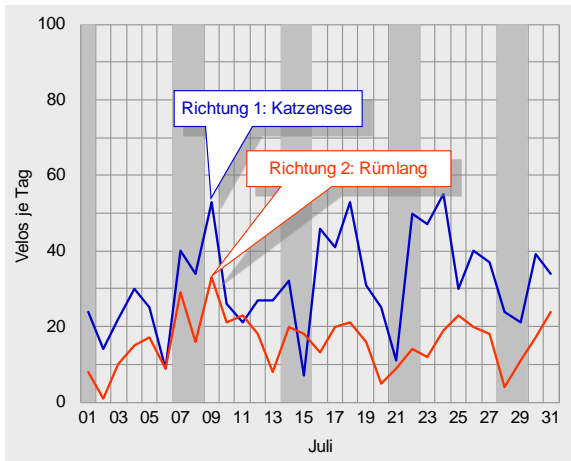


## Veloverkehrsaufkommen 2012



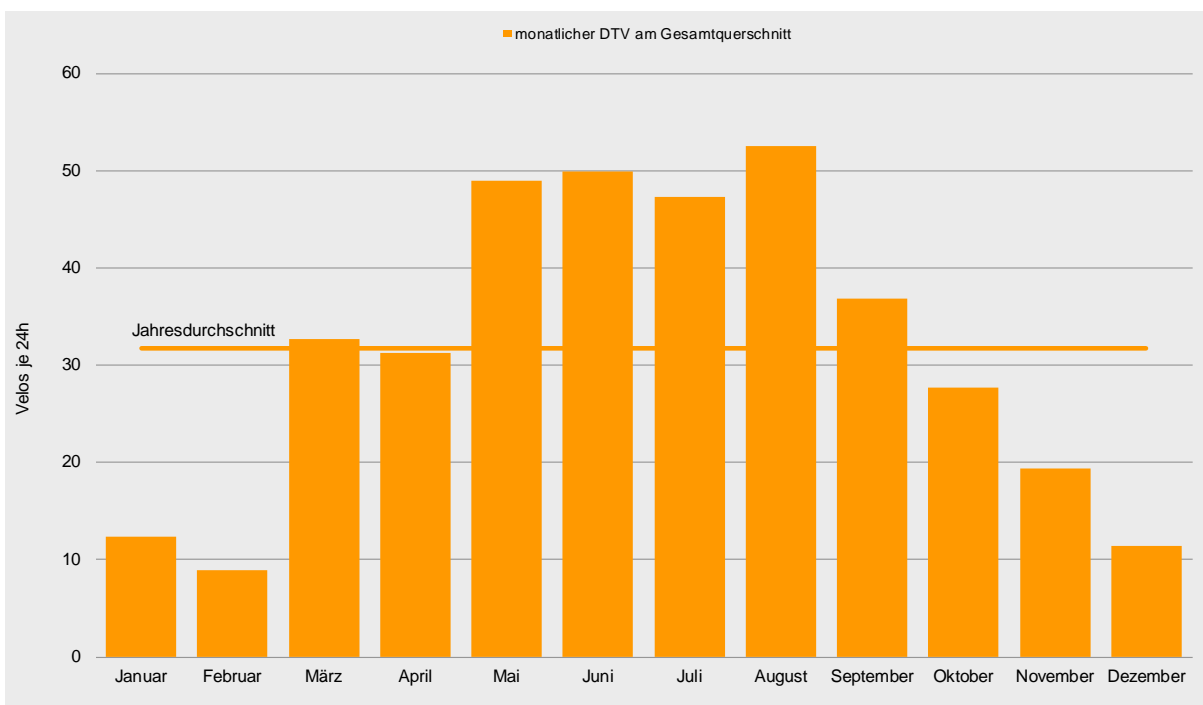
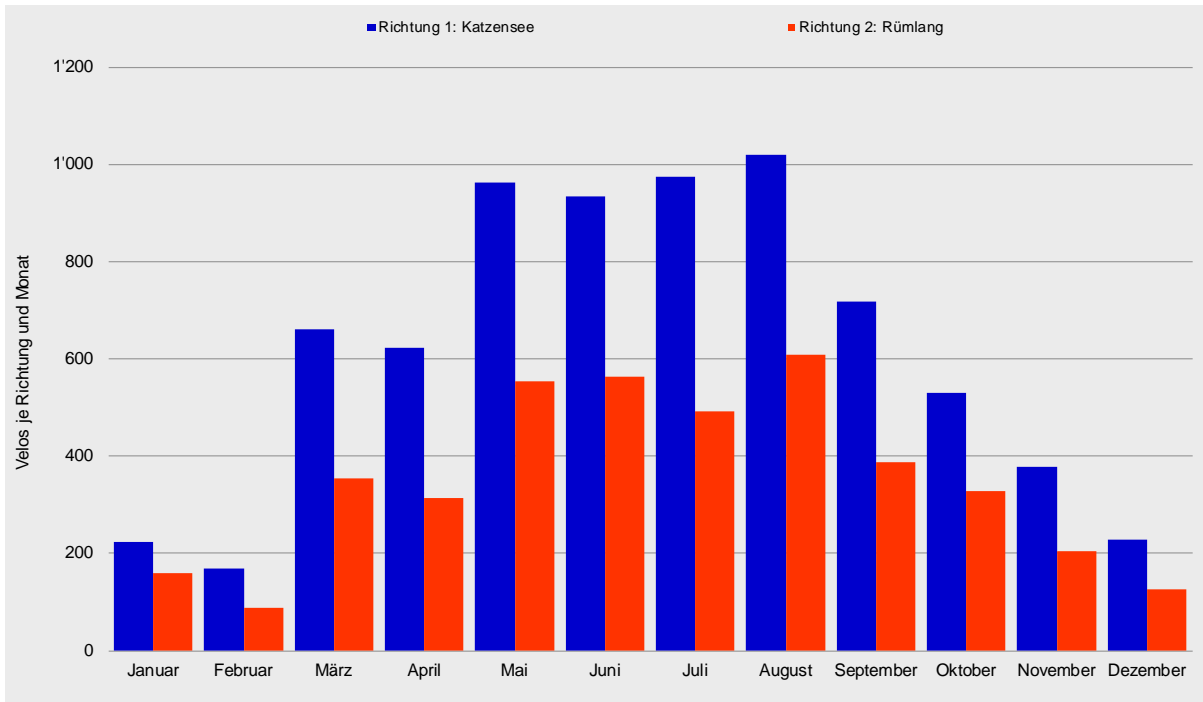


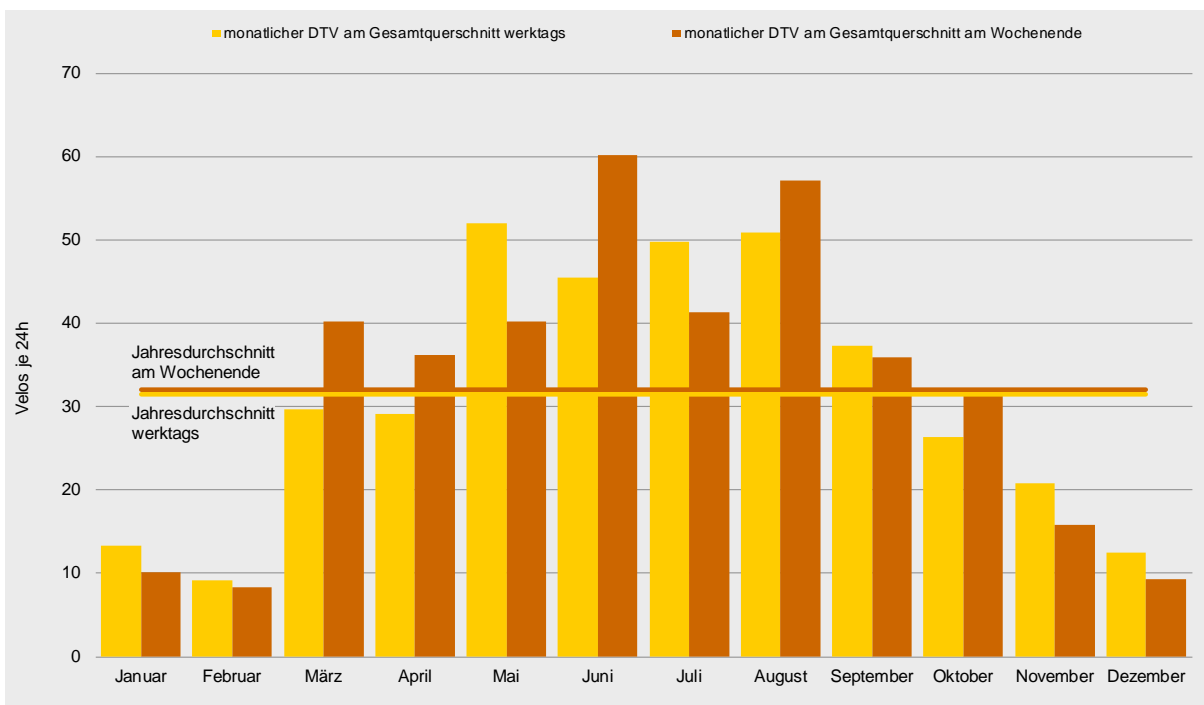
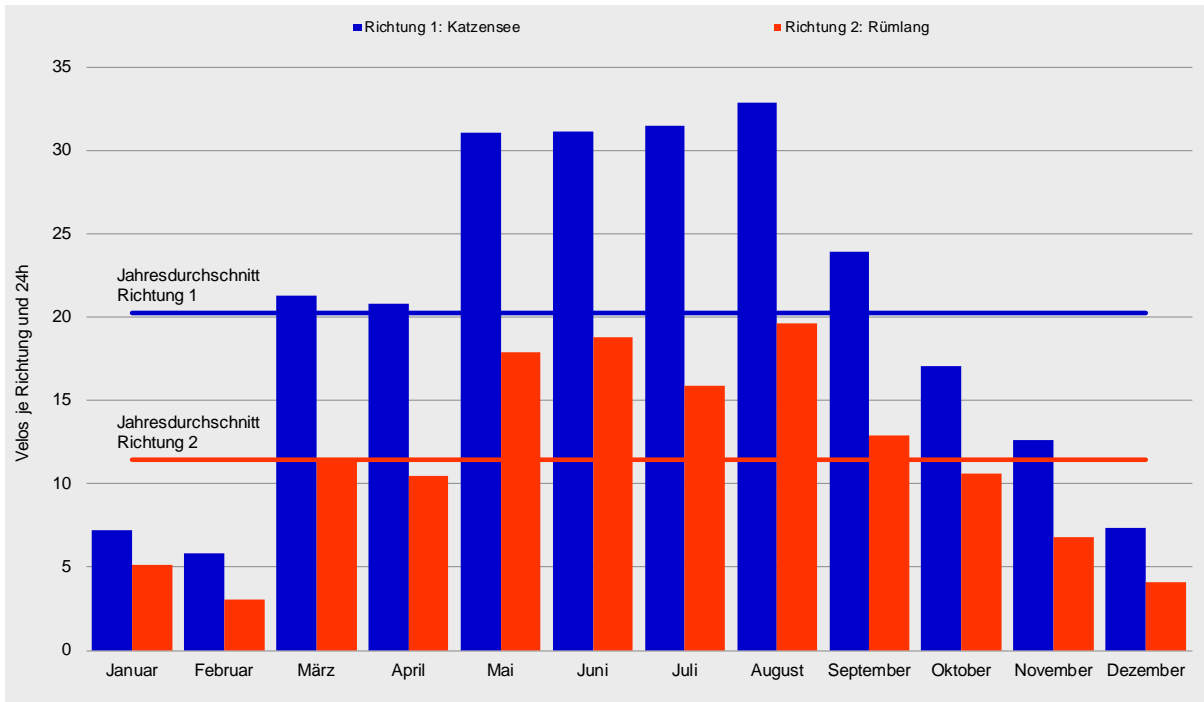
Velo-Zählanlage Rümlang Auswertung 2012





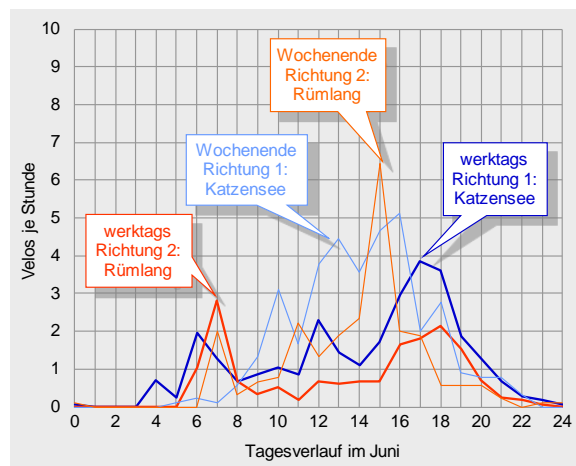
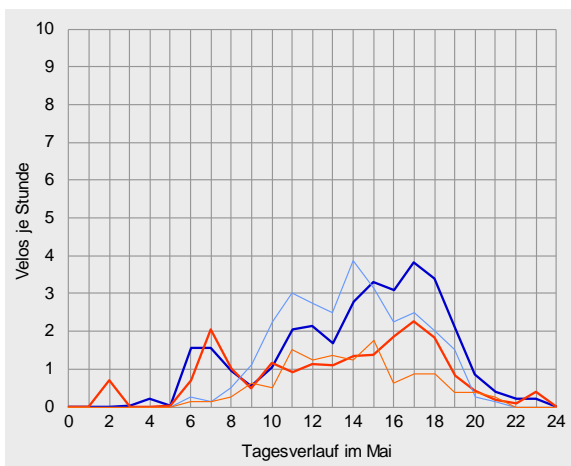
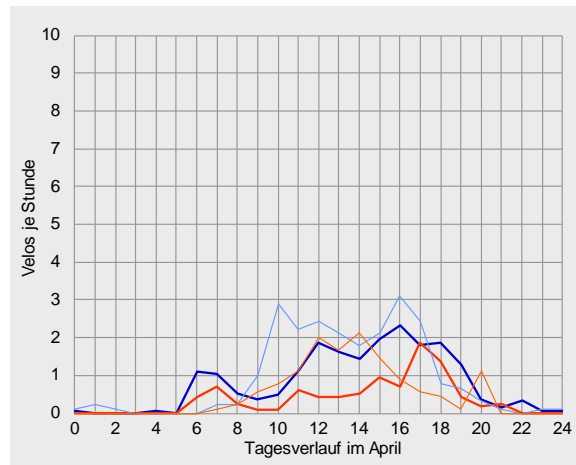
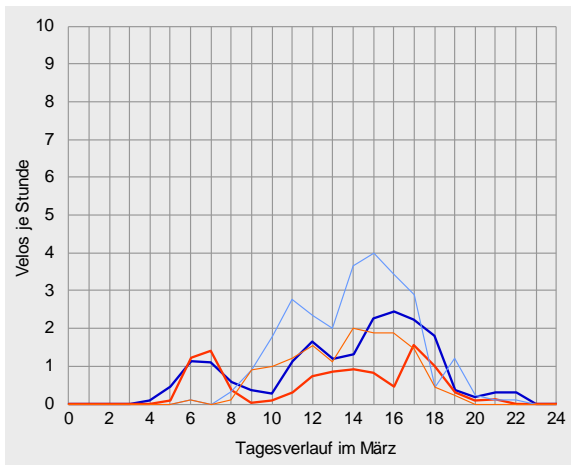
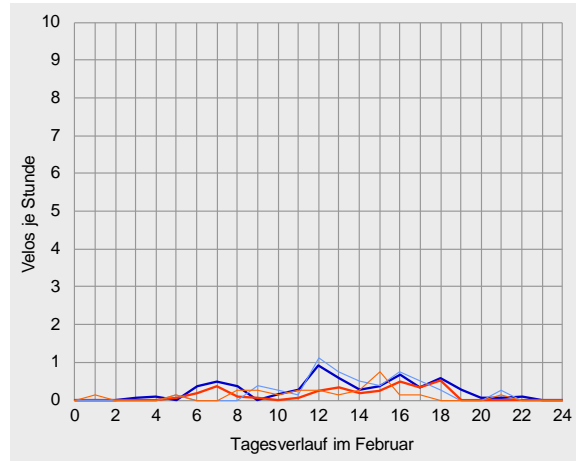
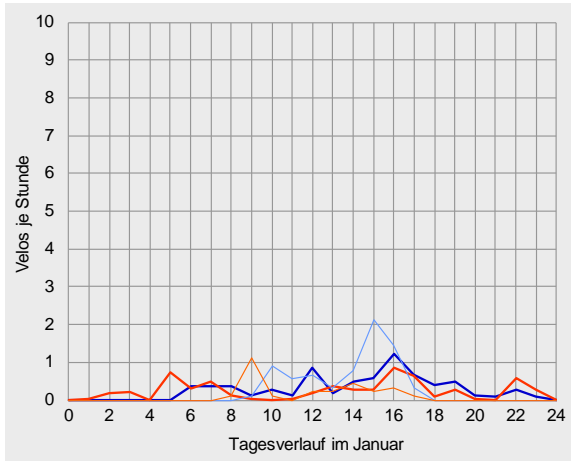
## Durchschnittlicher täglicher Veloverkehr 2012







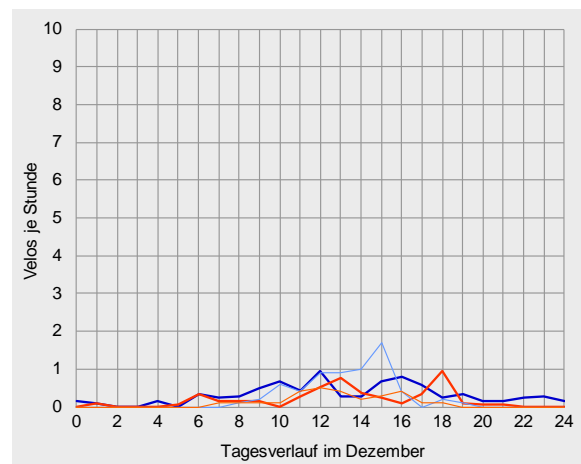
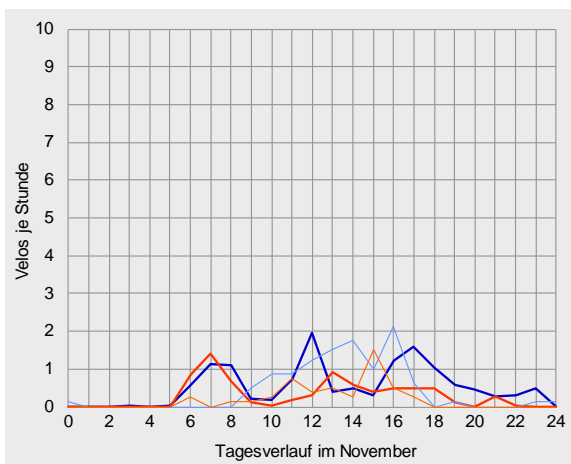
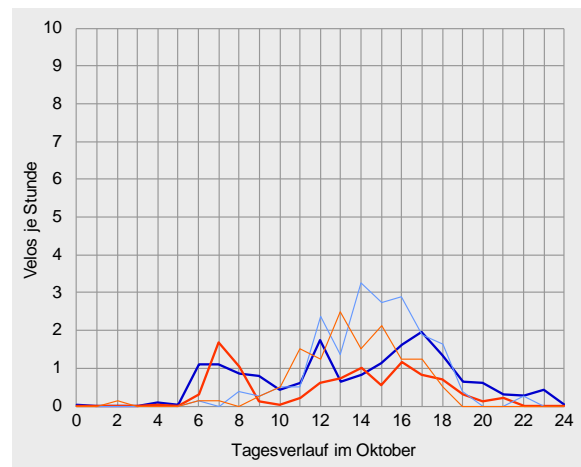
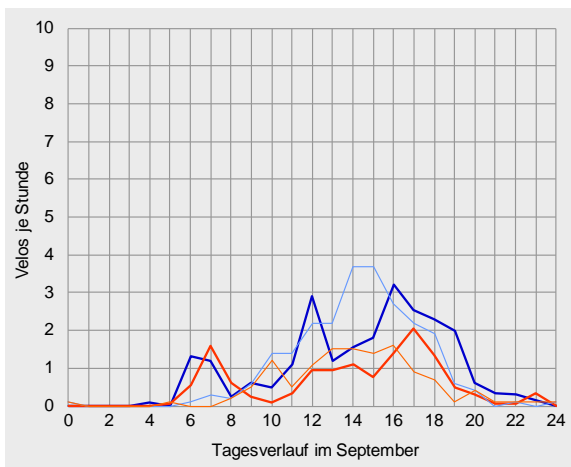
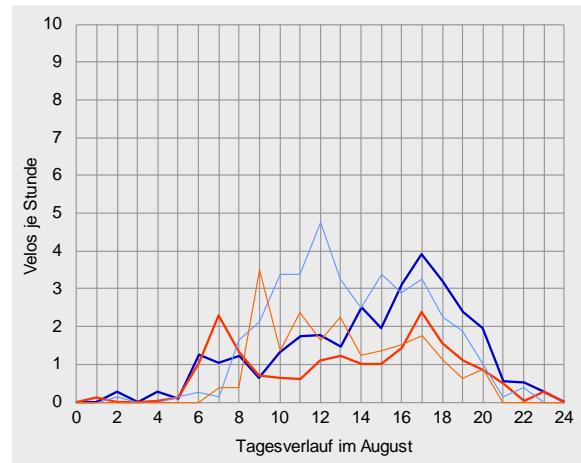
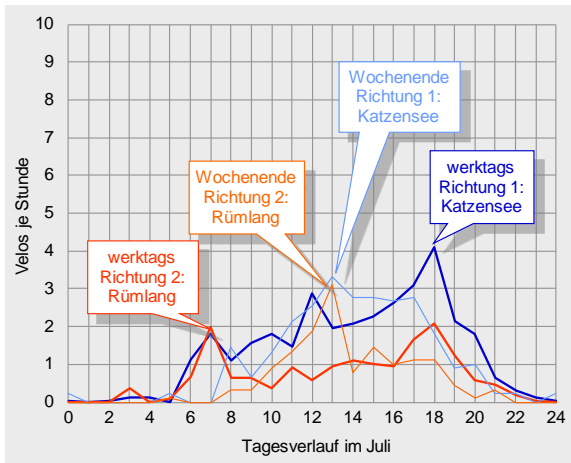
## Tagesganglinien 2012







Velo-Zählanlage Rümlang Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Rümliang 2012

	Richtung 1: Katzensee			Richtung 2: Rümliang			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	223	3%	-8%	160	4%	+76%	383	3%	+15%
Februar	169	2%	-42%	89	2%	-35%	258	2%	-39%
März	660	9%	+37%	354	8%	+44%	1'014	9%	+39%
April	623	8%	-40%	314	8%	-21%	937	8%	-35%
Mai	962	13%	-10%	554	13%	+19%	1'516	13%	-1%
Juni	933	13%	-10%	563	13%	+20%	1'496	13%	-1%
Juli	975	13%	-14%	492	12%	+9%	1'467	13%	-8%
August	1'019	14%	-9%	608	15%	+38%	1'627	14%	+4%
September	717	10%	-19%	387	9%	+14%	1'104	10%	-10%
Oktober	529	7%	-7%	328	8%	+31%	857	7%	+5%
November	378	5%	-22%	204	5%	+17%	582	5%	-12%
Dezember	228	3%	+16%	126	3%	-5%	354	3%	+8%
2012	7'416	100%	-13%	4'179	100%	+16%	11'595	100%	-5%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	7	-64%	-5%	6	-47%	+133%	13	-58%	+31%
	Wochenende	7	-65%	-14%	3	-74%	-20%	10	-68%	-16%
	gesamt	7	-64%	-8%	5	-55%	+76%	12	-61%	+15%
Februar	w erktags	6	-70%	-36%	3	-73%	-29%	9	-71%	-34%
	Wochenende	5	-74%	-57%	3	-75%	-51%	8	-74%	-55%
	gesamt	6	-71%	-44%	3	-73%	-37%	9	-72%	-41%
März	w erktags	19	-4%	+28%	10	-9%	+26%	30	-6%	+27%
	Wochenende	26	+27%	+54%	14	+23%	+98%	40	+25%	+67%
	gesamt	21	+5%	+37%	11	+0%	+44%	33	+3%	+39%
April	w erktags	20	-1%	-34%	9	-19%	-24%	29	-8%	-31%
	Wochenende	23	+11%	-48%	13	+16%	-15%	36	+13%	-40%
	gesamt	21	+2%	-40%	10	-8%	-21%	31	-1%	-35%
Mai	w erktags	32	+60%	+4%	20	+73%	+46%	52	+65%	+17%
	Wochenende	28	+36%	-36%	12	+7%	-34%	40	+26%	-35%
	gesamt	31	+53%	-10%	18	+57%	+19%	49	+54%	-1%
Juni	w erktags	29	+44%	-12%	17	+44%	+12%	45	+44%	-4%
	Wochenende	36	+75%	-9%	24	+112%	+32%	60	+88%	+4%
	gesamt	31	+53%	-10%	19	+64%	+20%	50	+57%	-1%
Juli	w erktags	33	+66%	-6%	17	+44%	+15%	50	+58%	-0%
	Wochenende	27	+30%	-31%	14	+27%	-6%	41	+29%	-24%
	gesamt	31	+55%	-14%	16	+39%	+9%	47	+49%	-8%
August	w erktags	32	+57%	-11%	19	+69%	+48%	51	+61%	+5%
	Wochenende	37	+77%	-6%	20	+80%	+18%	57	+78%	+2%
	gesamt	33	+62%	-9%	20	+72%	+38%	52	+66%	+4%
September	w erktags	24	+19%	-18%	13	+16%	+16%	37	+18%	-9%
	Wochenende	24	+15%	-22%	12	+7%	+13%	36	+12%	-13%
	gesamt	24	+18%	-19%	13	+13%	+14%	37	+16%	-10%
Oktober	w erktags	17	-17%	-21%	10	-15%	+21%	26	-17%	-9%
	Wochenende	19	-11%	+43%	13	+15%	+59%	32	-2%	+49%
	gesamt	17	-16%	-7%	11	-7%	+31%	28	-13%	+5%
November	w erktags	13	-34%	-21%	8	-35%	+41%	21	-34%	-6%
	Wochenende	11	-48%	-28%	5	-57%	-32%	16	-51%	-29%
	gesamt	13	-38%	-22%	7	-40%	+17%	19	-39%	-12%
Dezember	w erktags	8	-61%	+12%	5	-59%	-8%	12	-61%	+3%
	Wochenende	7	-69%	+36%	3	-75%	+26%	9	-71%	+33%
	gesamt	7	-64%	+16%	4	-64%	-5%	11	-64%	+8%
2012	w erktags	20	0%	-11%	11	0%	+21%	32	0%	-2%
	Wochenende	21	0%	-19%	11	0%	+6%	32	0%	-11%
	gesamt	20	0%	-14%	11	0%	+16%	32	0%	-5%



Velo-Zählanlage Rümlang Auswertung 2012

		Richtung 1: Katzensee					Richtung 2: Rümlang					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	15%	29%	35%	21%	19%	16%	15%	29%	21%	9%	15%	23%	32%	21%
	Wochenende	0%	0%	46%	54%	0%	0%	4%	73%	23%	0%	0%	1%	54%	45%	0%
	gesamt	0%	11%	34%	40%	15%	16%	14%	24%	28%	18%	7%	12%	30%	35%	16%
Februar	w erktags	2%	21%	37%	23%	17%	2%	21%	27%	33%	17%	2%	21%	33%	27%	17%
	Wochenende	2%	0%	58%	30%	9%	9%	9%	43%	35%	4%	5%	3%	53%	32%	8%
	gesamt	2%	15%	42%	25%	15%	3%	18%	31%	34%	13%	3%	16%	38%	28%	15%
März	w erktags	3%	15%	31%	36%	16%	1%	29%	28%	27%	15%	2%	20%	30%	33%	15%
	Wochenende	0%	2%	51%	39%	8%	0%	2%	56%	38%	5%	0%	2%	53%	39%	7%
	gesamt	2%	10%	38%	37%	13%	1%	19%	38%	31%	11%	1%	13%	38%	35%	12%
April	w erktags	0%	13%	35%	31%	20%	0%	15%	23%	38%	24%	0%	14%	31%	33%	22%
	Wochenende	2%	2%	54%	33%	9%	0%	3%	63%	22%	13%	1%	2%	57%	29%	10%
	gesamt	1%	10%	41%	32%	17%	0%	10%	38%	32%	20%	1%	10%	40%	32%	18%
Mai	w erktags	1%	13%	32%	32%	22%	4%	19%	31%	28%	19%	2%	15%	32%	30%	21%
	Wochenende	0%	3%	55%	28%	14%	0%	4%	54%	27%	15%	0%	3%	55%	28%	14%
	gesamt	1%	10%	37%	31%	20%	3%	16%	35%	28%	18%	2%	13%	36%	30%	20%
Juni	w erktags	3%	14%	26%	29%	27%	0%	27%	18%	25%	29%	2%	19%	23%	28%	28%
	Wochenende	0%	2%	49%	33%	15%	0%	10%	38%	43%	8%	0%	5%	45%	37%	13%
	gesamt	2%	10%	34%	31%	23%	0%	21%	26%	32%	21%	2%	14%	31%	31%	22%
Juli	w erktags	1%	12%	35%	24%	27%	3%	20%	28%	22%	28%	2%	15%	33%	23%	28%
	Wochenende	2%	5%	47%	30%	15%	1%	2%	58%	25%	14%	1%	4%	51%	28%	15%
	gesamt	1%	10%	38%	26%	24%	2%	15%	36%	23%	24%	2%	12%	37%	25%	24%
August	w erktags	2%	11%	30%	29%	28%	2%	24%	27%	25%	22%	2%	16%	29%	27%	26%
	Wochenende	1%	5%	53%	26%	15%	0%	4%	61%	23%	13%	0%	5%	56%	25%	14%
	gesamt	2%	10%	37%	28%	25%	1%	19%	36%	24%	20%	1%	13%	36%	26%	23%
September	w erktags	0%	11%	33%	32%	24%	0%	21%	28%	32%	20%	0%	15%	31%	32%	22%
	Wochenende	0%	3%	48%	36%	13%	2%	2%	52%	32%	12%	1%	2%	50%	35%	13%
	gesamt	0%	9%	38%	33%	20%	1%	15%	35%	32%	17%	1%	11%	37%	33%	19%
Oktober	w erktags	1%	18%	30%	28%	22%	0%	31%	28%	26%	14%	1%	23%	30%	28%	19%
	Wochenende	0%	3%	45%	41%	12%	1%	2%	58%	36%	4%	0%	2%	50%	38%	9%
	gesamt	1%	14%	34%	32%	19%	1%	22%	38%	29%	11%	1%	17%	36%	31%	16%
November	w erktags	1%	21%	30%	24%	24%	0%	39%	29%	19%	13%	0%	28%	30%	22%	20%
	Wochenende	1%	0%	62%	34%	2%	0%	8%	46%	46%	0%	1%	2%	57%	38%	2%
	gesamt	1%	16%	38%	26%	19%	0%	33%	32%	24%	10%	1%	22%	36%	25%	16%
Dezember	w erktags	5%	11%	40%	26%	18%	3%	13%	45%	14%	24%	4%	12%	42%	22%	20%
	Wochenende	0%	2%	62%	32%	5%	0%	7%	61%	29%	4%	0%	3%	61%	31%	4%
	gesamt	4%	8%	46%	28%	14%	2%	12%	48%	17%	20%	3%	10%	47%	24%	16%
2012	w erktags	2%	14%	32%	29%	24%	2%	23%	27%	26%	21%	2%	17%	30%	28%	23%
	Wochenende	1%	3%	51%	33%	12%	1%	4%	54%	32%	10%	1%	3%	52%	33%	11%
	gesamt	1%	11%	38%	30%	20%	2%	18%	35%	28%	18%	1%	13%	36%	30%	19%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		2		17-18 Uhr		1		7-8 Uhr		4		17-18 Uhr				
Wochenende		3		15-16 Uhr		2		15-16 Uhr		4		15-16 Uhr				
über alle Tage 2012		2		16-17 Uhr		1		17-18 Uhr		3		17-18 Uhr				





## Velo-Zählanlage Bottighofen TG (03)

### Auswertung 2012

Der Messquerschnitt in Bottighofen ist einer der am höchsten belasteten Querschnitte auf dem nationalen Veloland-Routennetz. Insgesamt wurden im Jahr 2012 knapp 289'000 Velofahrende erfasst, das entspricht bei einer Zunahme um 1 % nahezu dem im Vorjahr gemessenen Aufkommen. Hauptsaison war der Zeitraum von Mai bis August. Die getrennte Betrachtung nach Fahrtrichtungen zeigt, dass der Veloverkehr in Richtung Romanshorn leicht überwog. Das durchschnittliche tägliche Veloverkehrsaufkommen am Messquerschnitt lag 2012 bei 789 Velos.

### Standort

Die Velo-Zählanlage Bottighofen liegt im Kanton Thurgau an der Rhein-Route 2 des nationalen Velolandnetzes.

Die Velo-Zählanlage befindet sich östlich von Kreuzlingen zwischen Romanshorn und Kreuzlingen an der (verlängerten) Schwimmbadstrasse im Ortsteil Kurzrickenbach. Seit Juni 2011 ist die Anlage am neuen Standort Mühlepark, Bottighofen in Betrieb.

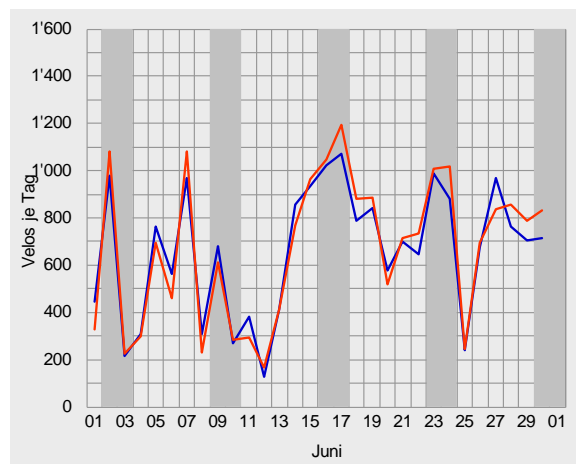
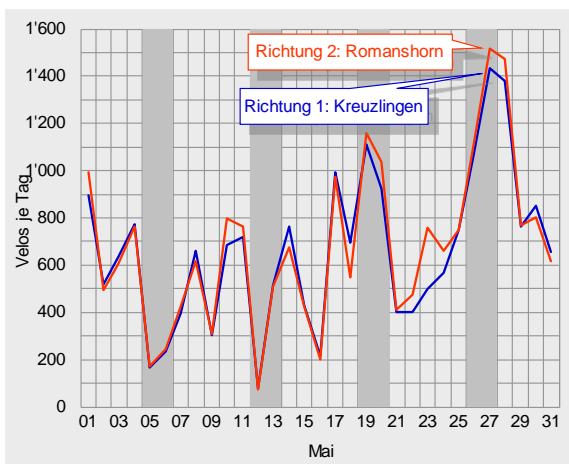
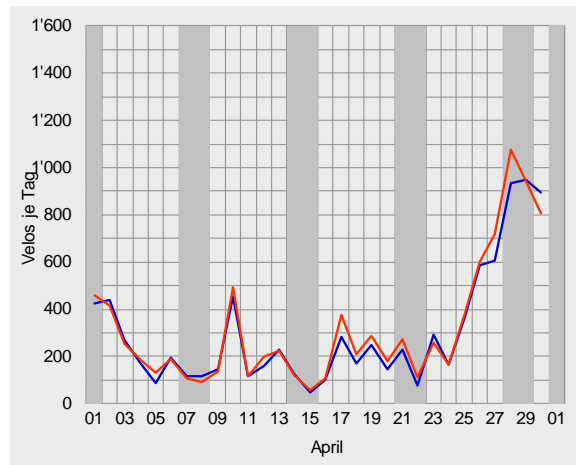
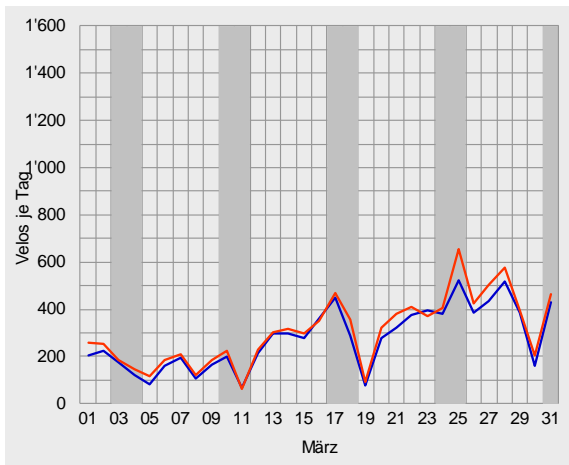
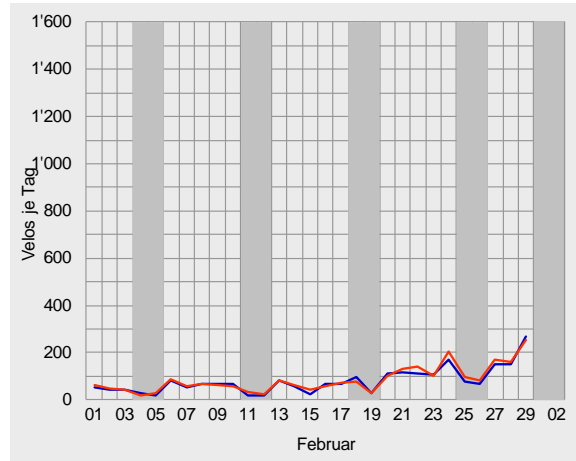
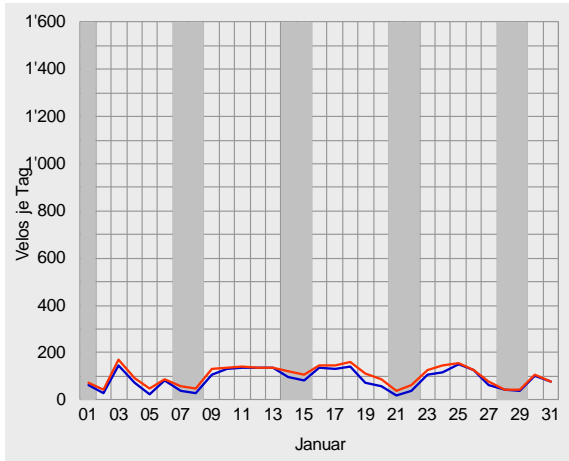
Die Hauptlast an einem durchschnittlichen Tag war während der Nachmittagsstunden zu verzeichnen. Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 14 und 15 Uhr verzeichnet, hier passierten im Durchschnitt 77 Velos den Messquerschnitt.

Die Velo-Zählanlage Bottighofen hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

Die Schwimmbadstrasse ist eine Nebenstrasse, am Standort ist kein Motorfahrzeugverkehr zu verzeichnen. Der Querschnitt in Höhe der Velo-Zählanlage weist eine Breite von ca. 4 m auf. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren.

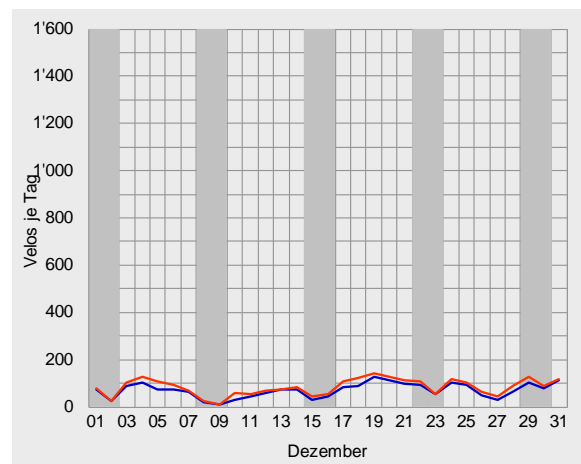
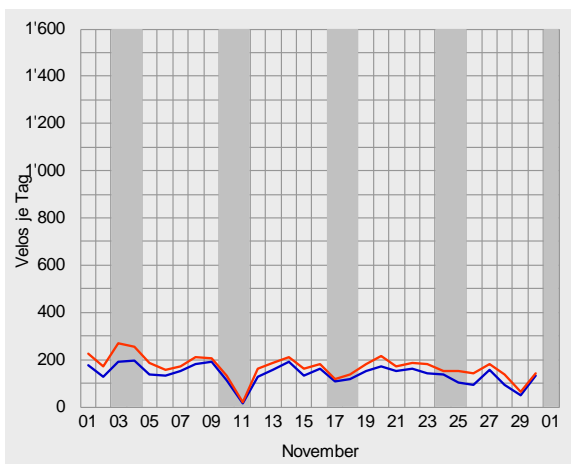
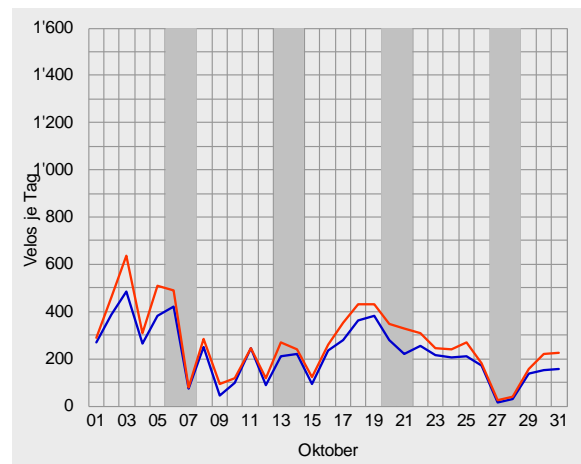
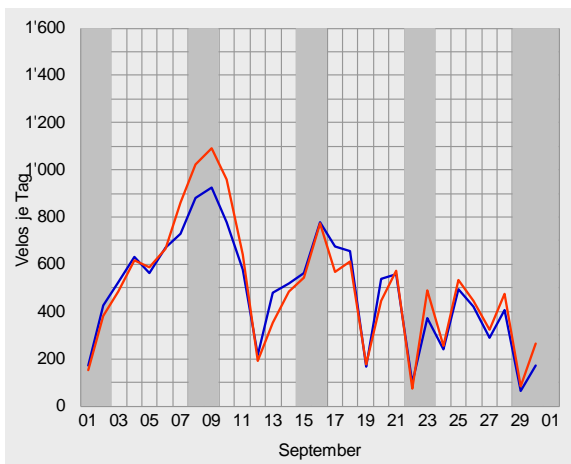
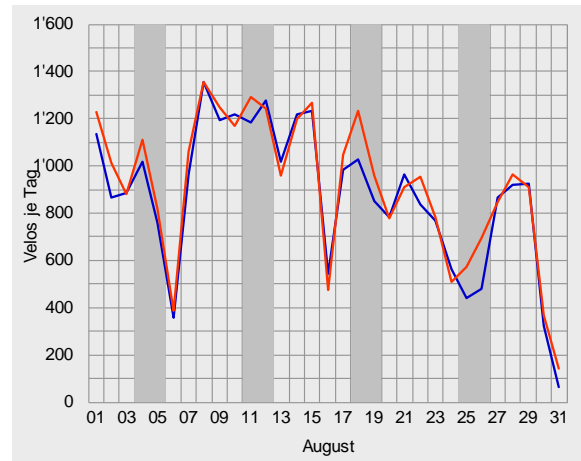
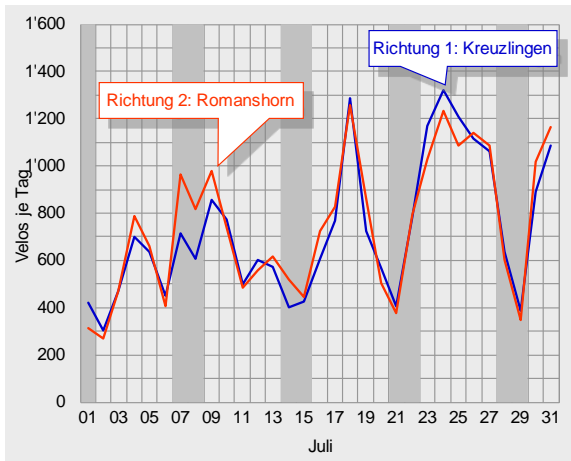


## Veloverkehrsaufkommen 2012



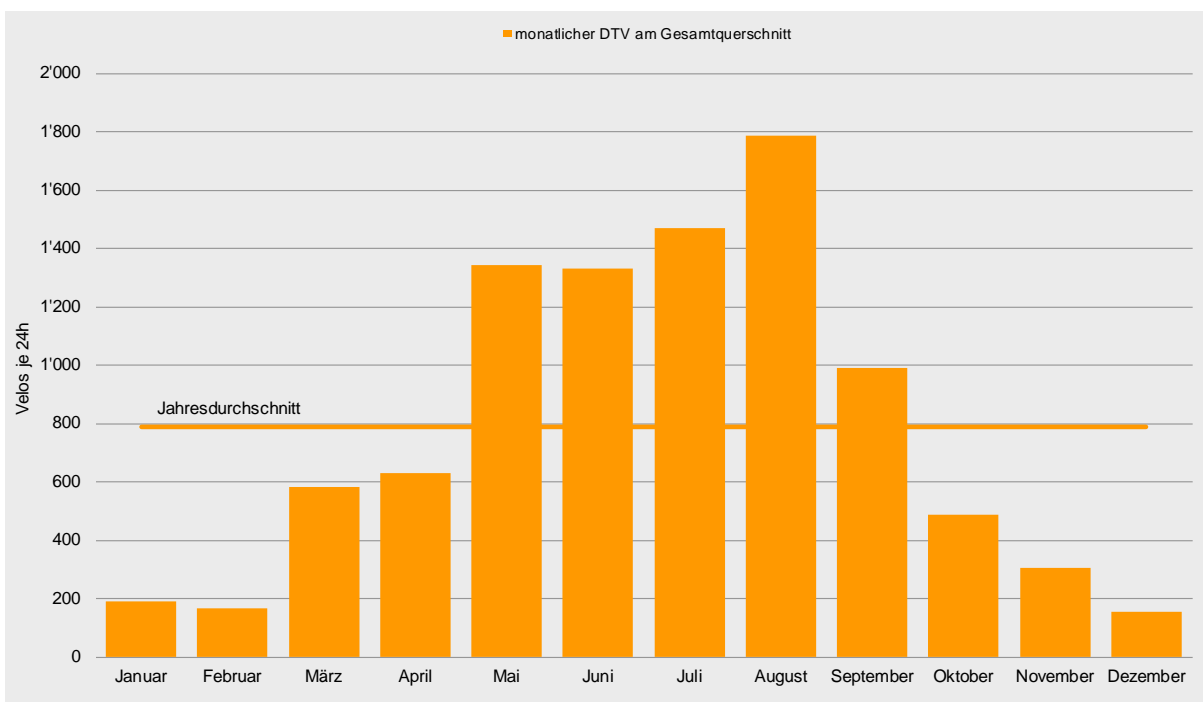
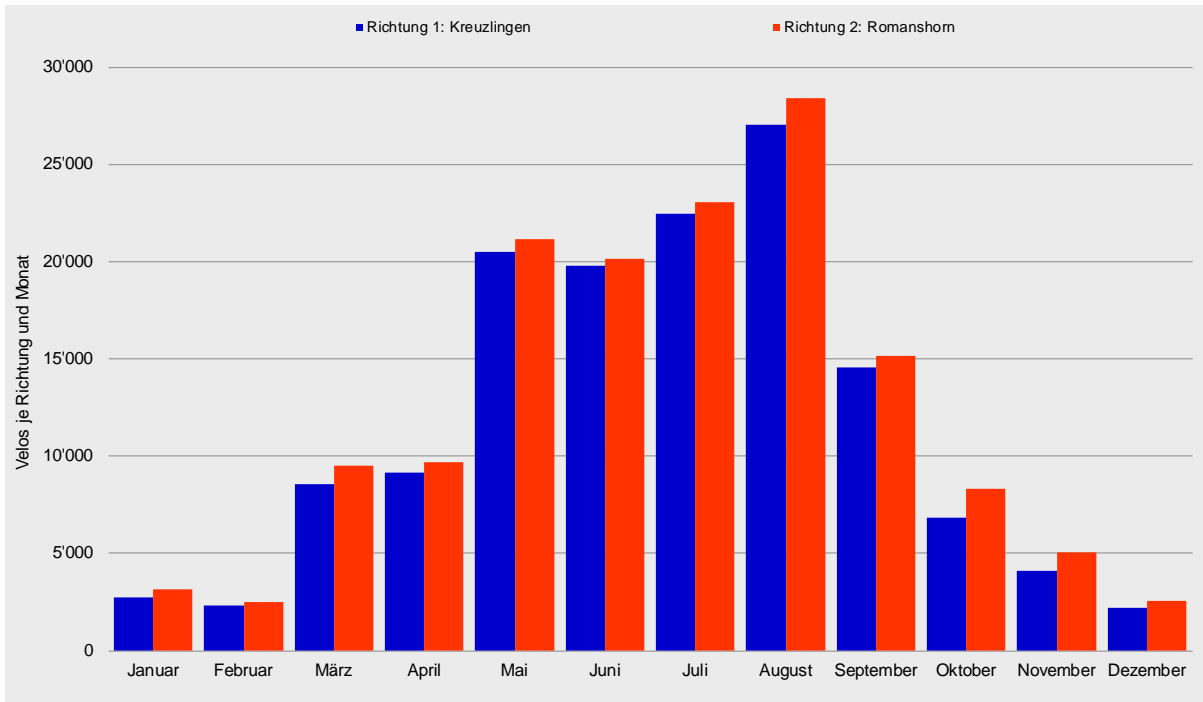


Velo-Zählanlage Bottighofen Auswertung 2012

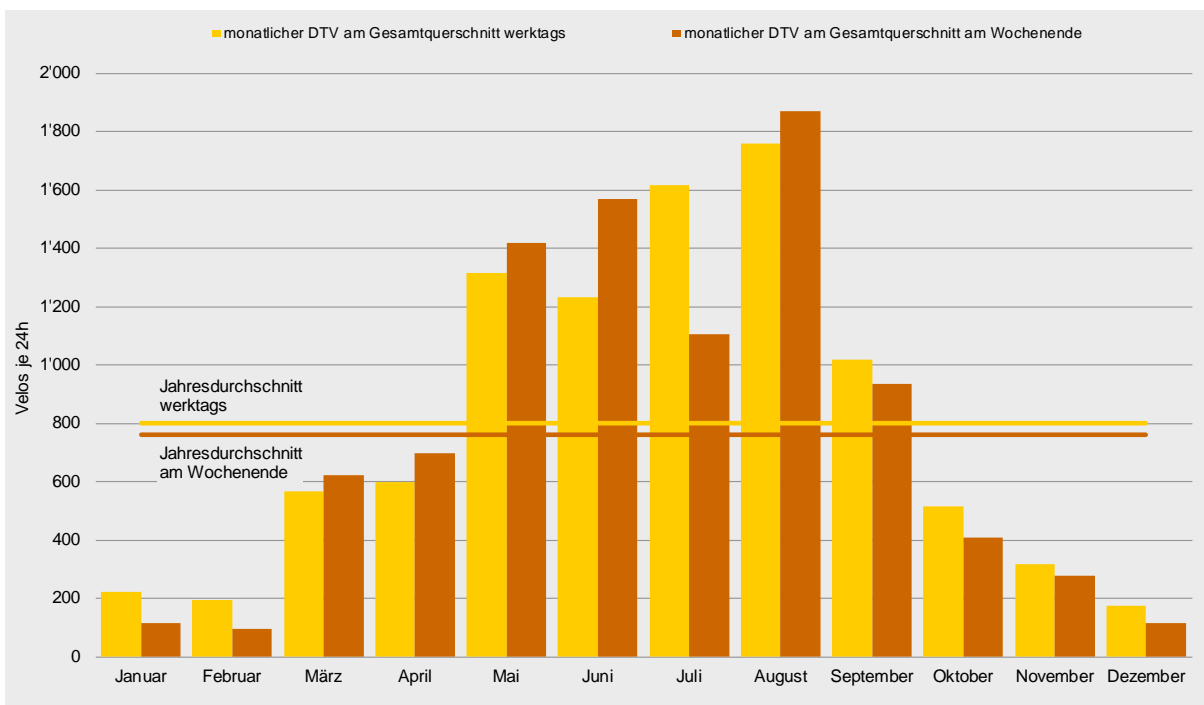
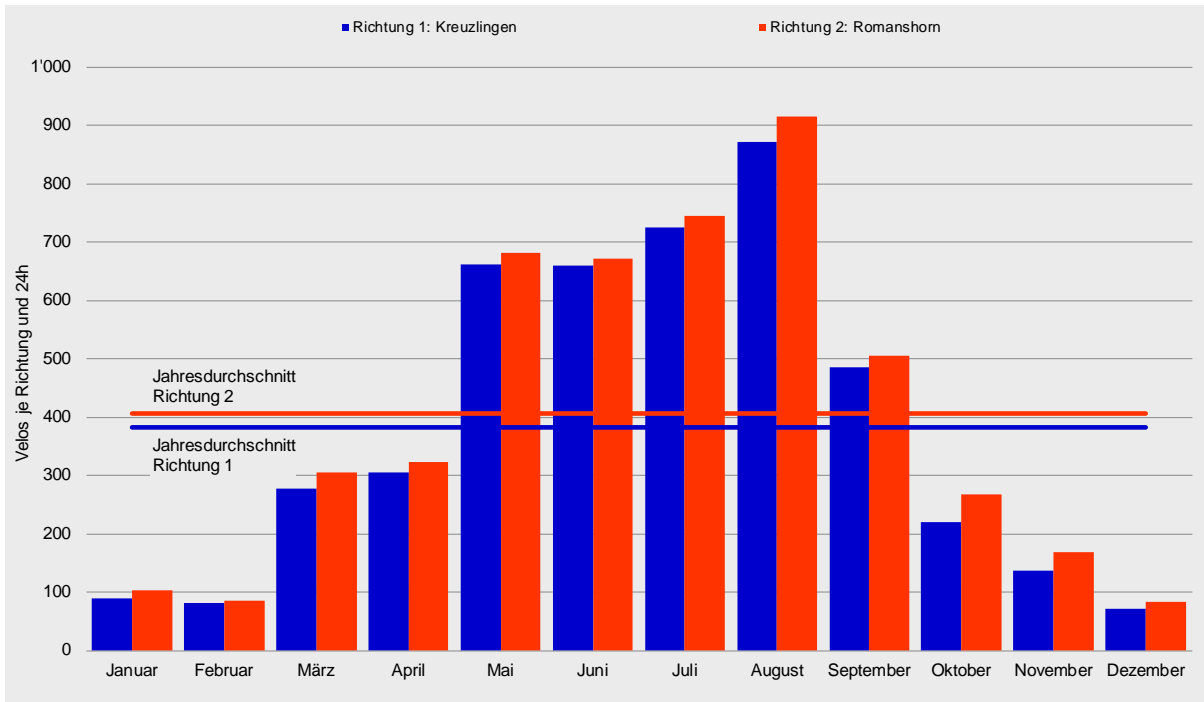




## Durchschnittlicher täglicher Veloverkehr 2012

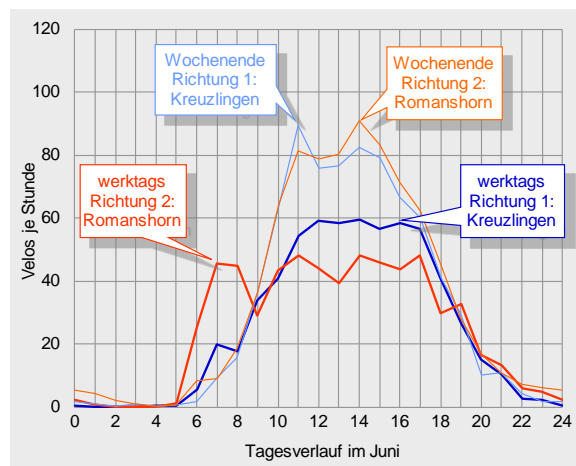
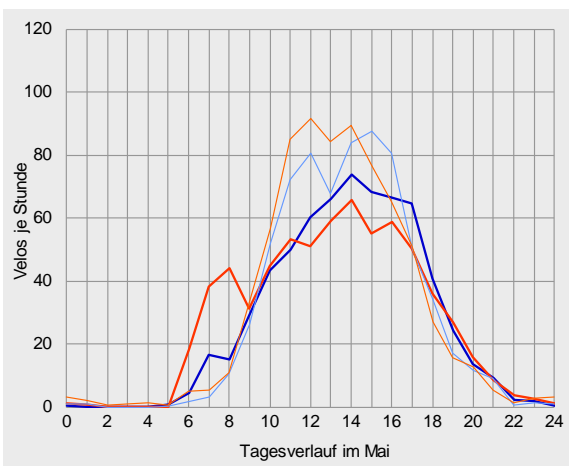
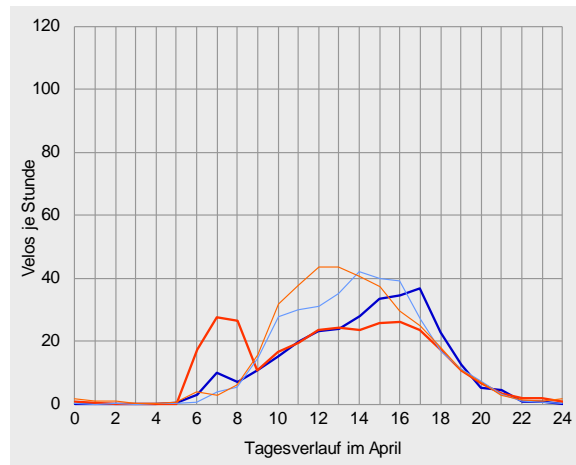
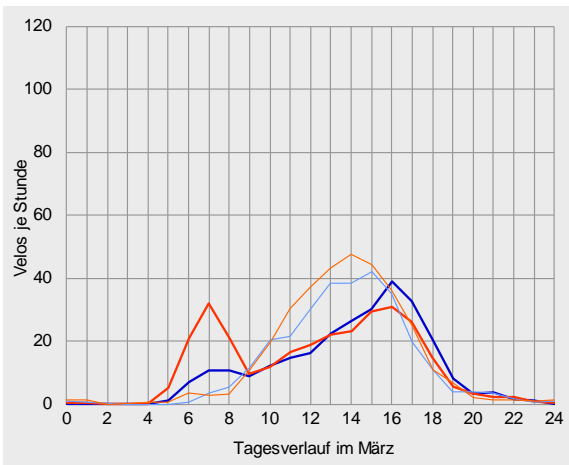
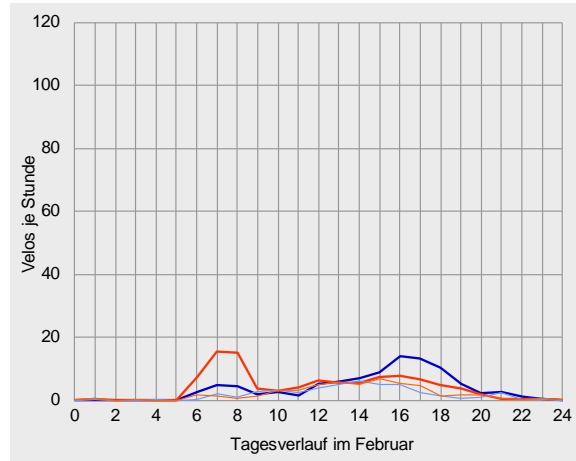
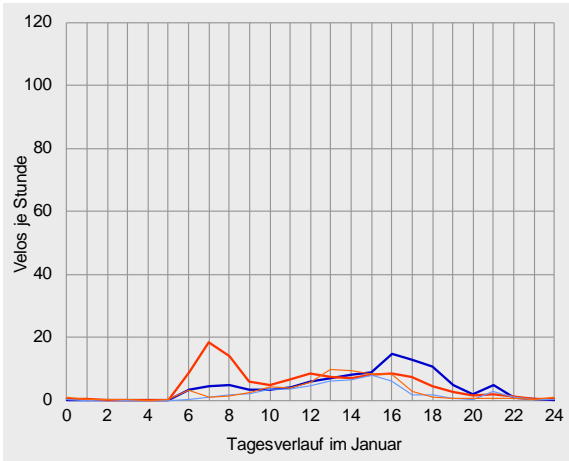






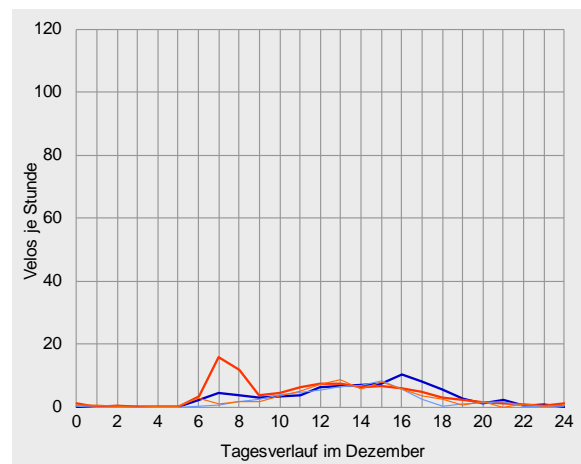
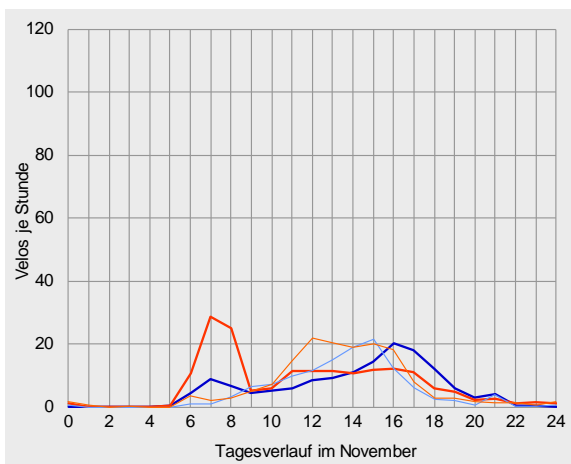
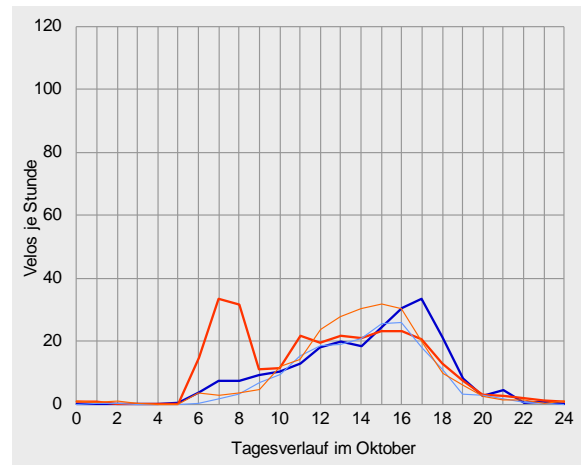
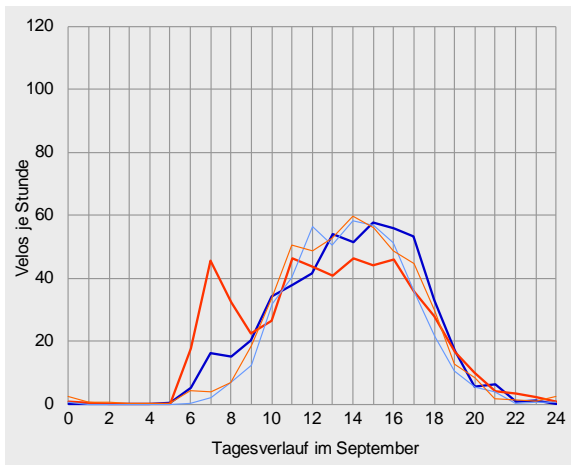
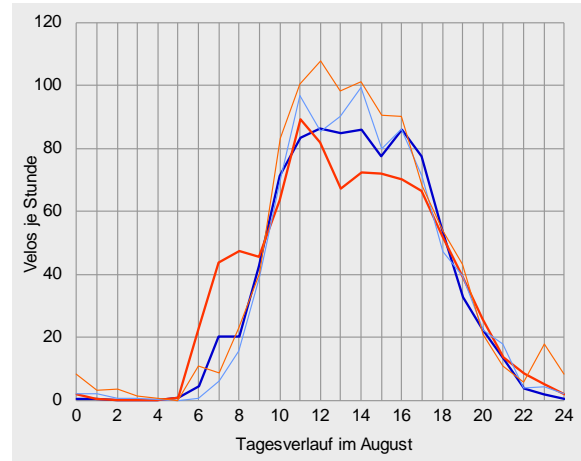
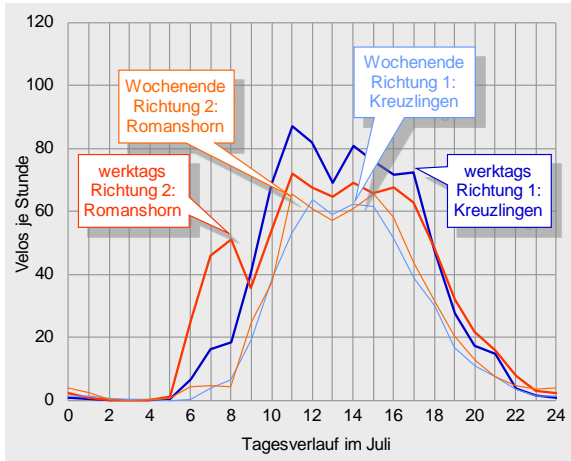


## Tagesganglinien 2012





Velo-Zählanlage Bottighofen Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Bottighofen 2012

	Richtung 1: Kreuzlingen			Richtung 2: Romanshorn			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	2'733	2%	+16%	3'175	2%	+56%	5'908	2%	+35%
Februar	2'329	2%	-28%	2'475	2%	-7%	4'804	2%	-18%
März	8'564	6%	+42%	9'483	6%	+91%	18'047	6%	+64%
April	9'162	7%	-48%	9'685	7%	-22%	18'847	7%	-37%
Mai	20'493	15%	+4%	21'122	14%	+56%	41'615	14%	+25%
Juni	19'796	14%	-13%	20'156	14%	+45%	39'952	14%	+9%
Juli	22'447	16%	-14%	23'066	16%	+8%	45'513	16%	-4%
August	27'002	19%	-4%	28'376	19%	+6%	55'378	19%	+1%
September	14'583	10%	-10%	15'123	10%	-10%	29'706	10%	-10%
Oktober	6'816	5%	+5%	8'299	6%	+12%	15'115	5%	+9%
November	4'127	3%	-8%	5'076	3%	+0%	9'203	3%	-4%
Dezember	2'180	2%	-6%	2'583	2%	-6%	4'763	2%	-6%
2012	140'232	100%	-10%	148'619	100%	+15%	288'851	100%	+1%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	104	-74%	+34%	117	-71%	+82%	221	-72%	+56%
	Wochenende	51	-86%	-31%	66	-84%	-3%	116	-85%	-18%
	gesamt	88	-77%	+16%	102	-75%	+56%	191	-76%	+35%
Februar	w erktags	94	-76%	-12%	99	-76%	+8%	193	-76%	-3%
	Wochenende	44	-88%	-68%	49	-88%	-52%	93	-88%	-61%
	gesamt	80	-79%	-30%	85	-79%	-10%	166	-79%	-21%
März	w erktags	270	-31%	+32%	296	-28%	+75%	566	-29%	+51%
	Wochenende	293	-19%	+77%	329	-18%	+150%	622	-18%	+109%
	gesamt	276	-28%	+42%	306	-25%	+91%	582	-26%	+64%
April	w erktags	292	-25%	-43%	307	-25%	-15%	599	-25%	-32%
	Wochenende	337	-7%	-55%	361	-10%	-32%	697	-8%	-46%
	gesamt	305	-20%	-48%	323	-20%	-22%	628	-20%	-37%
Mai	w erktags	650	+66%	+11%	665	+63%	+66%	1'316	+64%	+33%
	Wochenende	692	+91%	-8%	728	+82%	+38%	1'419	+86%	+11%
	gesamt	661	+73%	+4%	681	+68%	+56%	1'342	+70%	+25%
Juni	w erktags	618	+58%	-13%	612	+50%	+40%	1'230	+54%	+8%
	Wochenende	758	+109%	-15%	811	+103%	+51%	1'569	+106%	+10%
	gesamt	660	+72%	-13%	672	+65%	+45%	1'332	+69%	+9%
Juli	w erktags	803	+105%	-5%	813	+99%	+19%	1'616	+102%	+6%
	Wochenende	531	+47%	-36%	575	+44%	-19%	1'106	+45%	-28%
	gesamt	724	+89%	-14%	744	+83%	+8%	1'468	+86%	-4%
August	w erktags	868	+122%	-7%	889	+118%	+3%	1'757	+120%	-2%
	Wochenende	879	+142%	+4%	991	+148%	+13%	1'870	+145%	+8%
	gesamt	871	+127%	-4%	915	+125%	+6%	1'786	+126%	+1%
September	w erktags	506	+29%	-2%	513	+25%	-2%	1'019	+27%	-2%
	Wochenende	446	+23%	-27%	487	+22%	-25%	933	+22%	-26%
	gesamt	486	+27%	-10%	504	+24%	-10%	990	+25%	-10%
Oktober	w erktags	233	-41%	+2%	282	-31%	+8%	515	-36%	+5%
	Wochenende	183	-50%	+6%	226	-43%	+19%	409	-46%	+13%
	gesamt	220	-43%	+5%	268	-34%	+12%	488	-38%	+9%
November	w erktags	143	-63%	-10%	174	-57%	-2%	318	-60%	-6%
	Wochenende	122	-66%	+0%	155	-61%	+9%	277	-64%	+5%
	gesamt	138	-64%	-8%	169	-58%	+0%	307	-61%	-4%
Dezember	w erktags	79	-80%	-12%	94	-77%	-11%	173	-78%	-11%
	Wochenende	53	-85%	+34%	61	-85%	+27%	114	-85%	+30%
	gesamt	70	-82%	-6%	83	-79%	-6%	154	-81%	-6%
2012	w erktags	391	0%	-6%	409	0%	+17%	800	0%	+5%
	Wochenende	363	0%	-19%	399	0%	+7%	762	0%	-7%
	gesamt	383	0%	-10%	406	0%	+14%	789	0%	+1%



Velo-Zählanlage Bottighofen Auswertung 2012

		Richtung 1: Kreuzlingen					Richtung 2: Romanshorn					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	12%	30%	35%	23%	1%	35%	34%	20%	10%	0%	24%	32%	27%	16%
	Wochenende	1%	5%	52%	30%	12%	3%	8%	54%	29%	5%	2%	7%	53%	30%	8%
	gesamt	0%	11%	34%	34%	21%	1%	30%	38%	22%	9%	1%	21%	36%	28%	15%
Februar	w erktags	0%	12%	26%	38%	23%	1%	38%	28%	22%	11%	0%	26%	27%	30%	17%
	Wochenende	1%	7%	52%	28%	12%	2%	7%	47%	34%	10%	1%	7%	50%	31%	11%
	gesamt	0%	12%	30%	37%	22%	1%	33%	31%	24%	11%	1%	23%	30%	30%	16%
März	w erktags	0%	11%	37%	38%	14%	2%	25%	34%	29%	10%	1%	18%	36%	33%	12%
	Wochenende	1%	3%	55%	33%	8%	1%	3%	57%	32%	7%	1%	3%	56%	32%	8%
	gesamt	0%	8%	43%	36%	12%	2%	18%	41%	30%	9%	1%	13%	42%	33%	10%
April	w erktags	0%	7%	41%	36%	16%	0%	23%	38%	25%	13%	0%	15%	40%	30%	15%
	Wochenende	0%	3%	54%	31%	12%	1%	4%	59%	25%	11%	1%	3%	56%	28%	11%
	gesamt	0%	5%	45%	34%	15%	1%	17%	45%	25%	13%	0%	11%	45%	30%	14%
Mai	w erktags	0%	6%	50%	31%	14%	0%	15%	46%	25%	14%	0%	10%	48%	28%	14%
	Wochenende	0%	2%	55%	32%	11%	1%	3%	61%	26%	9%	1%	3%	58%	29%	10%
	gesamt	0%	5%	51%	31%	13%	1%	12%	50%	25%	13%	0%	8%	50%	28%	13%
Juni	w erktags	0%	7%	49%	28%	16%	1%	19%	41%	23%	17%	0%	13%	45%	25%	16%
	Wochenende	1%	3%	56%	27%	13%	2%	4%	53%	27%	14%	1%	4%	55%	27%	13%
	gesamt	0%	6%	52%	28%	15%	1%	14%	45%	24%	16%	1%	10%	49%	26%	15%
Juli	w erktags	0%	5%	53%	27%	14%	1%	15%	45%	24%	16%	0%	10%	49%	26%	15%
	Wochenende	1%	2%	56%	29%	13%	1%	2%	53%	29%	14%	1%	2%	54%	29%	14%
	gesamt	0%	4%	54%	28%	14%	1%	12%	47%	25%	15%	0%	8%	50%	26%	15%
August	w erktags	0%	5%	52%	28%	15%	0%	13%	47%	23%	16%	0%	9%	50%	26%	15%
	Wochenende	1%	3%	55%	27%	15%	2%	4%	54%	25%	15%	1%	3%	54%	26%	15%
	gesamt	0%	4%	53%	28%	15%	1%	10%	49%	24%	16%	1%	8%	51%	26%	15%
September	w erktags	0%	7%	47%	33%	13%	0%	19%	44%	25%	13%	0%	13%	46%	29%	13%
	Wochenende	0%	2%	56%	32%	9%	1%	3%	54%	31%	11%	1%	3%	55%	31%	10%
	gesamt	0%	6%	50%	33%	12%	0%	14%	47%	27%	12%	0%	10%	49%	30%	12%
Oktober	w erktags	0%	8%	38%	38%	16%	0%	28%	38%	24%	10%	0%	19%	38%	30%	13%
	Wochenende	0%	3%	49%	38%	10%	1%	4%	50%	36%	9%	1%	3%	49%	37%	10%
	gesamt	0%	7%	40%	38%	15%	1%	23%	40%	26%	10%	0%	16%	40%	31%	12%
November	w erktags	0%	14%	31%	37%	18%	1%	37%	32%	20%	10%	1%	27%	31%	28%	14%
	Wochenende	0%	4%	56%	32%	7%	1%	5%	57%	30%	7%	1%	5%	56%	31%	7%
	gesamt	0%	12%	37%	36%	15%	1%	29%	38%	22%	10%	1%	21%	37%	28%	12%
Dezember	w erktags	0%	13%	39%	32%	16%	1%	33%	38%	18%	10%	1%	24%	38%	25%	12%
	Wochenende	0%	5%	55%	31%	9%	3%	9%	51%	28%	9%	2%	7%	53%	30%	9%
	gesamt	0%	11%	43%	32%	14%	2%	27%	41%	21%	10%	1%	20%	42%	26%	12%
2012	w erktags	0%	7%	47%	31%	15%	1%	19%	42%	24%	14%	0%	13%	45%	27%	14%
	Wochenende	0%	3%	55%	30%	12%	1%	4%	55%	28%	12%	1%	3%	55%	29%	12%
	gesamt	0%	6%	49%	31%	14%	1%	15%	46%	25%	13%	1%	10%	47%	28%	14%
Spitzenstunde des Gesamtjahres		Velos je h      Zeitraum					Velos je h      Zeitraum					Velos je h      Zeitraum				
w erktags		42      16-17 Uhr					34      16-17 Uhr					76      16-17 Uhr				
Wochenende		43      14-15 Uhr					46      14-15 Uhr					90      14-15 Uhr				
über alle Tage 2012		41      16-17 Uhr					37      14-15 Uhr					77      14-15 Uhr				

Ein Vergleich der Daten mit den Werten des Vorjahres ist nur bedingt möglich, da der Standort der Anlage Ende Juni 2011 von Kreuzlingen nach Bottighofen verlegt wurde.





## Velo-Zählanlage Büren a.A. BE (06)

### Auswertung 2012

Am Messquerschnitt in Büren a.A. wird unter der Woche überwiegend Pendlerverkehr registriert, während der Abschnitt am Wochenende in erster Linie von vielen Tages- und Mehrtagesreisenden genutzt wird. Insgesamt wurden hier im Jahr 2012 gut 102'000 Velofahrende gezählt. Das entspricht einer Abnahme im Aufkommen gegenüber dem Vorjahr um ca. 8 %. Als Hauptsaison können die Monate Mai bis August bezeichnet werden, in diesem Zeitraum wurde gut die Hälfte des Jahresaufkommens gemessen. Die getrennte Betrachtung nach Fahrtrichtungen zeigt, dass der Veloverkehr Aare-abwärts in Richtung Biel leicht überwog.

### Standort

Die Velo-Zählanlage Büren a.A. liegt im Kanton Bern. An ihr führen zwei Routen des nationalen Velolandnetzes vorbei: Die Mittelland-Route 5 und die Aare-Route 8. Die Zählstation befindet sich an der Kanalstrasse, die dem Verlauf der Aare parallel folgt, am westlichen Ortsende von Büren auf dem Abschnitt zwischen Solothurn und Biel.

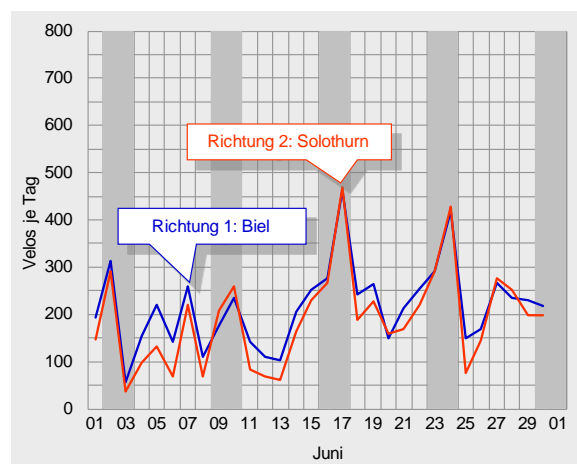
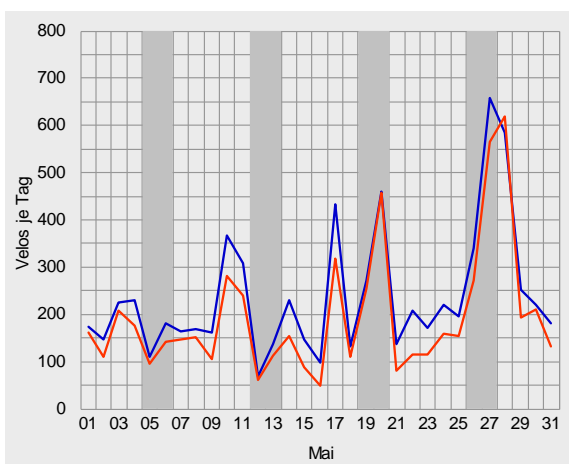
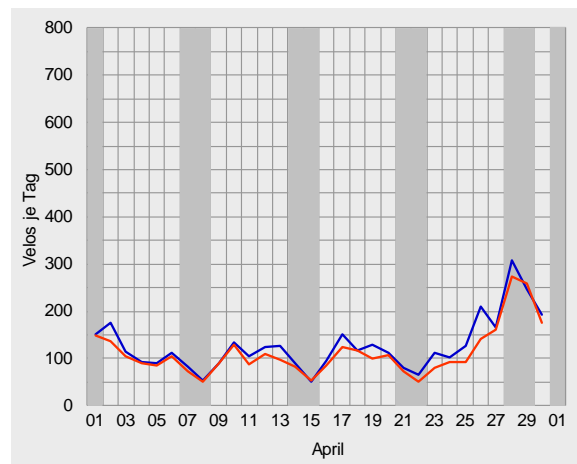
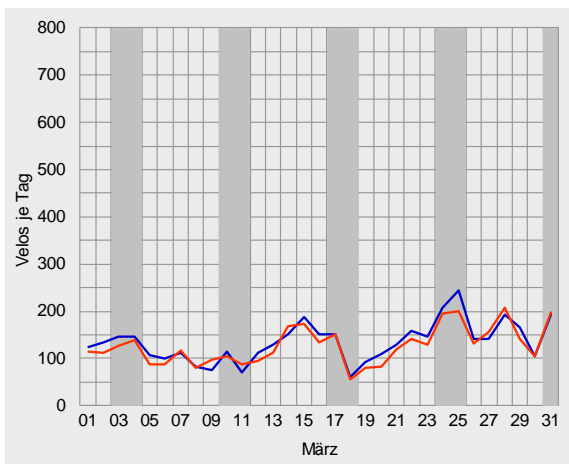
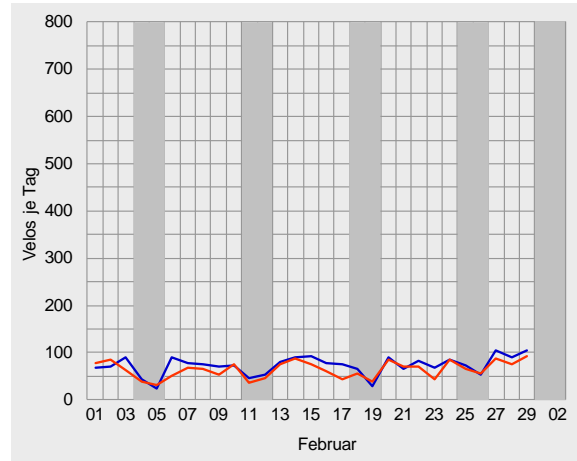
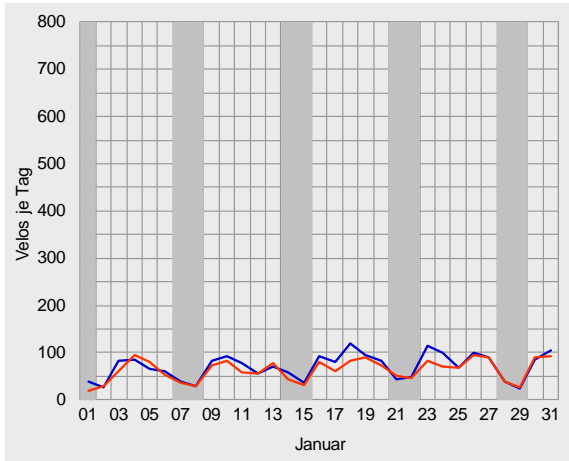
Das durchschnittliche tägliche Veloverkehrsaufkommen lag bei 279 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der frühen Nachmittagsstunden zu verzeichnen. Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 14 und 15 Uhr beobachtet, hier passierten im Durchschnitt 29 Velos den Messquerschnitt.

Die Velo-Zählanlage Büren a.A. hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

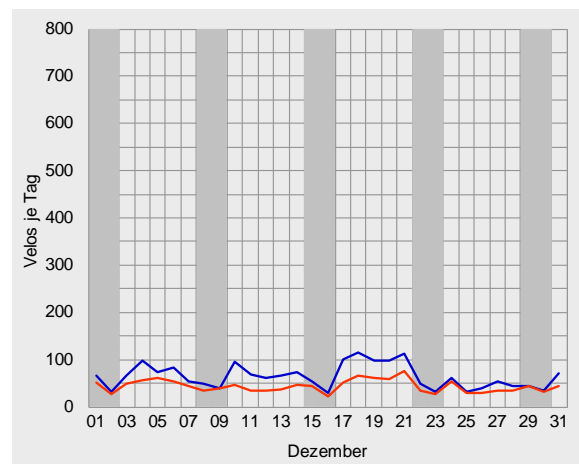
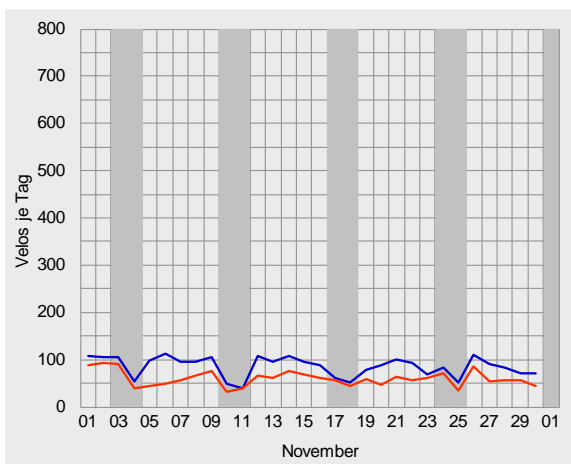
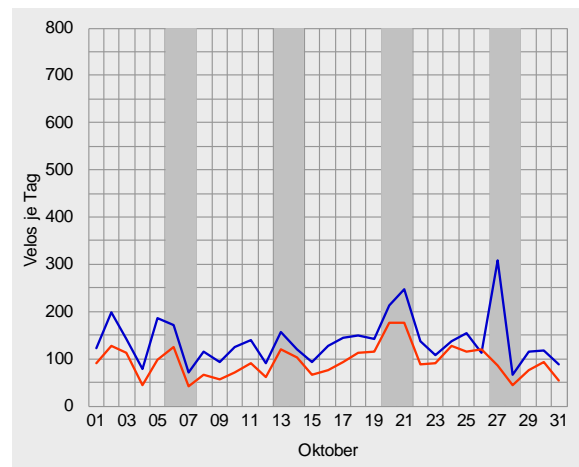
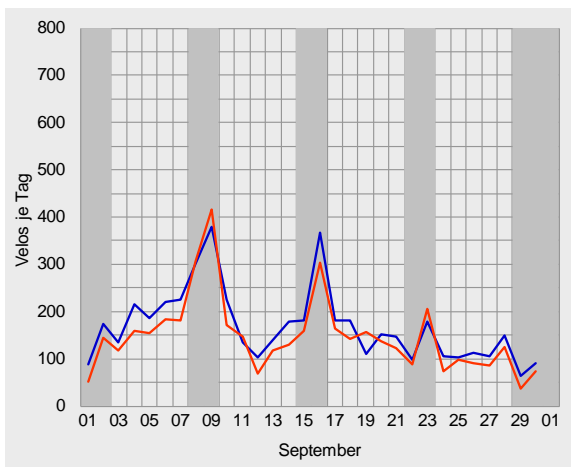
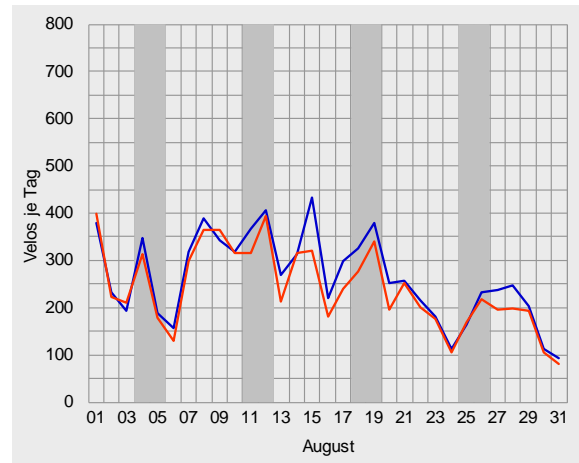
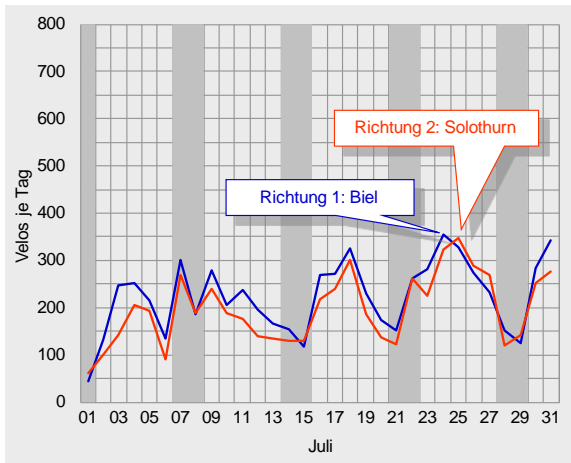
Der Messquerschnitt liegt an einer Nebenstrasse, die für alle Fahrzeugarten zugelassen ist. In Höhe der Zählstation verfügt der Querschnitt über eine Breite von ca. 7 m. Die Strecke ist eben, ihre Oberfläche ist asphaltiert und bietet somit gute Bedingungen zum Velo fahren.



## Veloverkehrsaufkommen 2012

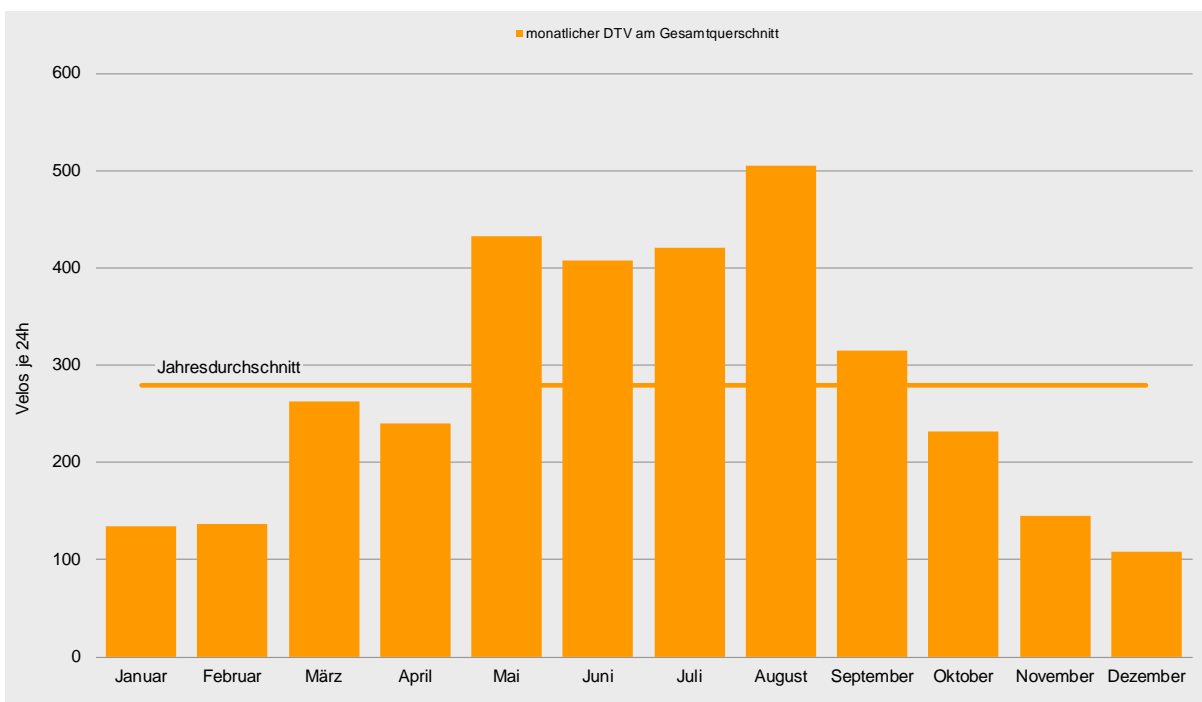
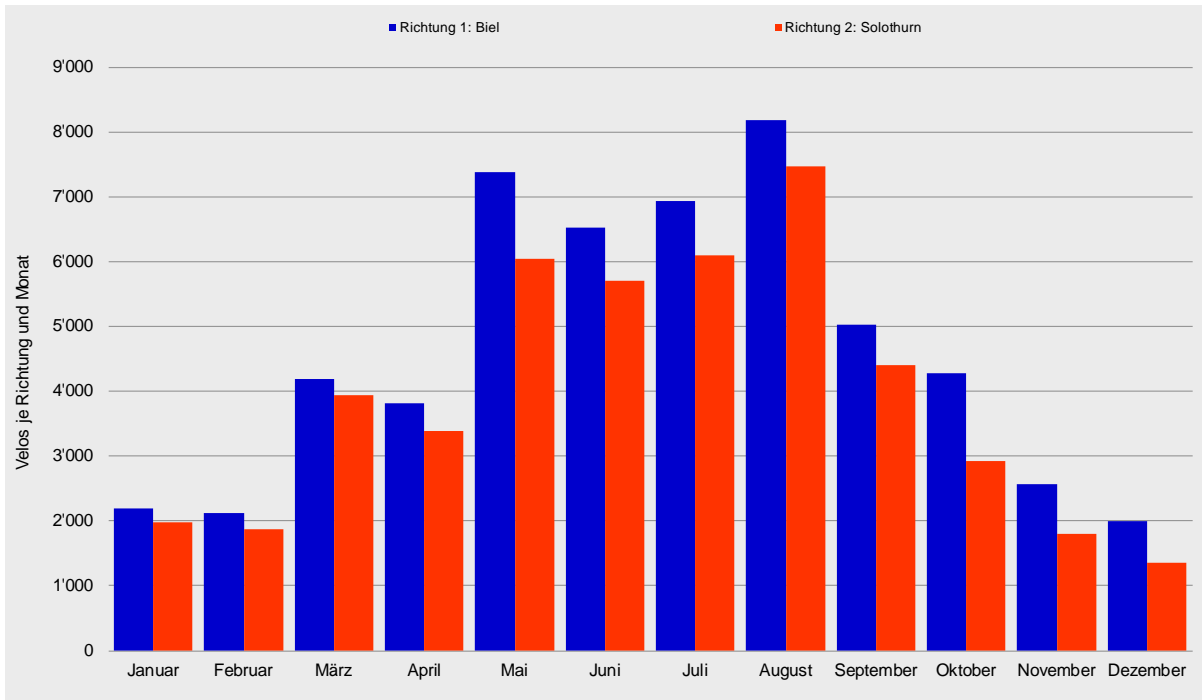


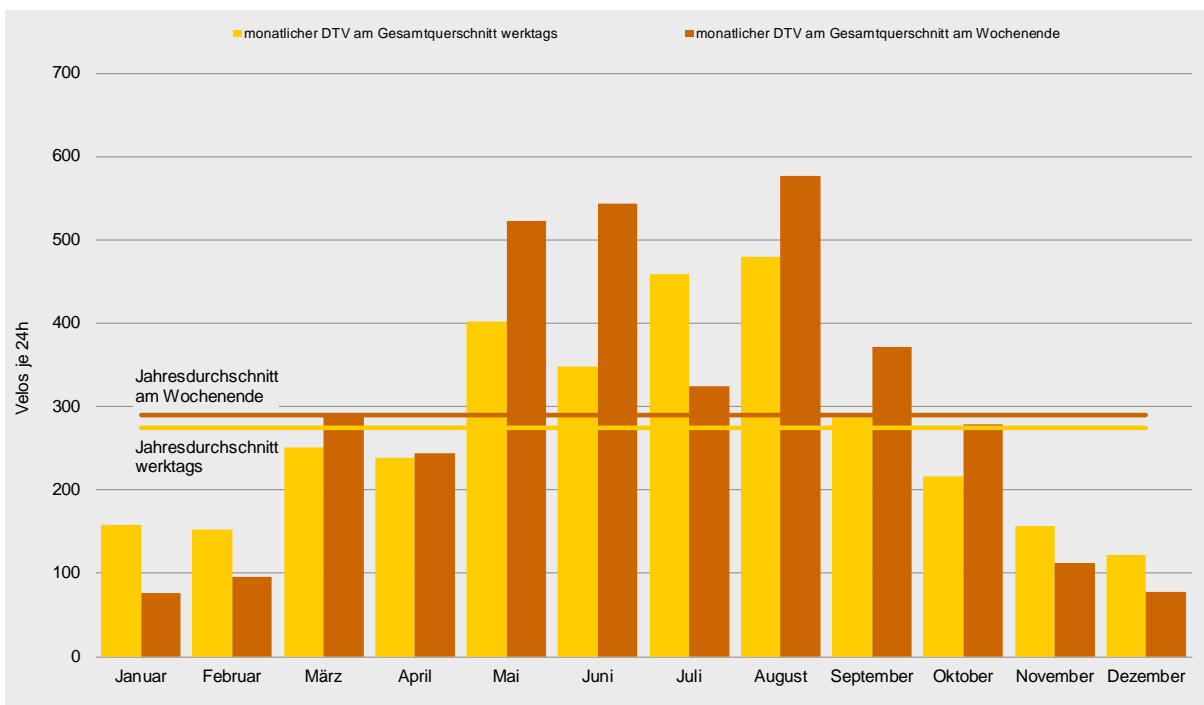
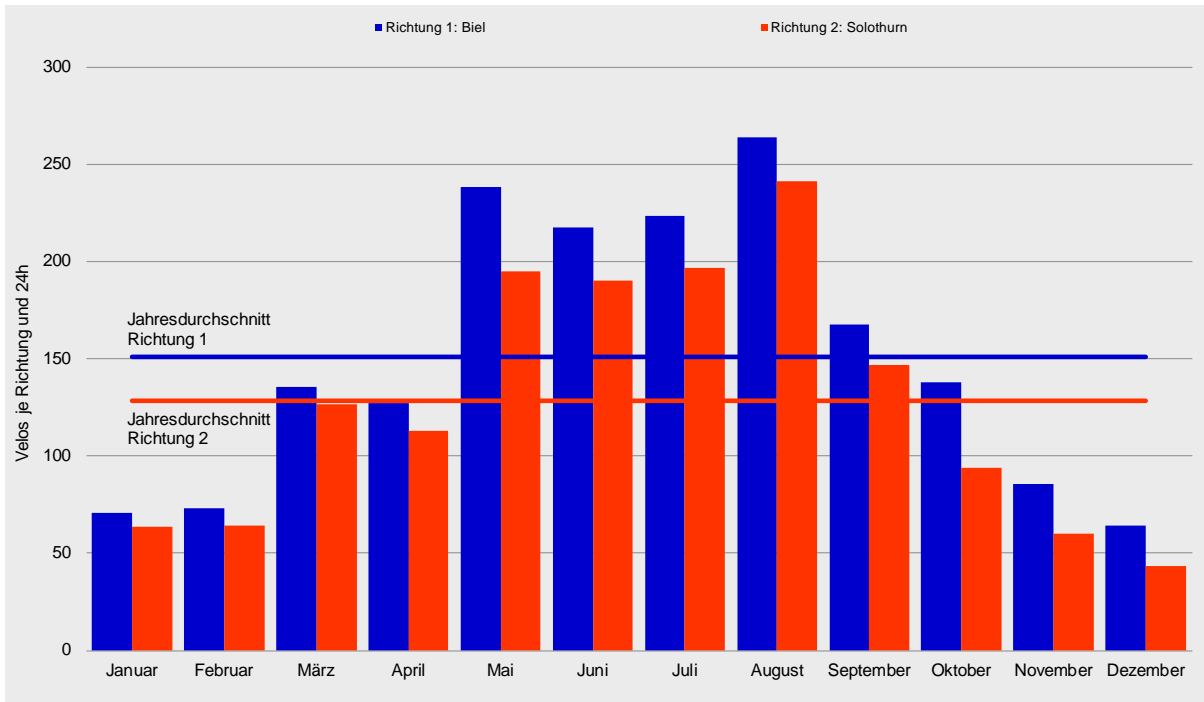






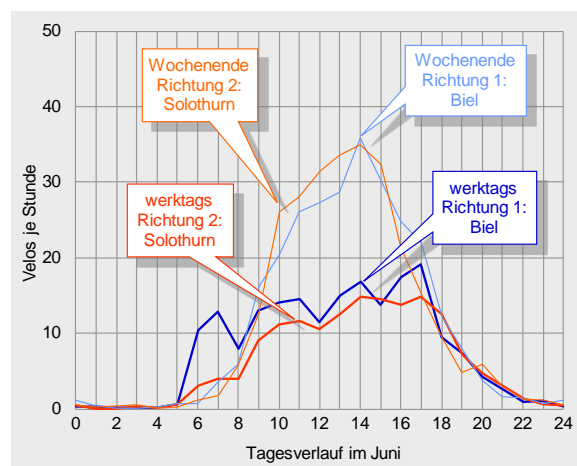
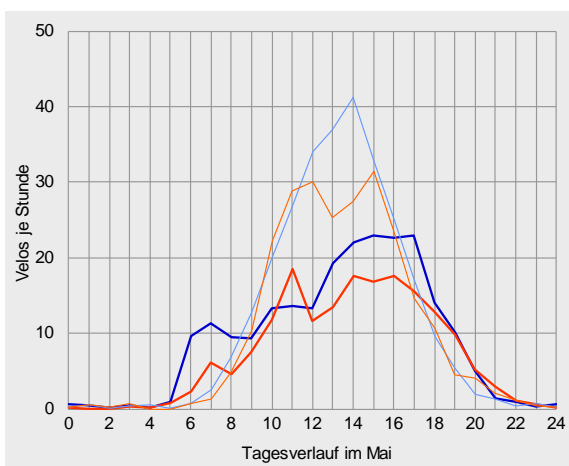
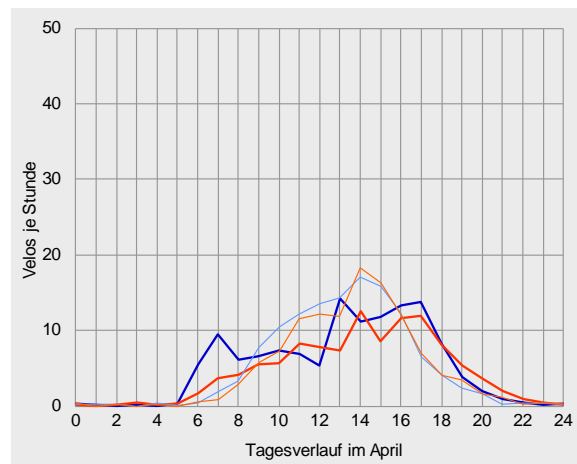
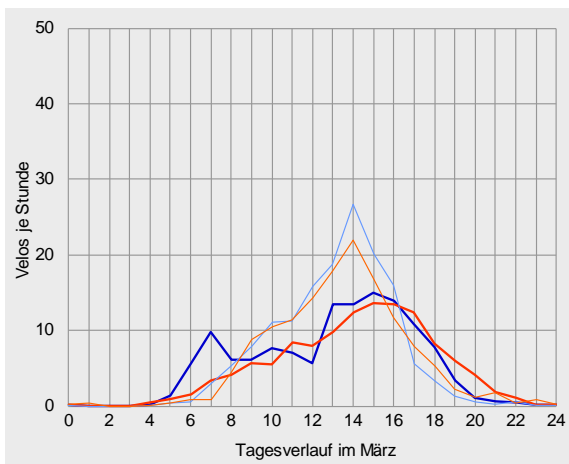
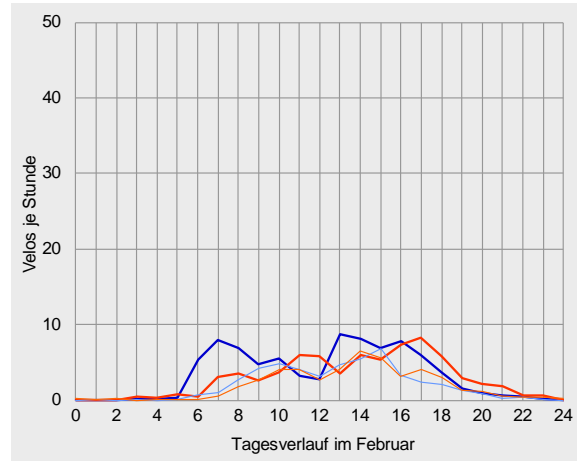
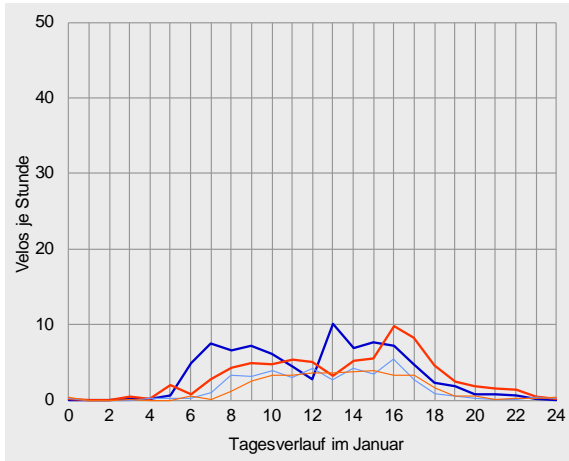
## Durchschnittlicher täglicher Veloverkehr 2012





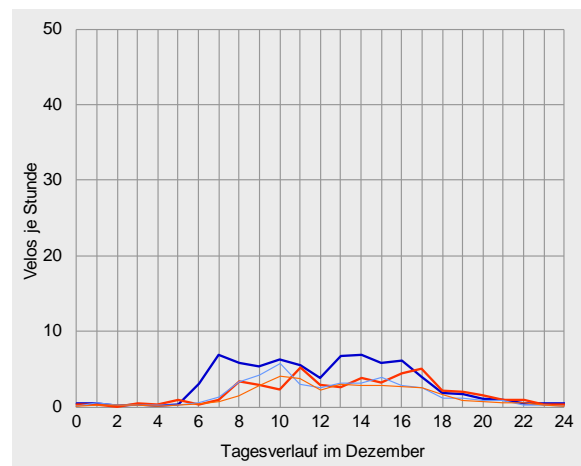
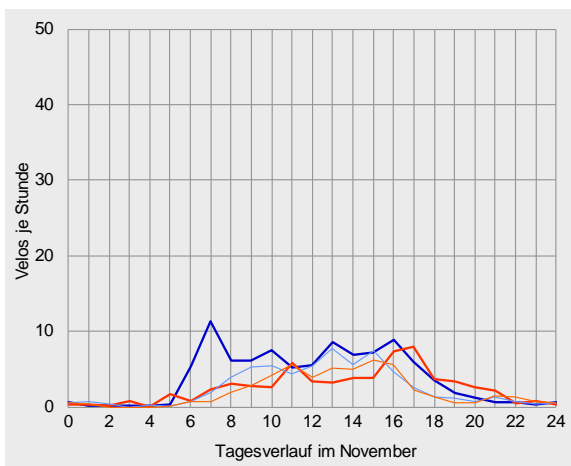
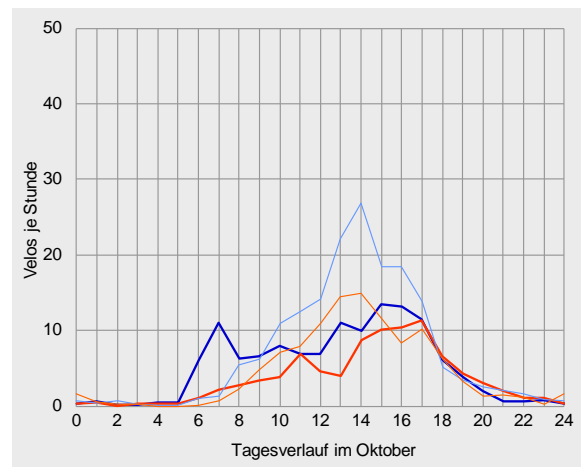
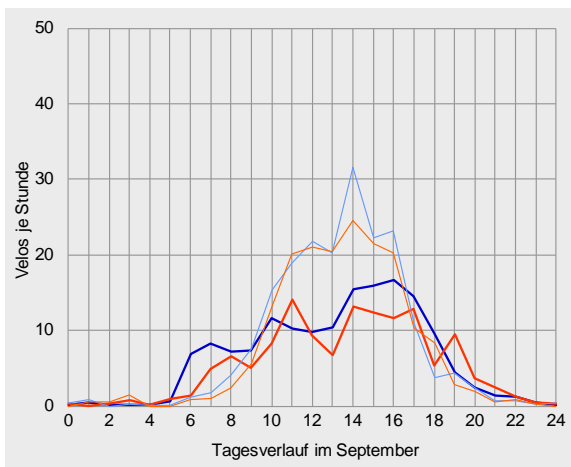
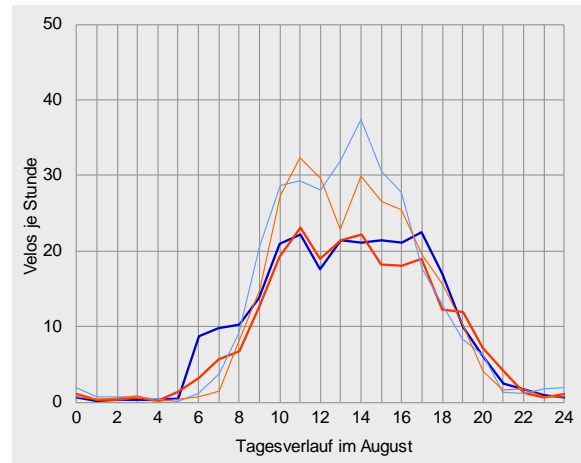
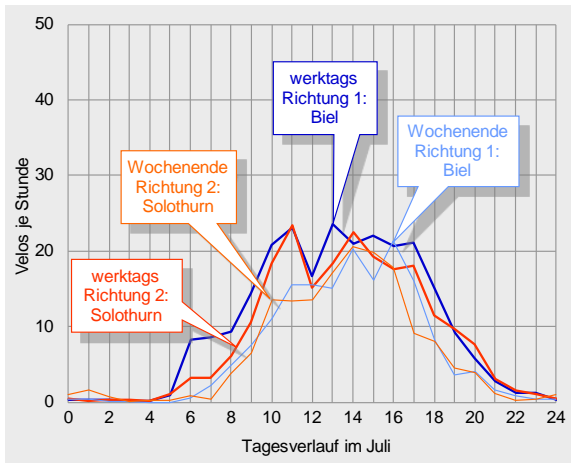


## Tagesganglinien 2012





Velo-Zählanlage Büren a.A. Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Büren a.A. 2012

	Richtung 1: Biel			Richtung 2: Solothurn			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	2'193	4%	-8%	1'973	4%	-9%	4'166	4%	-9%
Februar	2'113	4%	-17%	1'864	4%	-23%	3'977	4%	-20%
März	4'193	8%	+18%	3'930	8%	+18%	8'123	8%	+18%
April	3'818	7%	-48%	3'380	7%	-50%	7'198	7%	-49%
Mai	7'381	13%	+4%	6'034	13%	-6%	13'415	13%	-1%
Juni	6'514	12%	-5%	5'699	12%	-6%	12'213	12%	-5%
Juli	6'925	13%	+6%	6'098	13%	-11%	13'023	13%	-3%
August	8'184	15%	+9%	7'476	16%	+6%	15'660	15%	+8%
September	5'032	9%	-9%	4'406	9%	-14%	9'438	9%	-12%
Oktober	4'269	8%	+17%	2'918	6%	-14%	7'187	7%	+2%
November	2'563	5%	+5%	1'793	4%	-22%	4'356	4%	-8%
Dezember	1'993	4%	-5%	1'349	3%	-34%	3'342	3%	-19%
2012	55'178	100%	-4%	46'920	100%	-13%	102'098	100%	-8%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	83	-45%	-7%	75	-40%	-9%	158	-42%	-8%
	Wochenende	40	-74%	-20%	36	-74%	-18%	76	-74%	-19%
	gesamt	71	-53%	-8%	64	-50%	-9%	134	-52%	-9%
Februar	w erktags	82	-45%	-13%	71	-43%	-21%	153	-44%	-17%
	Wochenende	49	-68%	-41%	46	-66%	-41%	95	-67%	-41%
	gesamt	73	-52%	-20%	64	-50%	-26%	137	-51%	-23%
März	w erktags	130	-14%	+8%	122	-2%	+9%	251	-8%	+9%
	Wochenende	149	-2%	+50%	140	+1%	+45%	288	-1%	+48%
	gesamt	135	-10%	+18%	127	-1%	+18%	262	-6%	+18%
April	w erktags	128	-15%	-41%	110	-11%	-42%	238	-13%	-41%
	Wochenende	126	-18%	-61%	118	-14%	-61%	244	-16%	-61%
	gesamt	127	-16%	-48%	113	-12%	-50%	240	-14%	-49%
Mai	w erktags	224	+49%	+11%	177	+42%	+1%	401	+46%	+6%
	Wochenende	278	+83%	-5%	245	+78%	-13%	523	+80%	-9%
	gesamt	238	+58%	+4%	195	+52%	-6%	433	+55%	-1%
Juni	w erktags	194	+29%	+1%	155	+24%	-14%	348	+27%	-6%
	Wochenende	272	+78%	-17%	272	+97%	+3%	544	+87%	-8%
	gesamt	217	+44%	-5%	190	+48%	-6%	407	+46%	-5%
Juli	w erktags	247	+64%	+26%	212	+71%	+7%	459	+67%	+17%
	Wochenende	166	+9%	-32%	158	+15%	-41%	324	+12%	-36%
	gesamt	223	+48%	+6%	197	+53%	-11%	420	+51%	-3%
August	w erktags	251	+67%	+5%	229	+84%	+4%	480	+75%	+4%
	Wochenende	302	+98%	+23%	275	+100%	+10%	577	+99%	+16%
	gesamt	264	+75%	+9%	241	+88%	+6%	505	+81%	+8%
September	w erktags	155	+3%	-12%	131	+5%	-19%	286	+4%	-15%
	Wochenende	193	+26%	-8%	179	+30%	-11%	371	+28%	-9%
	gesamt	168	+11%	-9%	147	+15%	-14%	315	+13%	-12%
Oktober	w erktags	127	-16%	+4%	89	-28%	-21%	216	-21%	-8%
	Wochenende	169	+11%	+58%	109	-21%	+4%	278	-4%	+31%
	gesamt	138	-9%	+17%	94	-27%	-14%	232	-17%	+2%
November	w erktags	94	-37%	+10%	63	-49%	-22%	157	-43%	-6%
	Wochenende	62	-59%	-10%	51	-63%	-21%	113	-61%	-15%
	gesamt	85	-43%	+5%	60	-53%	-22%	145	-48%	-8%
Dezember	w erktags	75	-50%	-4%	48	-62%	-37%	122	-55%	-21%
	Wochenende	43	-72%	+1%	35	-75%	-14%	78	-73%	-6%
	gesamt	64	-57%	-5%	44	-66%	-34%	108	-61%	-19%
2012	w erktags	150	0%	-1%	124	0%	-11%	274	0%	-6%
	Wochenende	152	0%	-12%	138	0%	-17%	290	0%	-14%
	gesamt	151	0%	-4%	128	0%	-13%	279	0%	-9%



Velo-Zählanlage Büren a.A. Auswertung 2012

		Richtung 1: Biel					Richtung 2: Solothurn					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	1%	23%	45%	24%	8%	4%	10%	38%	31%	16%	2%	17%	42%	27%	12%
	Wochenende	2%	11%	53%	29%	6%	2%	5%	56%	29%	9%	2%	8%	54%	29%	7%
	gesamt	1%	21%	46%	24%	7%	3%	10%	41%	31%	15%	2%	15%	44%	28%	11%
Februar	w erktags	1%	24%	40%	25%	9%	2%	10%	39%	29%	20%	2%	18%	39%	27%	14%
	Wochenende	1%	9%	54%	25%	11%	2%	5%	51%	27%	14%	1%	7%	53%	26%	12%
	gesamt	1%	22%	43%	25%	9%	2%	9%	41%	29%	19%	2%	16%	42%	27%	14%
März	w erktags	1%	17%	41%	31%	10%	1%	7%	41%	33%	18%	1%	12%	41%	32%	14%
	Wochenende	0%	6%	62%	28%	4%	1%	4%	61%	26%	8%	1%	5%	61%	27%	6%
	gesamt	1%	13%	48%	30%	8%	1%	6%	47%	30%	15%	1%	10%	47%	30%	11%
April	w erktags	1%	17%	40%	30%	12%	1%	9%	43%	29%	19%	1%	13%	41%	30%	15%
	Wochenende	1%	5%	60%	28%	7%	1%	4%	57%	30%	9%	1%	4%	58%	29%	8%
	gesamt	1%	13%	46%	30%	11%	1%	7%	47%	29%	16%	1%	10%	47%	29%	13%
Mai	w erktags	1%	14%	40%	31%	14%	1%	7%	45%	28%	18%	1%	11%	43%	30%	16%
	Wochenende	1%	4%	62%	27%	7%	1%	3%	59%	28%	9%	1%	3%	60%	28%	8%
	gesamt	1%	11%	47%	29%	12%	1%	6%	50%	28%	15%	1%	8%	48%	29%	14%
Juni	w erktags	1%	16%	44%	26%	13%	1%	7%	45%	28%	19%	1%	12%	44%	27%	16%
	Wochenende	1%	4%	57%	28%	10%	1%	3%	61%	25%	9%	1%	3%	59%	27%	10%
	gesamt	1%	11%	49%	27%	12%	1%	5%	52%	27%	15%	1%	9%	50%	27%	13%
Juli	w erktags	1%	11%	48%	26%	14%	1%	6%	51%	26%	16%	1%	8%	50%	26%	15%
	Wochenende	1%	5%	51%	32%	11%	2%	3%	53%	30%	12%	2%	4%	52%	31%	11%
	gesamt	1%	9%	49%	27%	14%	1%	5%	51%	27%	15%	1%	7%	50%	27%	14%
August	w erktags	1%	11%	47%	26%	15%	2%	7%	51%	24%	16%	1%	9%	49%	25%	16%
	Wochenende	1%	5%	58%	25%	10%	1%	4%	57%	26%	12%	1%	4%	58%	26%	11%
	gesamt	1%	9%	50%	26%	14%	1%	6%	53%	25%	15%	1%	8%	51%	25%	14%
September	w erktags	1%	14%	42%	30%	13%	2%	10%	43%	28%	17%	1%	12%	42%	29%	15%
	Wochenende	1%	4%	60%	29%	6%	1%	2%	59%	29%	8%	1%	3%	59%	29%	7%
	gesamt	1%	10%	49%	30%	10%	2%	7%	49%	29%	14%	1%	9%	49%	29%	12%
Oktober	w erktags	2%	18%	39%	30%	11%	2%	7%	35%	36%	20%	2%	14%	37%	32%	15%
	Wochenende	1%	5%	55%	30%	9%	2%	3%	55%	28%	12%	2%	4%	55%	29%	10%
	gesamt	2%	14%	44%	30%	10%	2%	5%	41%	33%	18%	2%	11%	43%	31%	13%
November	w erktags	2%	24%	42%	23%	9%	5%	10%	34%	30%	21%	3%	18%	39%	26%	13%
	Wochenende	3%	10%	55%	23%	8%	2%	7%	53%	28%	11%	3%	9%	54%	25%	10%
	gesamt	2%	22%	45%	23%	9%	4%	9%	39%	30%	18%	3%	16%	42%	26%	13%
Dezember	w erktags	2%	21%	47%	21%	9%	5%	10%	41%	27%	17%	4%	17%	44%	23%	12%
	Wochenende	4%	12%	51%	22%	11%	3%	7%	54%	23%	13%	4%	10%	52%	22%	12%
	gesamt	3%	19%	48%	21%	9%	5%	9%	44%	26%	16%	4%	15%	46%	23%	12%
2012	w erktags	1%	16%	43%	27%	12%	2%	8%	44%	28%	18%	1%	12%	44%	28%	15%
	Wochenende	1%	5%	58%	28%	8%	1%	3%	58%	27%	10%	1%	4%	58%	28%	9%
	gesamt	1%	13%	48%	28%	11%	2%	6%	48%	28%	15%	1%	10%	48%	28%	13%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		14		16-17 Uhr		12		17-18 Uhr		26		16-17 Uhr				
Wochenende		21		14-15 Uhr		18		14-15 Uhr		39		14-15 Uhr				
über alle Tage 2012		16		14-15 Uhr		14		14-15 Uhr		29		14-15 Uhr				







## Velo-Zählanlage Münsingen BE (07)

### Auswertung 2012

Der Messquerschnitt in Münsingen zählt zu den höher belasteten Querschnitten auf dem nationalen Veloland-Routennetz. Insgesamt wurden 2012 gut 130'000 Velofahrende registriert. Gegenüber dem Aufkommen im Vorjahr entspricht das einer Abnahme um 19%. Die Hauptsaison erstreckte sich von Mai bis August. Die Fahrrichtungen waren weitgehend gleich stark belastet; in den Sommermonaten war Richtung 1 nach Bern etwas stärker frequentiert. Das durchschnittliche tägliche Veloverkehrsaufkommen lag 2012 bei 357 Velos.

### Standort

Die Velo-Zählanlage Münsingen liegt im Kanton Bern an der Aare-Route 8 des nationalen Velolandnetzes.

Die Velo-Zählanlage befindet sich südlich von Münsingen zwischen Bern und Thun in der Verlängerung zum Allmendweg am Ortsausgang in Richtung Wichtrach.

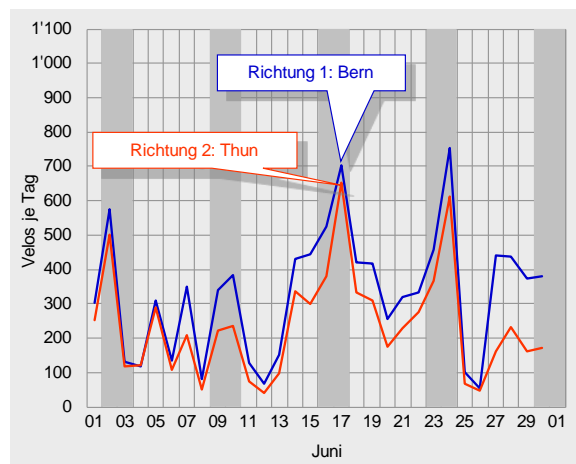
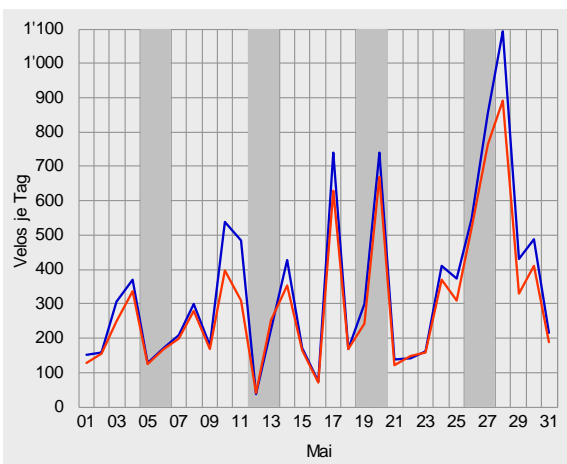
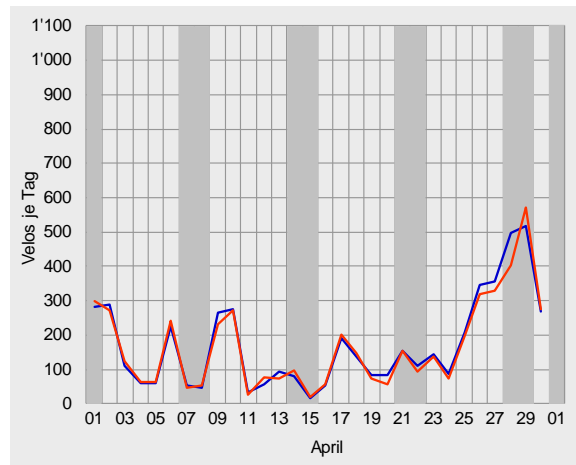
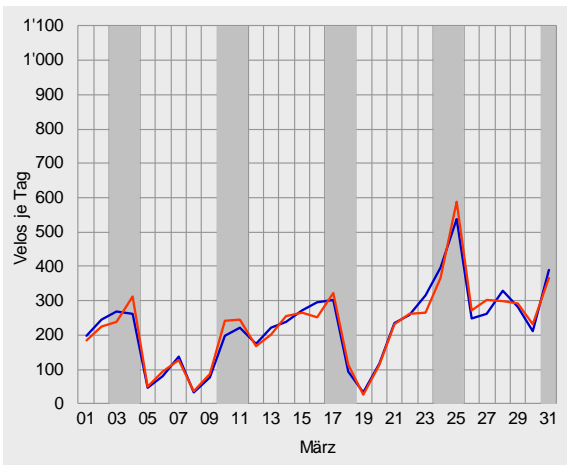
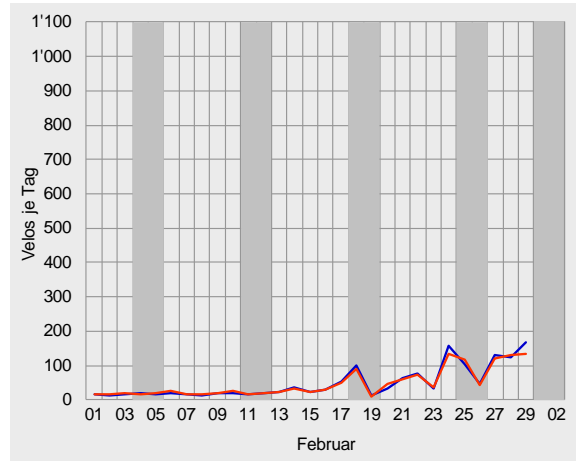
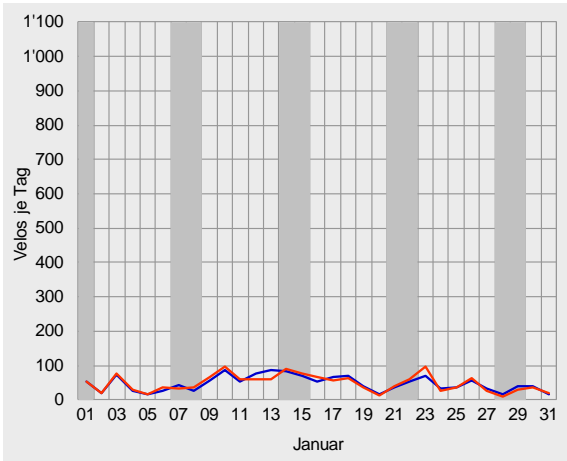
Die Hauptlast an einem durchschnittlichen Tag war während der frühen Nachmittagsstunden zu verzeichnen. Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 14 und 15 Uhr verzeichnet, hier passierten im Durchschnitt 41 Velos den Messquerschnitt.

Die Velo-Zählanlage Münsingen hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

Der verlängerte Allmendweg ist eine Nebenstrasse, die von allen Fahrzeugarten befahren werden darf, jedoch nur mit geringem Motorfahrzeugverkehr belastet ist. In Höhe der Velo-Zählanlage verfügt der Querschnitt über eine Breite von ca. 4 m. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren.

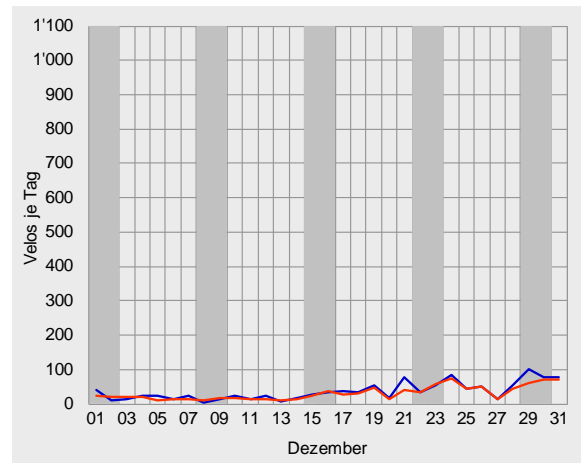
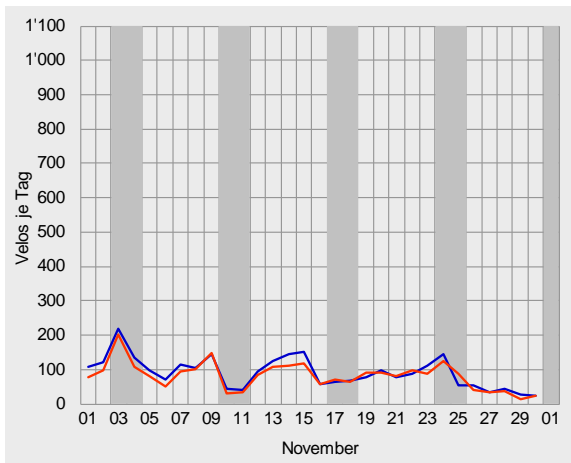
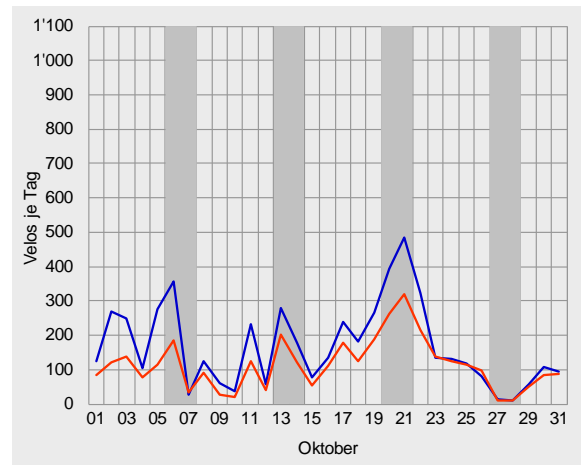
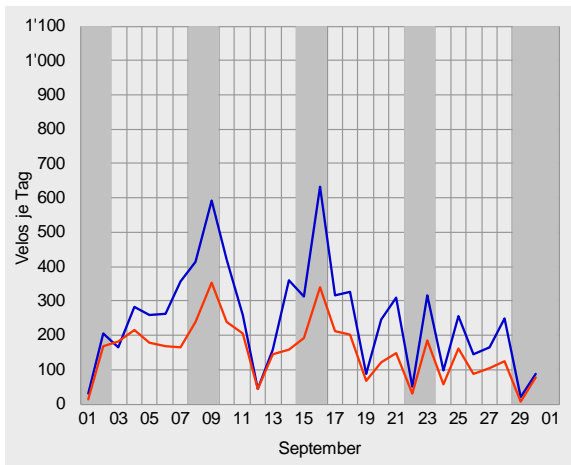
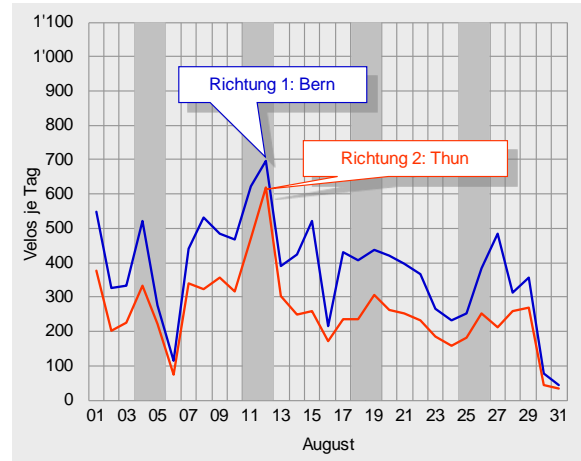
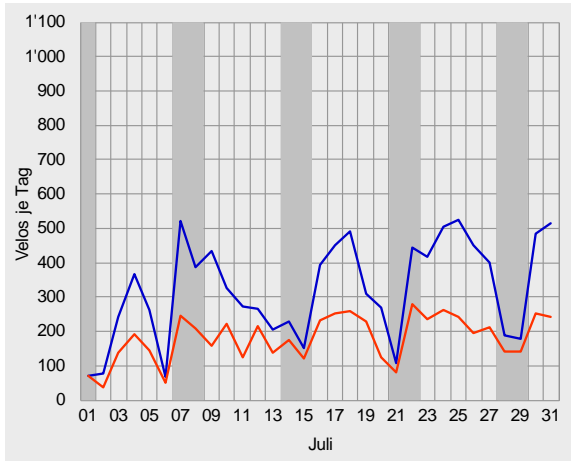


## Veloverkehrsaufkommen 2012



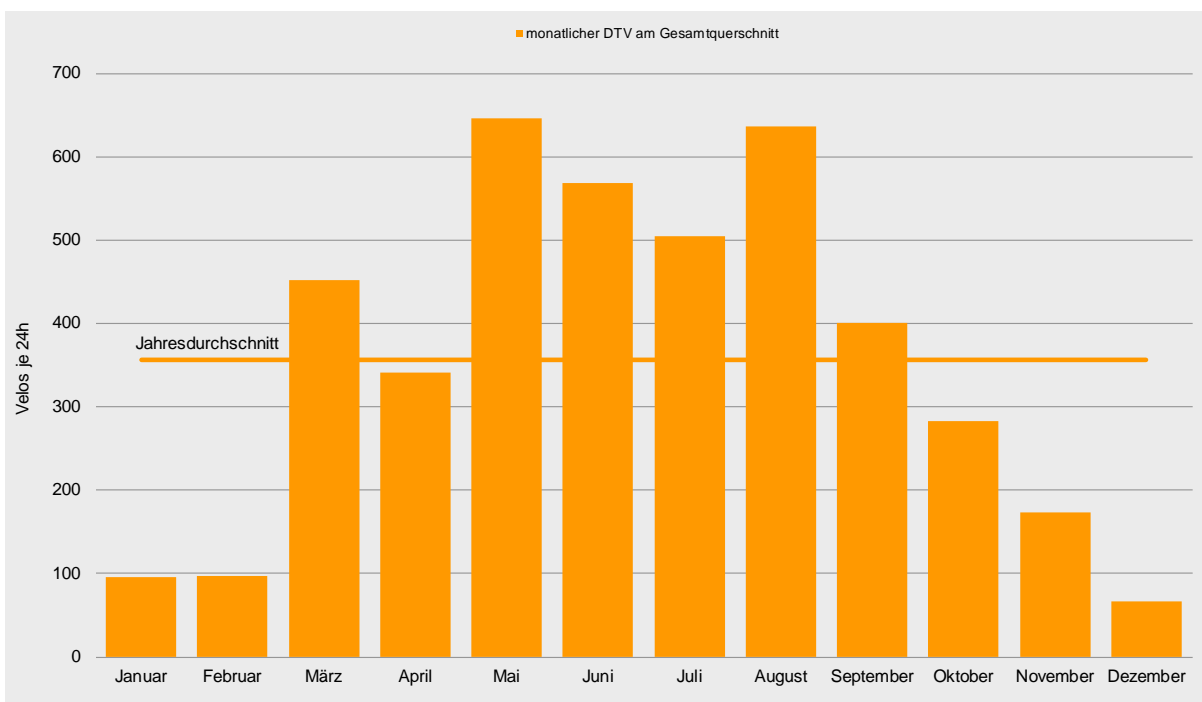
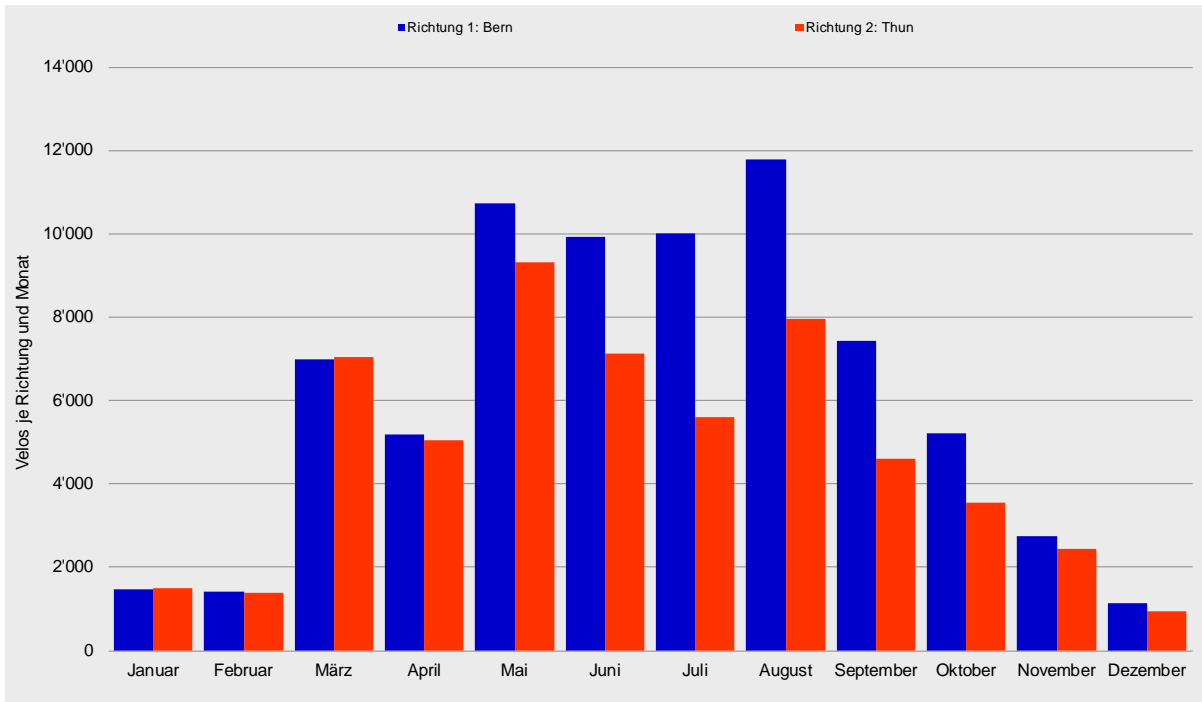


Velo-Zählanlage Münsingen Auswertung 2012



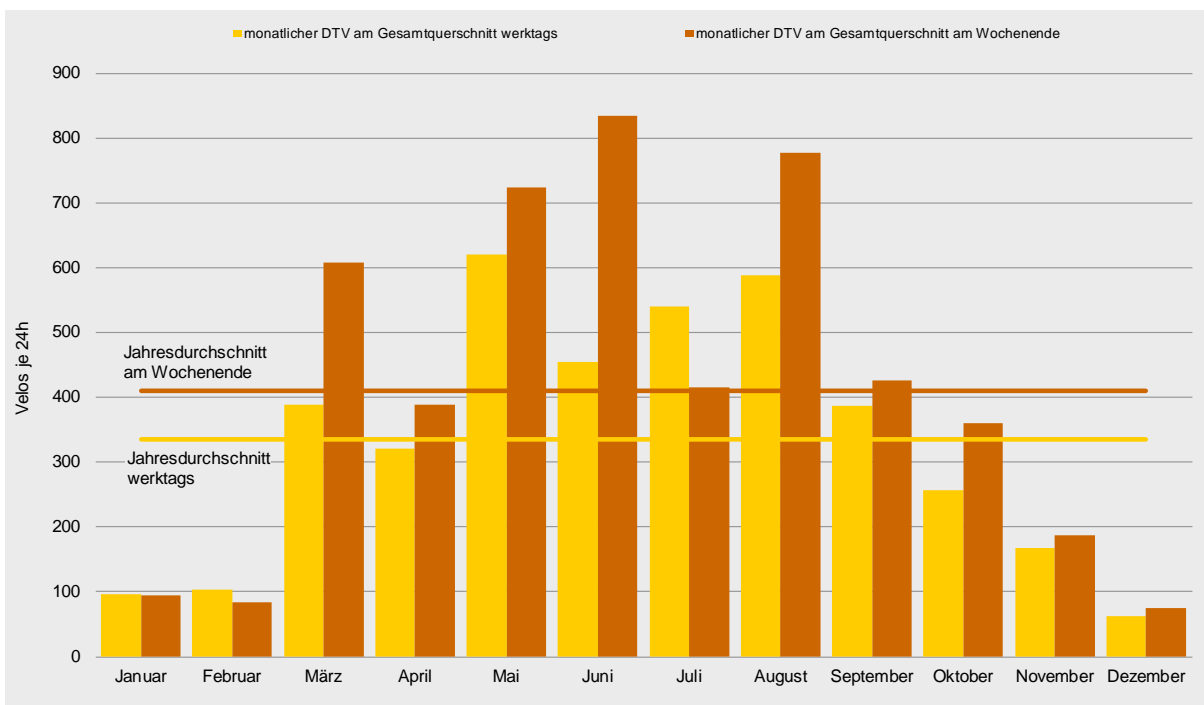
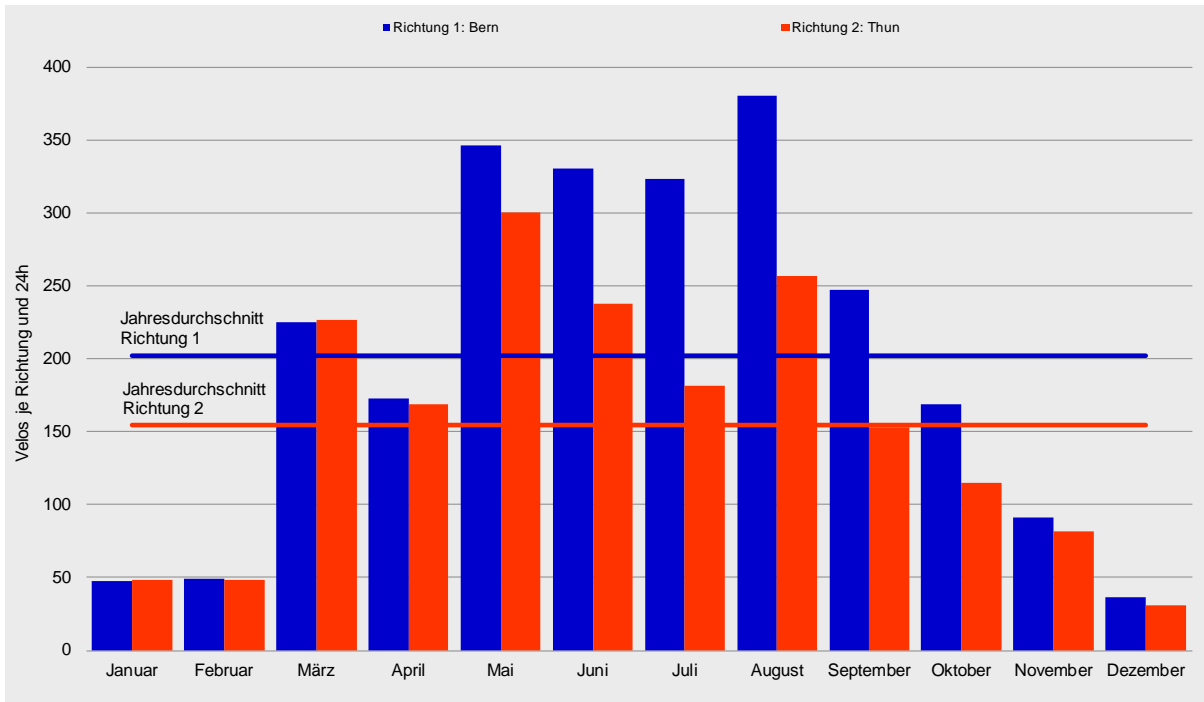


## Durchschnittlicher täglicher Veloverkehr 2012



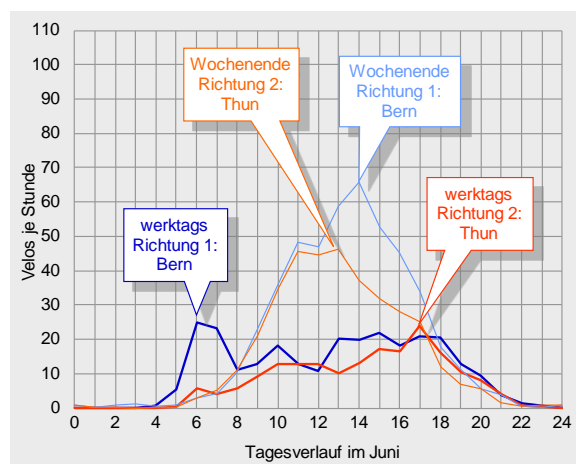
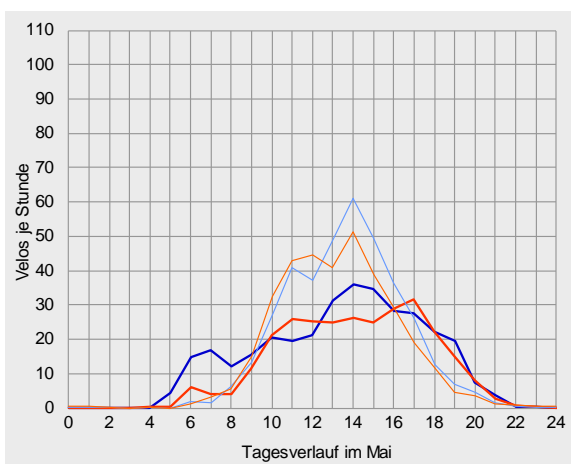
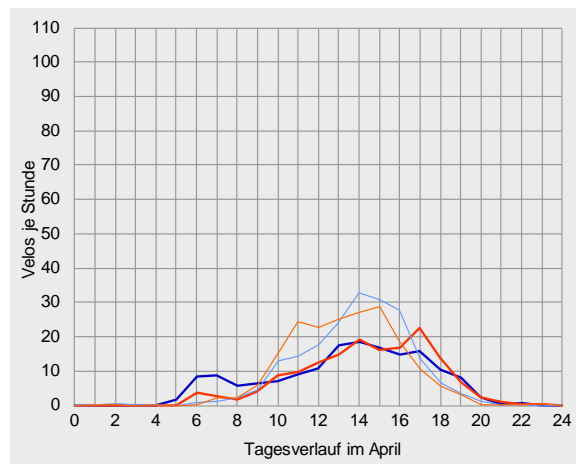
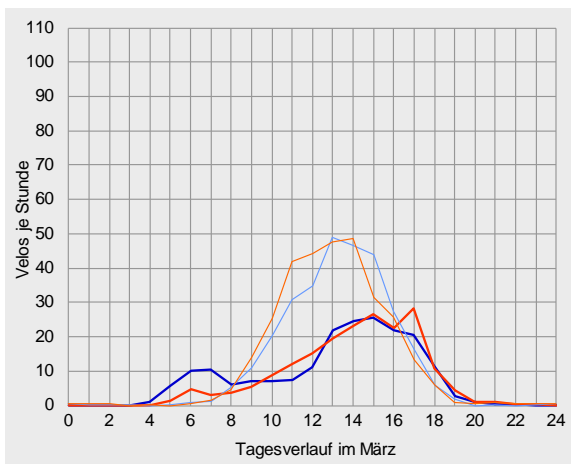
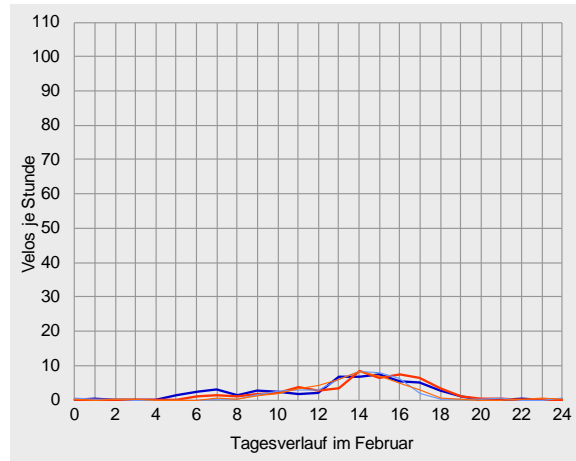
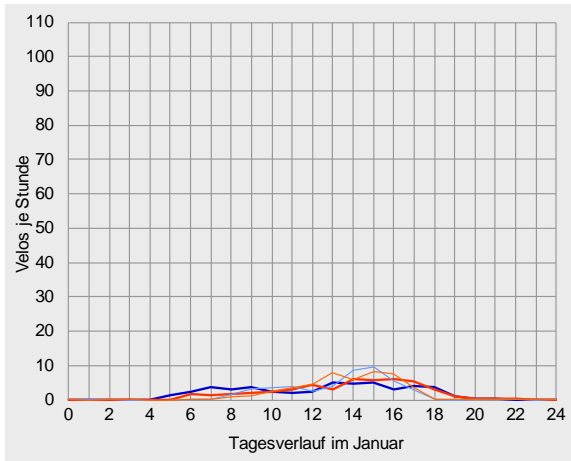


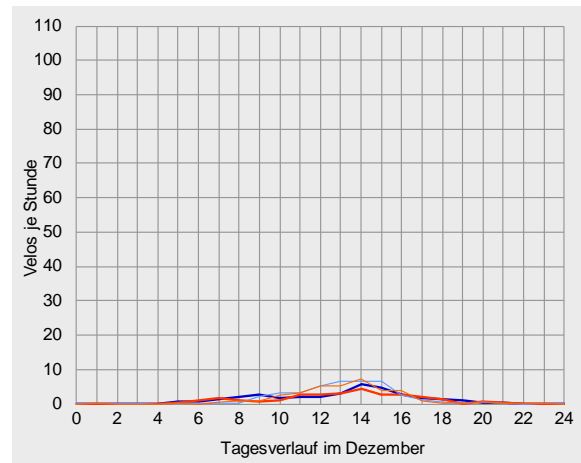
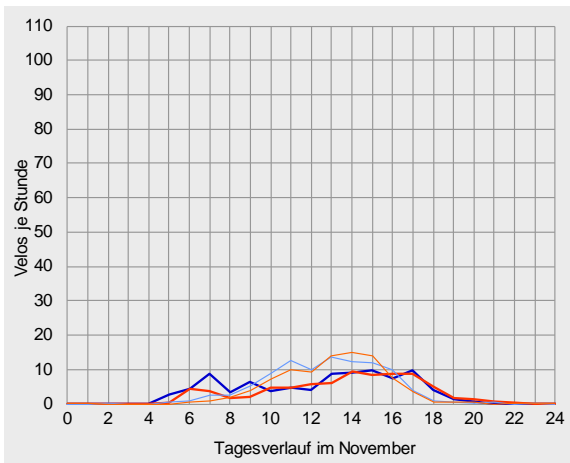
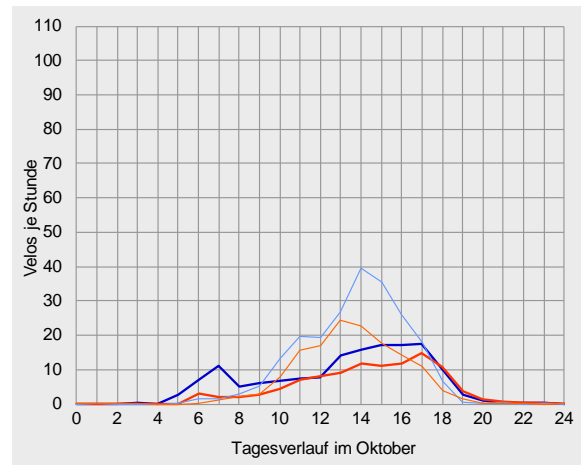
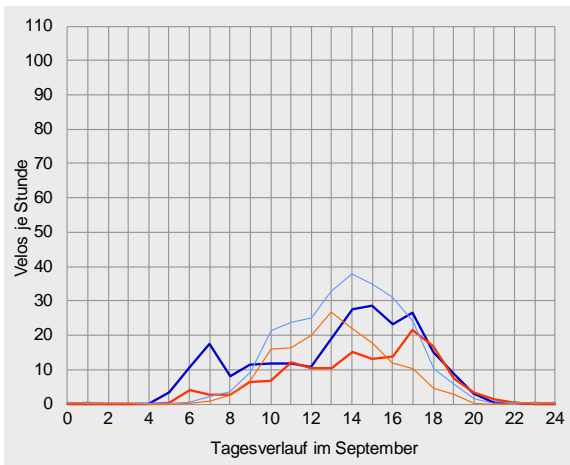
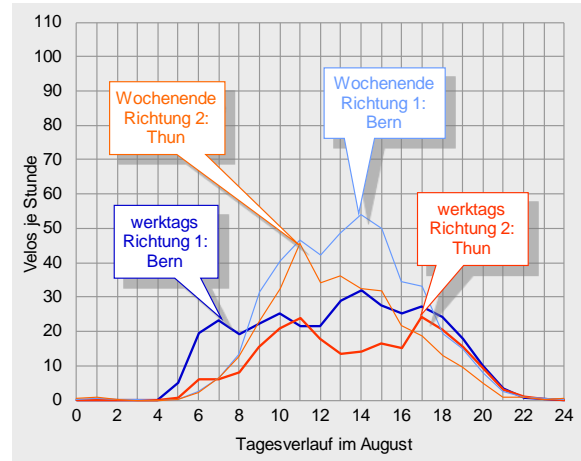
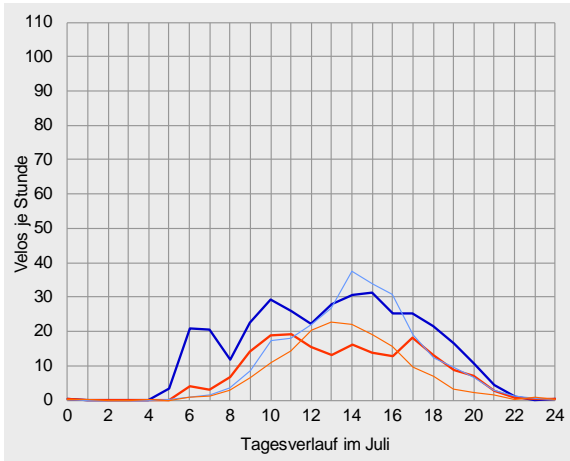
Velo-Zählanlage Münsingen Auswertung 2012





## Tagesganglinien 2012







## Datenübersichten zur Velo-Zählanlage Münsingen 2012

	Richtung 1: Bern			Richtung 2: Thun			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	1'472	2%	-27%	1'495	3%	-23%	2'967	2%	-25%
Februar	1'425	2%	-52%	1'393	2%	-54%	2'818	2%	-53%
März	6'980	9%	+38%	7'032	12%	+28%	14'012	11%	+33%
April	5'192	7%	-56%	5'053	9%	-58%	10'245	8%	-57%
Mai	10'730	14%	-2%	9'311	16%	-13%	20'041	15%	-7%
Juni	9'915	13%	+1%	7'123	13%	-9%	17'038	13%	-3%
Juli	10'008	14%	-3%	5'612	10%	-32%	15'620	12%	-16%
August	11'782	16%	-1%	7'956	14%	-17%	19'738	15%	-8%
September	7'420	10%	-15%	4'594	8%	-34%	12'014	9%	-24%
Oktober	5'223	7%	-10%	3'559	6%	-31%	8'782	7%	-19%
November	2'736	4%	-28%	2'452	4%	-32%	5'188	4%	-30%
Dezember	1'124	2%	-24%	952	2%	-32%	2'076	2%	-28%
2012	74'007	100%	-13%	56'532	100%	-26%	130'539	100%	-19%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	48	-75%	-14%	49	-66%	-8%	96	-71%	-11%
	Wochenende	47	-79%	-45%	47	-74%	-44%	94	-77%	-44%
	gesamt	47	-77%	-27%	48	-69%	-23%	96	-73%	-25%
Februar	w erktags	52	-73%	-39%	51	-65%	-42%	103	-69%	-40%
	Wochenende	42	-82%	-73%	42	-77%	-74%	83	-80%	-74%
	gesamt	49	-76%	-53%	48	-69%	-56%	97	-73%	-54%
März	w erktags	196	+2%	+24%	193	+35%	+14%	389	+16%	+19%
	Wochenende	297	+31%	+67%	310	+69%	+55%	607	+48%	+61%
	gesamt	225	+11%	+38%	227	+47%	+28%	452	+27%	+33%
April	w erktags	163	-15%	-48%	158	+10%	-52%	321	-4%	-50%
	Wochenende	196	-14%	-66%	193	+6%	-67%	389	-5%	-67%
	gesamt	173	-14%	-56%	168	+9%	-58%	342	-4%	-57%
Mai	w erktags	336	+75%	+5%	284	+99%	-8%	620	+85%	-1%
	Wochenende	376	+65%	-15%	347	+90%	-19%	723	+76%	-17%
	gesamt	346	+71%	-2%	300	+94%	-13%	646	+81%	-7%
Juni	w erktags	270	+41%	-4%	184	+29%	-16%	454	+36%	-9%
	Wochenende	472	+107%	+5%	362	+98%	-3%	834	+103%	+1%
	gesamt	331	+63%	+1%	237	+54%	-9%	568	+59%	-3%
Juli	w erktags	351	+83%	+17%	189	+32%	-18%	540	+61%	+2%
	Wochenende	253	+11%	-38%	162	-12%	-53%	415	+1%	-45%
	gesamt	323	+60%	-3%	181	+17%	-32%	504	+41%	-16%
August	w erktags	356	+85%	-4%	232	+62%	-20%	588	+75%	-11%
	Wochenende	450	+98%	+6%	328	+79%	-9%	778	+89%	-1%
	gesamt	380	+88%	-1%	257	+66%	-17%	637	+79%	-8%
September	w erktags	238	+24%	-15%	149	+4%	-33%	387	+16%	-23%
	Wochenende	266	+17%	-19%	161	-12%	-37%	427	+4%	-27%
	gesamt	247	+22%	-15%	153	-1%	-34%	400	+12%	-24%
Oktober	w erktags	151	-21%	-11%	105	-26%	-29%	256	-23%	-19%
	Wochenende	218	-4%	-2%	143	-22%	-30%	361	-12%	-15%
	gesamt	168	-17%	-10%	115	-26%	-31%	283	-21%	-19%
November	w erktags	89	-53%	-23%	79	-45%	-29%	168	-50%	-26%
	Wochenende	96	-58%	-39%	90	-51%	-37%	187	-55%	-38%
	gesamt	91	-55%	-28%	82	-47%	-32%	173	-52%	-30%
Dezember	w erktags	35	-82%	-23%	28	-80%	-32%	63	-81%	-27%
	Wochenende	40	-83%	-27%	35	-81%	-33%	75	-82%	-30%
	gesamt	36	-82%	-24%	31	-80%	-32%	67	-81%	-28%
2012	w erktags	192	0%	-8%	143	0%	-23%	335	0%	-15%
	Wochenende	228	0%	-21%	183	0%	-31%	411	0%	-26%
	gesamt	202	0%	-13%	154	0%	-26%	357	0%	-19%





Velo-Zählanlage Münsingen Auswertung 2012

		Richtung 1: Bern					Richtung 2: Thun					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	3%	19%	42%	25%	11%	0%	10%	43%	35%	11%	2%	15%	42%	30%	11%
	Wochenende	1%	4%	56%	38%	1%	1%	2%	53%	41%	2%	1%	3%	54%	40%	2%
	gesamt	3%	15%	46%	29%	8%	0%	8%	46%	37%	9%	2%	11%	46%	33%	8%
Februar	w erktags	3%	13%	43%	34%	8%	0%	6%	43%	40%	11%	2%	9%	43%	37%	9%
	Wochenende	2%	1%	56%	38%	2%	1%	2%	59%	35%	3%	1%	2%	58%	37%	3%
	gesamt	3%	10%	46%	35%	7%	0%	5%	47%	39%	9%	2%	8%	46%	37%	8%
März	w erktags	3%	14%	40%	35%	8%	1%	6%	44%	40%	9%	2%	10%	42%	37%	9%
	Wochenende	0%	2%	65%	29%	3%	1%	2%	72%	23%	3%	0%	2%	68%	26%	3%
	gesamt	2%	9%	50%	33%	6%	1%	4%	55%	33%	7%	2%	7%	52%	33%	6%
April	w erktags	1%	14%	42%	29%	13%	0%	5%	44%	35%	15%	1%	10%	43%	32%	14%
	Wochenende	1%	2%	54%	37%	6%	0%	2%	62%	30%	5%	1%	2%	58%	33%	6%
	gesamt	1%	10%	46%	32%	11%	0%	4%	50%	33%	12%	1%	7%	48%	33%	11%
Mai	w erktags	1%	13%	43%	27%	16%	0%	5%	48%	30%	17%	1%	9%	45%	28%	16%
	Wochenende	0%	3%	61%	30%	7%	0%	3%	65%	25%	6%	0%	3%	63%	28%	7%
	gesamt	1%	10%	48%	28%	13%	0%	4%	53%	29%	14%	1%	7%	50%	28%	14%
Juni	w erktags	2%	22%	35%	23%	18%	0%	8%	38%	31%	22%	1%	16%	36%	26%	19%
	Wochenende	1%	4%	59%	28%	8%	1%	5%	63%	23%	8%	1%	4%	61%	26%	8%
	gesamt	2%	14%	45%	25%	14%	0%	7%	50%	28%	15%	1%	11%	47%	26%	14%
Juli	w erktags	1%	15%	45%	23%	15%	0%	7%	51%	24%	17%	1%	12%	47%	23%	16%
	Wochenende	0%	2%	51%	33%	13%	0%	3%	60%	27%	9%	0%	3%	55%	31%	12%
	gesamt	1%	12%	47%	25%	15%	0%	6%	54%	25%	15%	1%	10%	49%	25%	15%
August	w erktags	2%	17%	43%	22%	16%	0%	9%	46%	24%	21%	1%	14%	44%	23%	18%
	Wochenende	0%	5%	59%	26%	10%	1%	6%	62%	22%	9%	0%	6%	60%	24%	10%
	gesamt	1%	14%	47%	24%	14%	0%	8%	51%	23%	17%	1%	11%	49%	24%	15%
September	w erktags	1%	15%	39%	33%	12%	0%	6%	41%	32%	20%	1%	12%	40%	33%	15%
	Wochenende	0%	2%	56%	34%	7%	1%	2%	67%	25%	5%	1%	2%	60%	30%	6%
	gesamt	1%	11%	45%	33%	10%	0%	5%	50%	30%	15%	1%	8%	47%	32%	12%
Oktober	w erktags	2%	15%	38%	34%	10%	0%	7%	41%	36%	16%	1%	12%	39%	35%	12%
	Wochenende	0%	3%	57%	37%	4%	0%	2%	63%	30%	4%	0%	3%	59%	34%	4%
	gesamt	1%	11%	45%	35%	8%	0%	5%	48%	34%	12%	1%	9%	46%	35%	10%
November	w erktags	3%	19%	41%	30%	7%	0%	13%	42%	33%	11%	2%	16%	41%	32%	9%
	Wochenende	1%	6%	65%	26%	2%	0%	4%	66%	28%	2%	0%	5%	65%	27%	2%
	gesamt	2%	15%	48%	29%	6%	0%	10%	49%	32%	9%	1%	13%	48%	30%	7%
Dezember	w erktags	3%	12%	51%	26%	8%	2%	12%	52%	26%	8%	2%	12%	51%	26%	8%
	Wochenende	2%	2%	67%	26%	3%	1%	4%	67%	24%	4%	1%	3%	67%	25%	3%
	gesamt	2%	9%	57%	26%	6%	1%	9%	58%	25%	7%	2%	9%	57%	26%	6%
2012	w erktags	2%	16%	41%	27%	14%	0%	7%	45%	31%	17%	1%	12%	43%	29%	15%
	Wochenende	1%	3%	59%	31%	7%	0%	4%	65%	26%	6%	1%	3%	61%	28%	7%
	gesamt	1%	12%	47%	28%	12%	0%	6%	51%	29%	13%	1%	9%	49%	29%	12%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		19		14-15 Uhr		17		17-18 Uhr		34		17-18 Uhr				
Wochenende		34		14-15 Uhr		25		13-14 Uhr		59		14-15 Uhr				
über alle Tage 2012		24		14-15 Uhr		17		14-15 Uhr		41		14-15 Uhr				





## Velo-Zählanlage Brienz BE (08)

### Auswertung 2012

Der Messquerschnitt in Brienz wird in erster Linie vom Freizeitverkehr genutzt. Insgesamt wurden hier im Jahr 2012 rund 42'000 Velofahrende erfasst. Gegenüber dem Aufkommen im Vorjahr entspricht das einer Abnahme um 21 %. Hauptsaison waren die Monate Mai bis August, in diesem Zeitraum wurde die Hälfte des Jahresaufkommens gemessen. Die Fahrtrichtung 2 nach Meiringen ist ab dem Sommer geringfügig stärker belastet als die Gegenrichtung. Das durchschnittliche tägliche Veloverkehrsaufkommen am Messquerschnitt Brienz lag 2012 bei 115 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der Nachmittagsstunden zu verzeichnen.

### Standort

Die Velo-Zählanlage Brienz liegt im Kanton Bern. An ihr führen zwei Routen des nationalen Velolandnetzes vorbei: Die Aare-Route 8 und die Seen-Route 9.

Die Zählstation befindet sich bei Brienz am südlichen Rand des Haslitaales auf dem Abschnitt zwischen Interlaken und Meiringen.

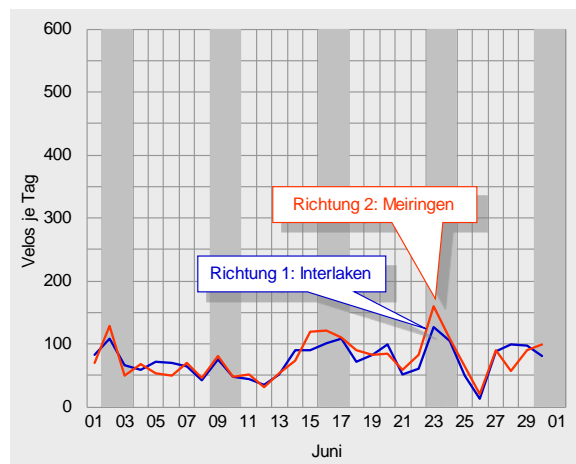
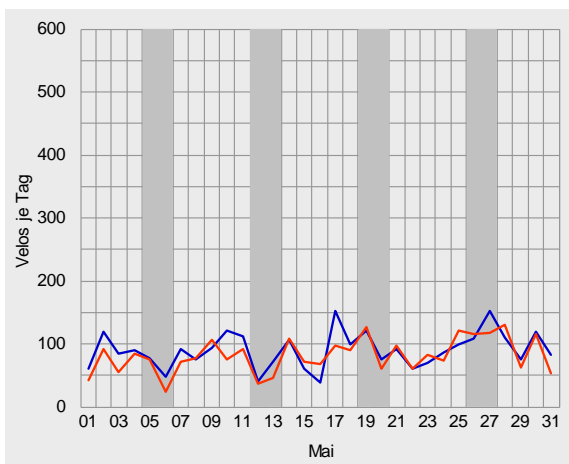
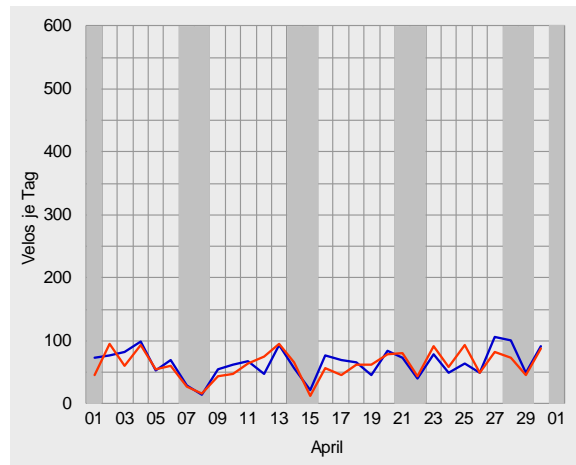
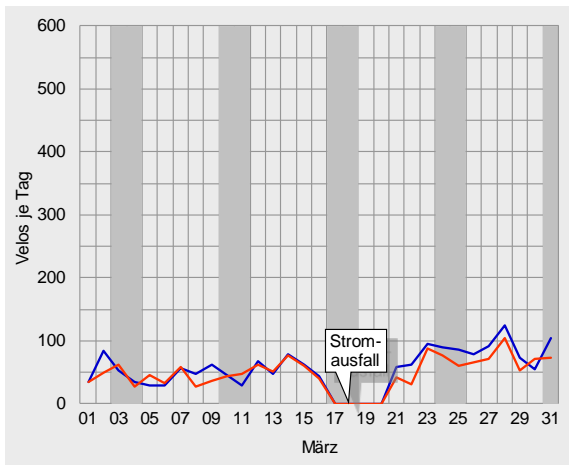
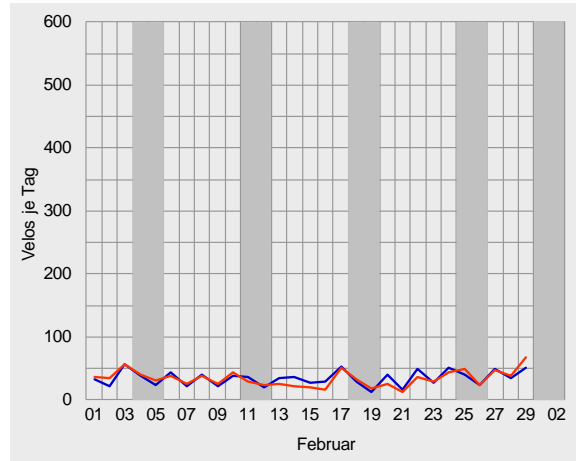
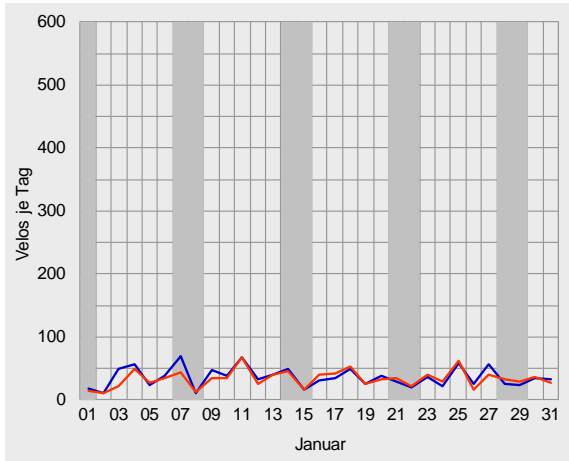
Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 15 und 16 Uhr beobachtet. Hier passierten im Durchschnitt 14 Velos den Messquerschnitt.

Die Velo-Zählanlage Brienz hat 2012 kontinuierlich Daten erfasst und gespeichert. Abgesehen von einem kurzen Unterbruch Mitte März, der auf einen Stromausfall zurückzuführen ist, wurden keine weiteren Datenausfälle registriert.

Der Messquerschnitt liegt an einer Nebenstrasse, die für alle Fahrzeugarten zugelassen ist. In Höhe der Zählstation verfügt der Querschnitt über eine Breite von ca. 5 m. Die Strecke ist eben, ihre Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren.

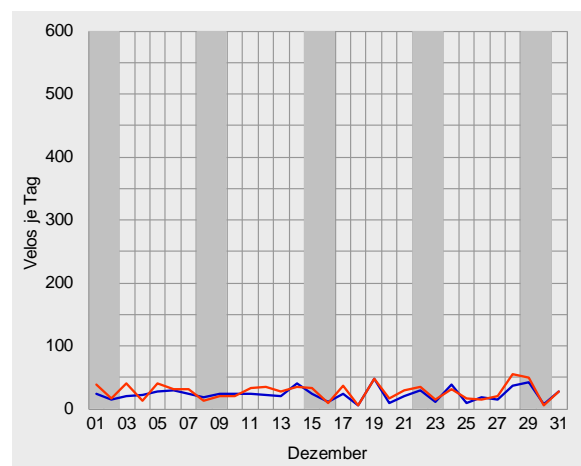
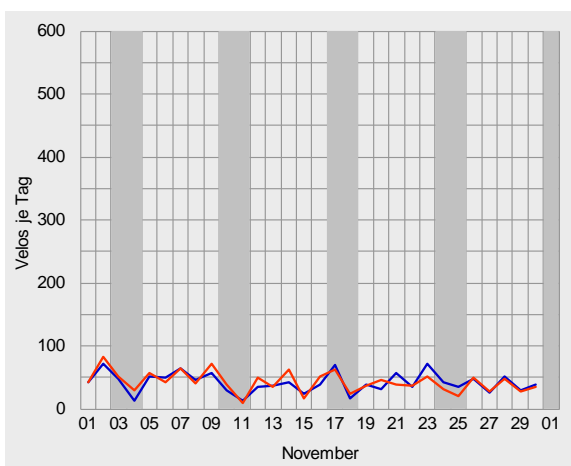
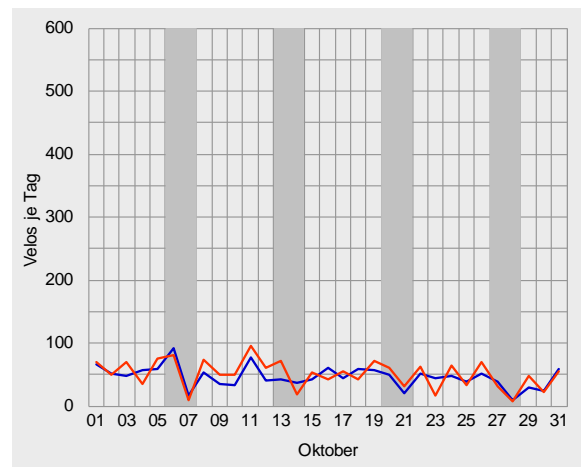
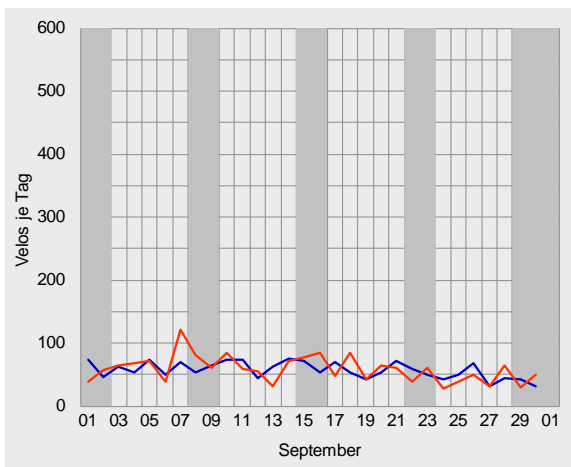
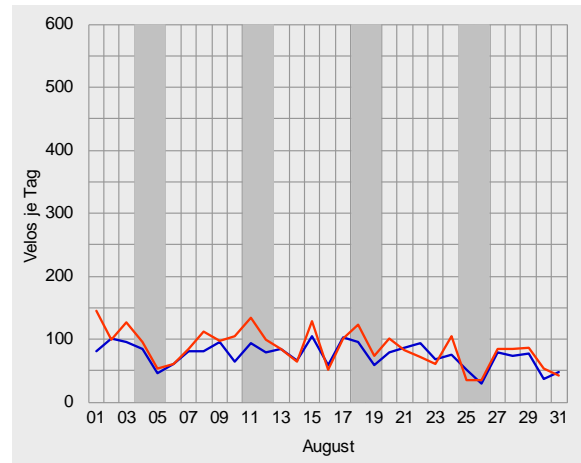
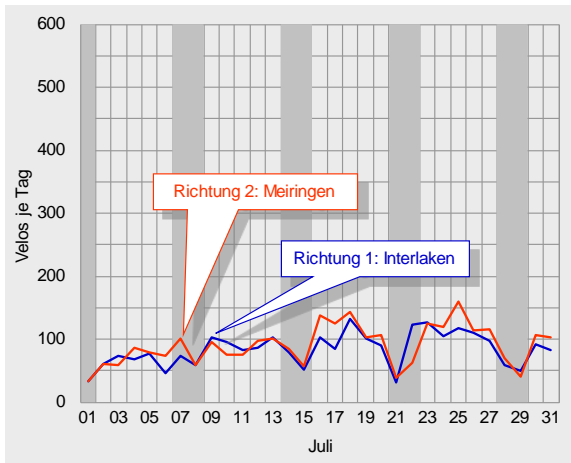


## Veloverkehrsaufkommen 2012



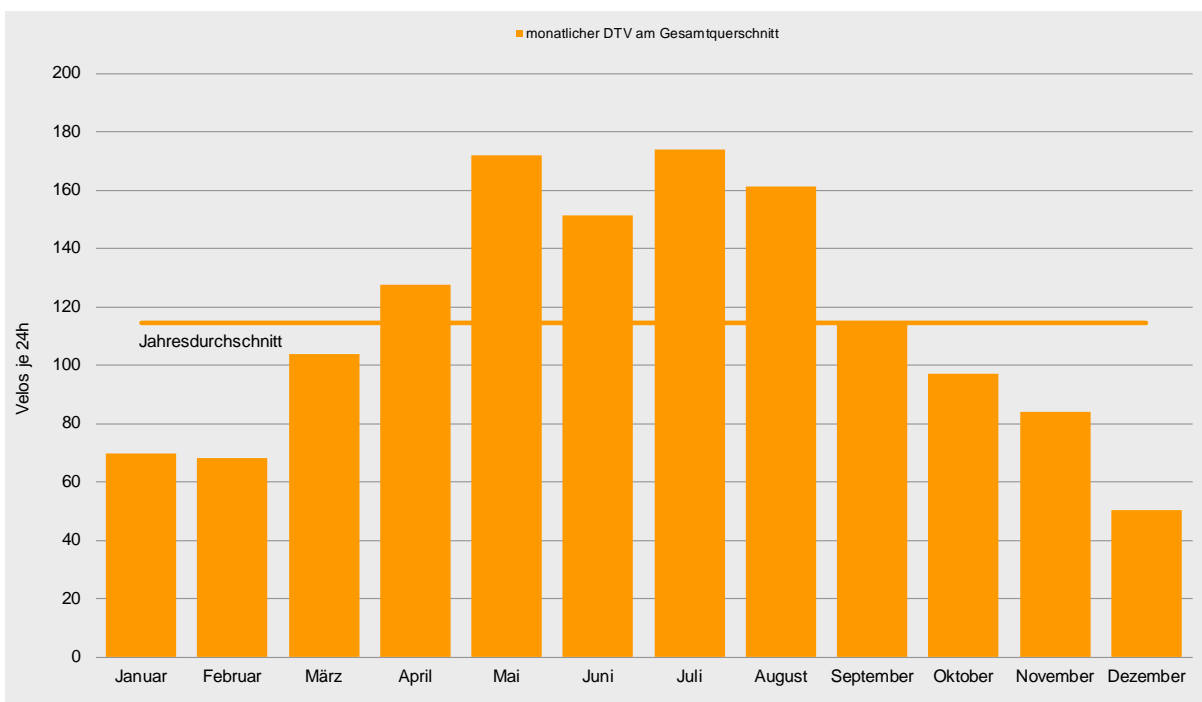
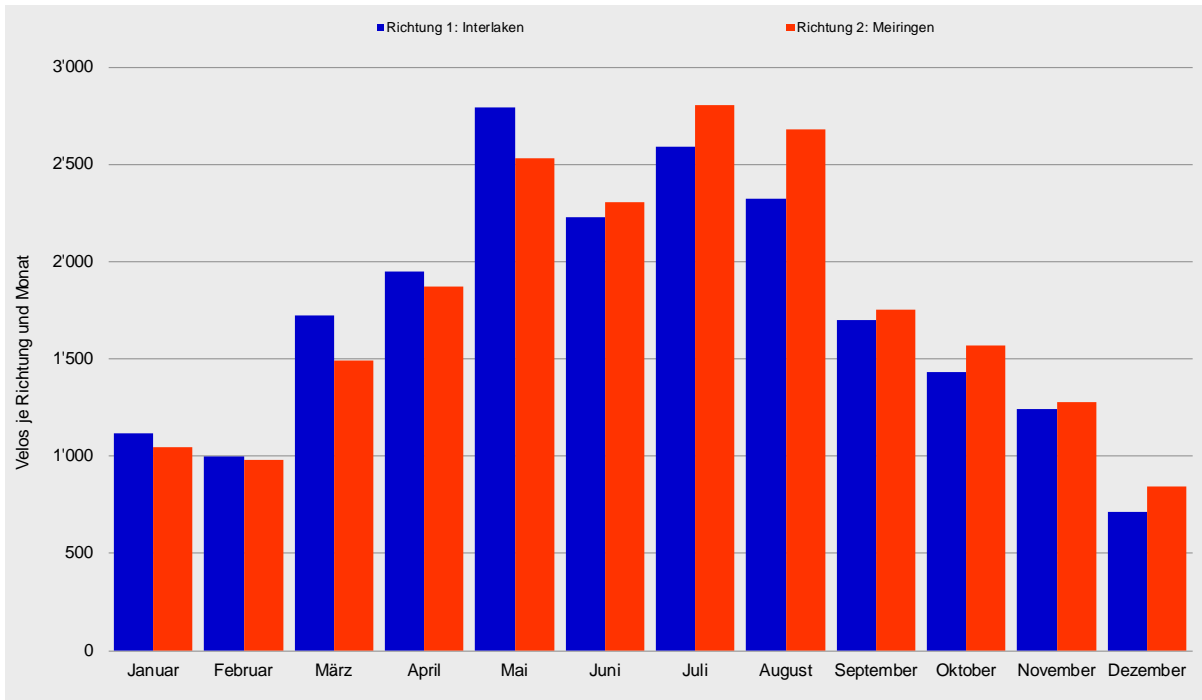


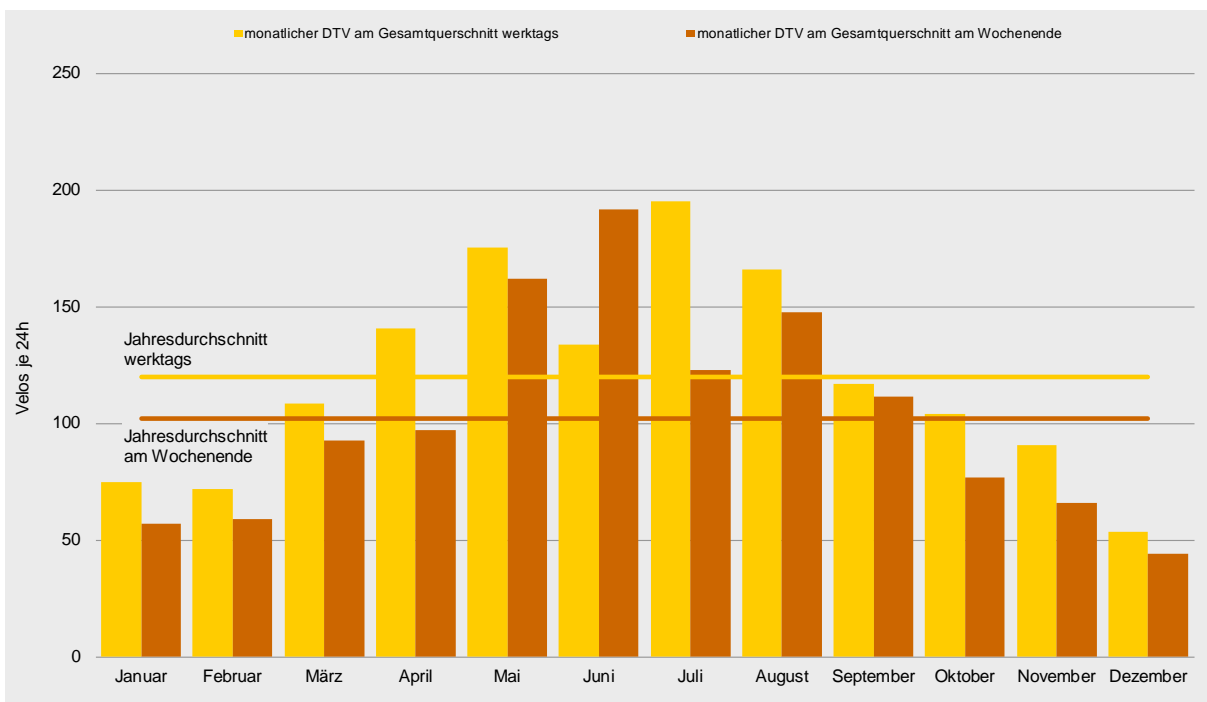
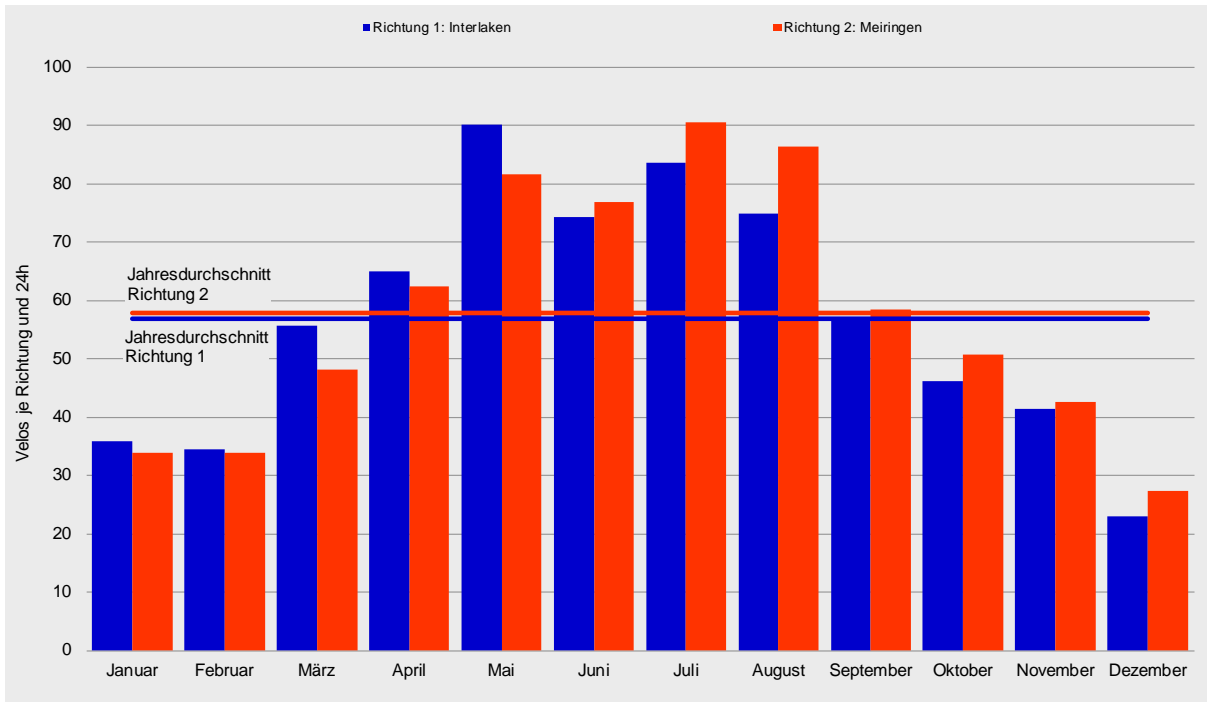
Velo-Zählanlage Brienz Auswertung 2012





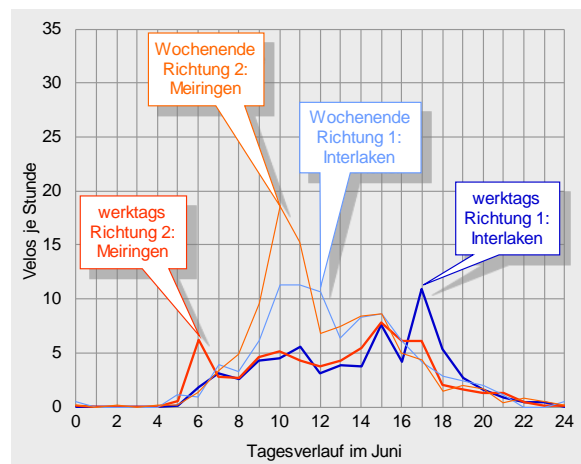
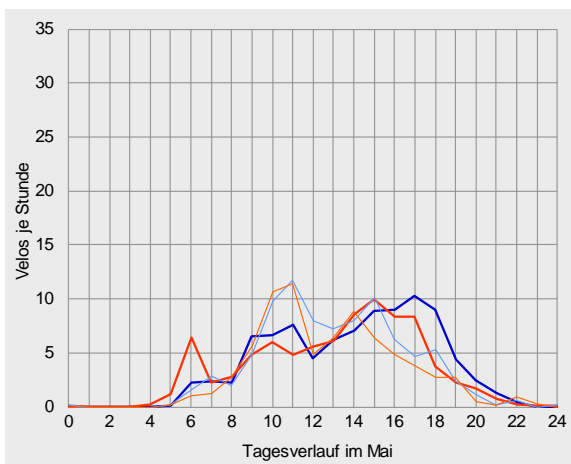
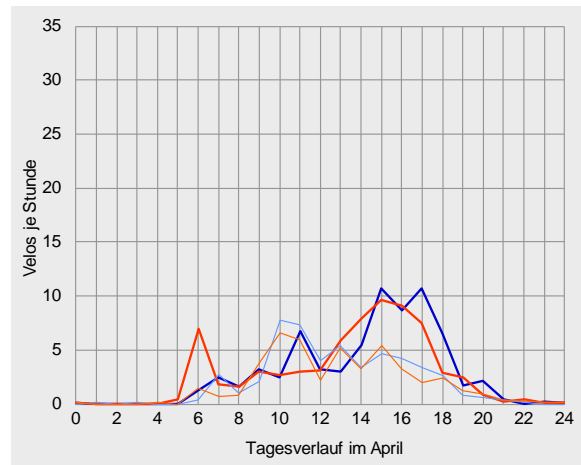
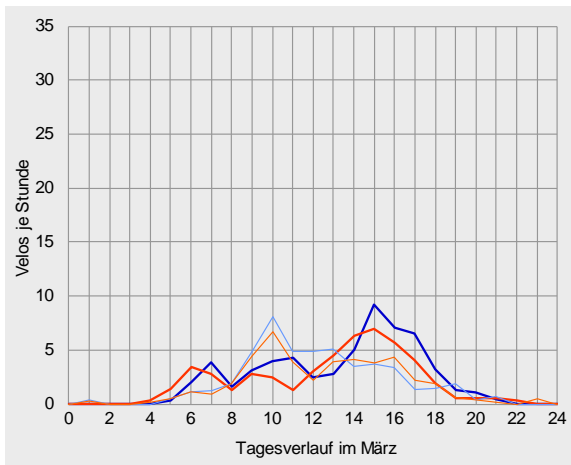
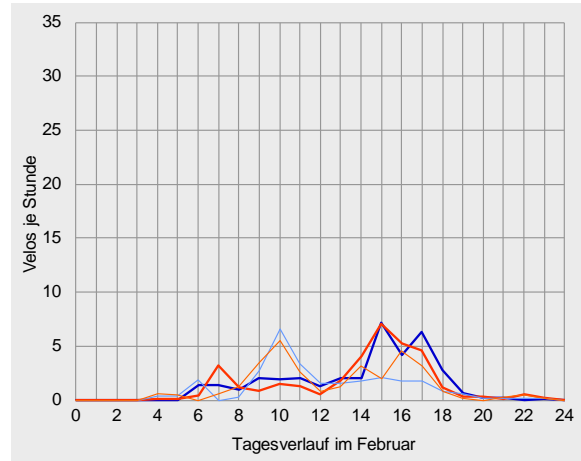
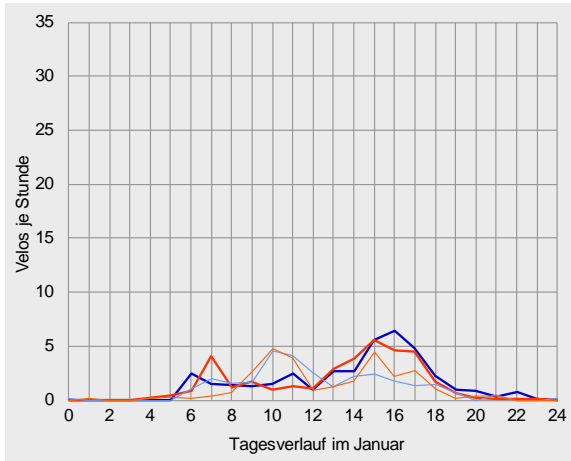
## Durchschnittlicher täglicher Veloverkehr 2012







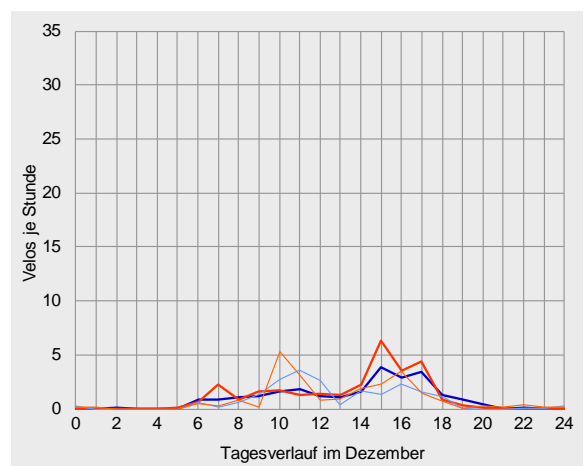
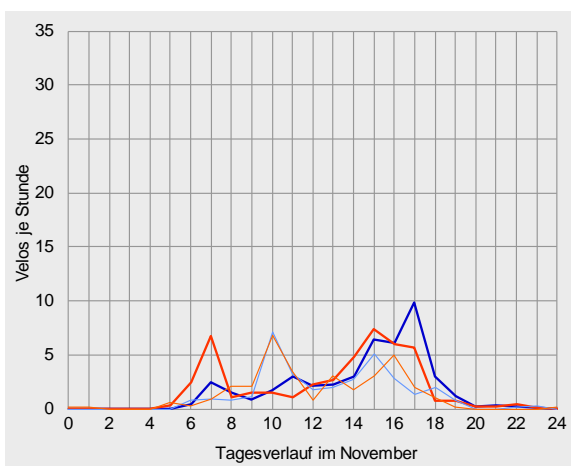
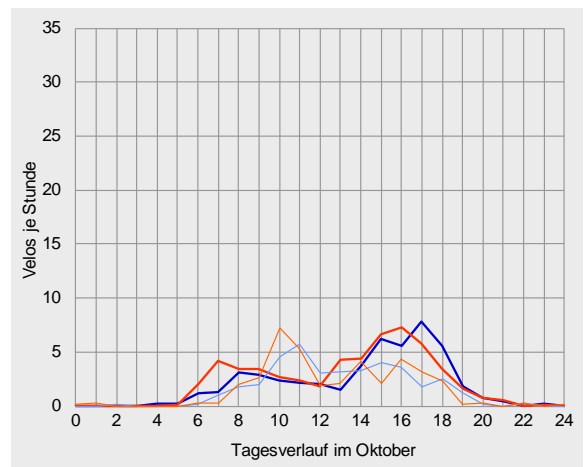
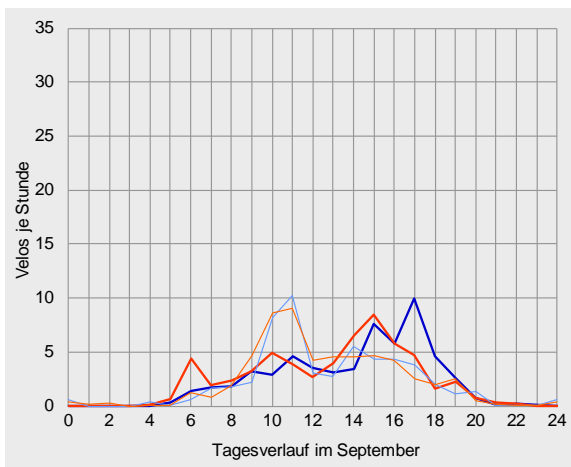
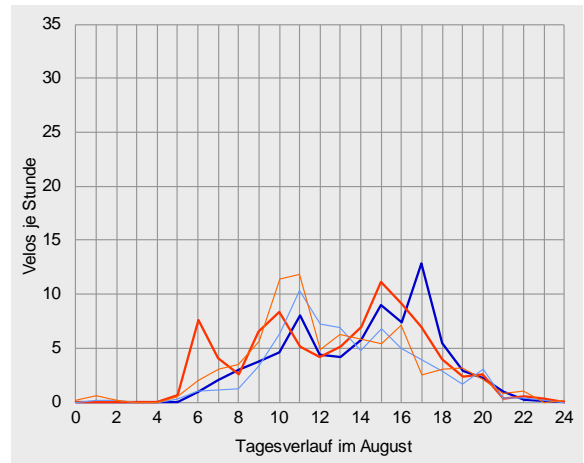
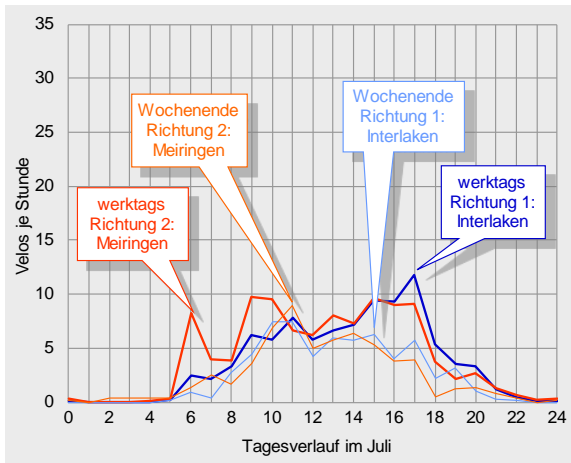
## Tagesganglinien 2012







Velo-Zählanlage Brienz Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Brienz 2012

	Richtung 1: Interlaken			Richtung 2: Meiringen			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	1'114	5%	-10%	1'048	5%	-6%	2'162	5%	-8%
Februar	998	5%	-22%	982	5%	-23%	1'980	5%	-22%
März	1'722	8%	-9%	1'494	7%	-20%	3'216	8%	-15%
April	1'948	9%	-36%	1'874	9%	-42%	3'822	9%	-39%
Mai	2'795	13%	+13%	2'531	12%	+4%	5'326	13%	+8%
Juni	2'228	11%	-20%	2'306	11%	-27%	4'534	11%	-23%
Juli	2'592	12%	-16%	2'803	13%	-20%	5'395	13%	-19%
August	2'322	11%	-29%	2'678	13%	-39%	5'000	12%	-35%
September	1'697	8%	-20%	1'751	8%	-27%	3'448	8%	-24%
Oktober	1'433	7%	-19%	1'569	7%	-18%	3'002	7%	-19%
November	1'244	6%	-13%	1'276	6%	-8%	2'520	6%	-11%
Dezember	713	3%	-38%	845	4%	-28%	1'558	4%	-33%
2012	20'806	100%	-19%	21'157	100%	-24%	41'963	100%	-21%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	39	-35%	-12%	36	-40%	-9%	75	-37%	-10%
	Wochenende	29	-42%	-7%	28	-45%	0%	57	-44%	-4%
	gesamt	36	-37%	-10%	34	-42%	-6%	70	-39%	-8%
Februar	w erktags	37	-38%	-23%	35	-42%	-29%	72	-40%	-26%
	Wochenende	28	-45%	-28%	31	-39%	-15%	59	-42%	-21%
	gesamt	34	-39%	-24%	34	-41%	-26%	68	-40%	-25%
März	w erktags	58	-2%	-9%	50	-17%	-18%	108	-10%	-13%
	Wochenende	49	-3%	-8%	44	-15%	-26%	93	-9%	-18%
	gesamt	56	-2%	-9%	48	-17%	-20%	104	-10%	-15%
April	w erktags	71	+19%	-27%	70	+15%	-28%	140	+17%	-27%
	Wochenende	51	+1%	-54%	46	-11%	-66%	97	-5%	-60%
	gesamt	65	+14%	-36%	62	+8%	-42%	127	+11%	-39%
Mai	w erktags	91	+54%	-9%	84	+39%	-15%	175	+46%	-12%
	Wochenende	87	+72%	-22%	75	+46%	-31%	162	+59%	-26%
	gesamt	90	+59%	-13%	82	+41%	-20%	172	+50%	-16%
Juni	w erktags	67	+13%	-25%	67	+10%	-29%	134	+12%	-27%
	Wochenende	91	+80%	-10%	101	+96%	-25%	192	+88%	-19%
	gesamt	74	+31%	-20%	77	+33%	-27%	151	+32%	-23%
Juli	w erktags	92	+56%	-5%	103	+70%	-2%	195	+63%	-3%
	Wochenende	62	+23%	-42%	61	+18%	-55%	123	+20%	-49%
	gesamt	84	+47%	-16%	90	+56%	-20%	174	+52%	-19%
August	w erktags	78	+31%	-27%	88	+46%	-28%	166	+39%	-28%
	Wochenende	67	+32%	-36%	81	+57%	-59%	148	+45%	-51%
	gesamt	75	+32%	-29%	86	+49%	-39%	161	+41%	-35%
September	w erktags	58	-3%	-17%	59	-3%	-23%	117	-3%	-20%
	Wochenende	54	+7%	-26%	57	+12%	-35%	112	+10%	-31%
	gesamt	57	-0%	-20%	58	+1%	-27%	115	+0%	-24%
Oktober	w erktags	49	-17%	-22%	55	-9%	-16%	104	-13%	-19%
	Wochenende	38	-25%	-17%	39	-25%	-29%	77	-25%	-24%
	gesamt	46	-19%	-19%	51	-12%	-18%	97	-16%	-19%
November	w erktags	45	-25%	-8%	46	-24%	-1%	91	-24%	-4%
	Wochenende	33	-35%	-29%	33	-35%	-29%	66	-35%	-29%
	gesamt	41	-27%	-13%	43	-26%	-8%	84	-27%	-11%
Dezember	w erktags	24	-59%	-42%	29	-52%	-34%	53	-56%	-38%
	Wochenende	21	-59%	-20%	23	-54%	-1%	44	-57%	-11%
	gesamt	23	-60%	-38%	27	-53%	-28%	50	-56%	-33%
2012	w erktags	59	0%	-18%	60	0%	-19%	120	0%	-18%
	Wochenende	51	0%	-27%	51	0%	-40%	102	0%	-34%
	gesamt	57	0%	-20%	58	0%	-26%	115	0%	-23%



Velo-Zählanlage Brienz Auswertung 2012

		Richtung 1: Interlaken					Richtung 2: Meiringen					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	13%	30%	43%	13%	2%	17%	33%	41%	8%	1%	15%	31%	42%	11%
	Wochenende	0%	16%	56%	19%	9%	2%	4%	54%	34%	6%	1%	10%	55%	26%	8%
	gesamt	0%	14%	36%	38%	12%	2%	14%	38%	39%	8%	1%	14%	37%	38%	10%
Februar	w erktags	0%	10%	31%	48%	11%	1%	14%	29%	49%	8%	1%	12%	30%	48%	9%
	Wochenende	3%	8%	63%	20%	7%	4%	6%	54%	31%	6%	3%	7%	58%	26%	6%
	gesamt	1%	10%	38%	42%	10%	2%	12%	35%	44%	7%	1%	11%	37%	43%	9%
März	w erktags	1%	13%	37%	39%	10%	3%	15%	41%	33%	8%	2%	14%	39%	36%	9%
	Wochenende	2%	9%	64%	17%	9%	2%	9%	58%	24%	8%	2%	9%	61%	20%	8%
	gesamt	1%	12%	44%	33%	10%	3%	14%	45%	31%	8%	2%	13%	45%	32%	9%
April	w erktags	0%	8%	34%	42%	16%	1%	15%	37%	38%	10%	1%	11%	35%	40%	13%
	Wochenende	0%	8%	59%	24%	9%	0%	6%	59%	23%	11%	0%	7%	59%	24%	10%
	gesamt	0%	8%	40%	38%	14%	1%	13%	42%	35%	10%	1%	10%	41%	36%	12%
Mai	w erktags	0%	7%	42%	31%	19%	2%	14%	43%	32%	10%	1%	10%	42%	31%	15%
	Wochenende	0%	7%	57%	24%	11%	0%	7%	64%	20%	10%	0%	7%	60%	22%	10%
	gesamt	0%	7%	46%	29%	17%	1%	12%	48%	29%	10%	1%	10%	47%	29%	14%
Juni	w erktags	0%	11%	38%	34%	17%	1%	18%	41%	30%	10%	1%	14%	39%	32%	14%
	Wochenende	2%	9%	59%	21%	9%	0%	9%	66%	18%	7%	1%	9%	63%	19%	8%
	gesamt	1%	10%	46%	29%	14%	1%	14%	51%	25%	9%	1%	12%	48%	27%	11%
Juli	w erktags	0%	9%	43%	33%	15%	1%	16%	46%	27%	10%	1%	12%	45%	30%	13%
	Wochenende	0%	6%	57%	26%	11%	2%	9%	60%	21%	7%	1%	8%	58%	24%	9%
	gesamt	0%	8%	46%	32%	14%	1%	14%	49%	26%	10%	1%	11%	47%	29%	12%
August	w erktags	0%	8%	39%	38%	15%	1%	16%	41%	31%	11%	0%	12%	40%	34%	13%
	Wochenende	1%	5%	58%	23%	13%	2%	11%	57%	19%	12%	1%	8%	57%	21%	12%
	gesamt	0%	7%	44%	34%	15%	1%	15%	45%	28%	12%	1%	11%	44%	31%	13%
September	w erktags	1%	9%	36%	41%	14%	1%	15%	43%	32%	9%	1%	12%	39%	36%	12%
	Wochenende	2%	8%	59%	23%	9%	2%	7%	62%	20%	9%	2%	7%	60%	21%	9%
	gesamt	1%	8%	43%	35%	13%	1%	12%	49%	28%	9%	1%	10%	46%	31%	11%
Oktober	w erktags	1%	11%	30%	40%	18%	0%	18%	35%	36%	12%	1%	15%	32%	38%	15%
	Wochenende	0%	8%	57%	25%	11%	1%	6%	60%	25%	7%	1%	7%	58%	25%	9%
	gesamt	1%	11%	36%	37%	16%	0%	15%	40%	34%	11%	1%	13%	38%	35%	13%
November	w erktags	0%	10%	29%	50%	11%	1%	22%	30%	41%	5%	0%	16%	29%	46%	8%
	Wochenende	0%	7%	55%	29%	10%	3%	10%	54%	30%	3%	1%	9%	54%	29%	6%
	gesamt	0%	9%	34%	46%	11%	1%	20%	35%	39%	5%	1%	15%	35%	42%	8%
Dezember	w erktags	1%	11%	35%	42%	11%	0%	13%	33%	49%	5%	1%	12%	34%	46%	8%
	Wochenende	1%	7%	60%	25%	7%	2%	7%	53%	31%	8%	2%	7%	56%	28%	8%
	gesamt	1%	10%	42%	37%	10%	1%	11%	38%	44%	6%	1%	11%	40%	41%	8%
2012	w erktags	0%	10%	37%	38%	15%	1%	16%	39%	34%	9%	1%	13%	38%	36%	12%
	Wochenende	1%	8%	59%	23%	10%	1%	8%	60%	23%	8%	1%	8%	59%	23%	9%
	gesamt	1%	9%	42%	35%	14%	1%	14%	44%	31%	9%	1%	12%	43%	33%	11%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		9		17-18 Uhr		8		15-16 Uhr		16		15-16 Uhr				
Wochenende		7		10-11 Uhr		8		10-11 Uhr		15		10-11 Uhr				
über alle Tage 2012		7		17-18 Uhr		7		15-16 Uhr		14		15-16 Uhr				





## Velo-Zählanlage Schmerikon SG (11)

### Auswertung 2012

Am Messquerschnitt in Schmerikon sind sowohl viele Tages- und Mehrtagesreisende als auch viele Pendler zu beobachten. Insgesamt wurden im Jahr 2012 knapp 90'000 Velofahrende gezählt. Die Hauptsaison begann im Mai und hat sich bis in den September hinein erstreckt. Die getrennte Betrachtung nach Fahrrichtungen ergibt, dass Richtung 2 nach Jona etwas stärker belastet ist als die Gegenrichtung. Das durchschnittliche tägliche Veloverkehrsaufkommen am Messquerschnitt Schmerikon lag 2012 bei 246 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der frühen Nachmittagsstunden zu verzeichnen.

### Standort

Die Velo-Zählanlage Schmerikon liegt im Kanton St. Gallen an der Seen-Route 9 des nationalen Velolandnetzes.

Die Velo-Zählanlage befindet sich westlich von Schmerikon in Richtung Rapperswil zwischen dem nördlichen Ufer des oberen Zürichsee und dem Damm der Südostbahn.

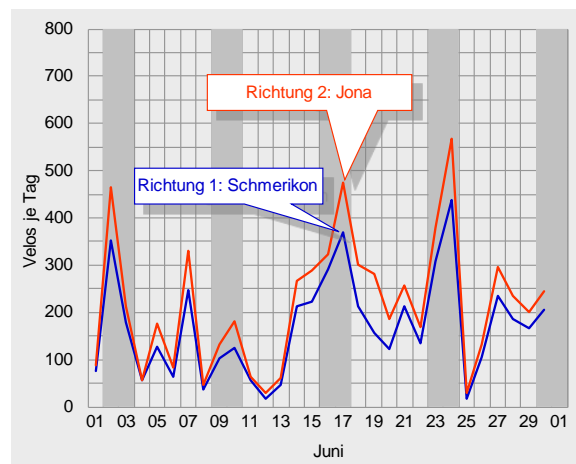
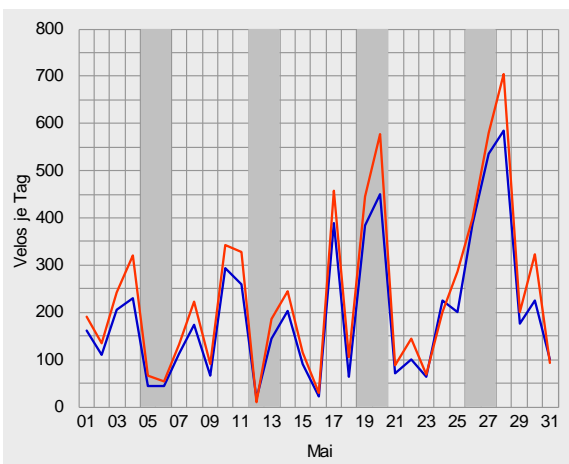
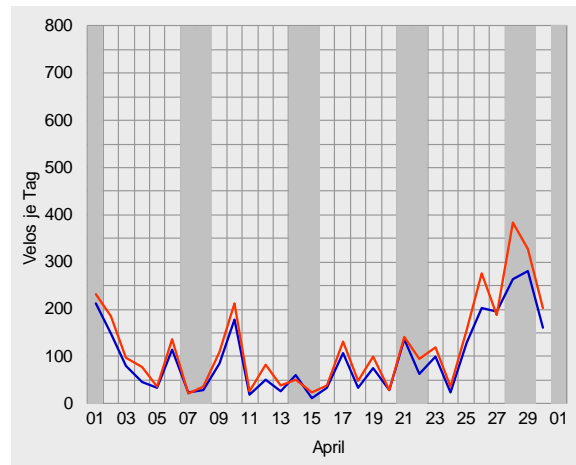
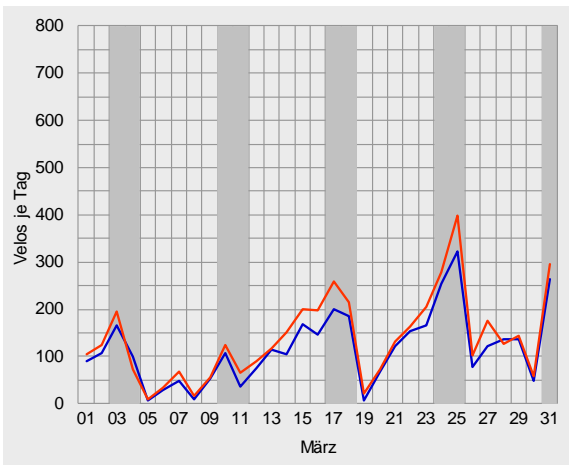
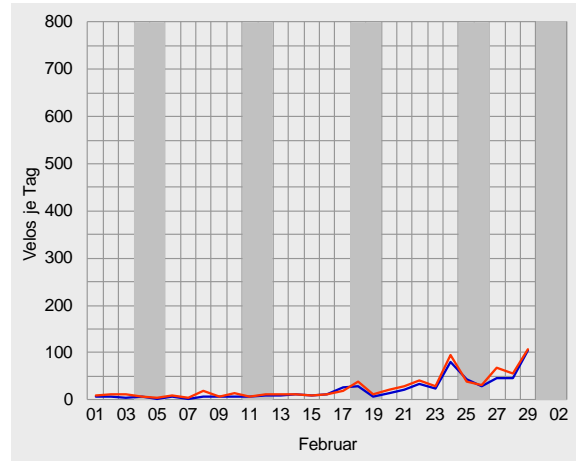
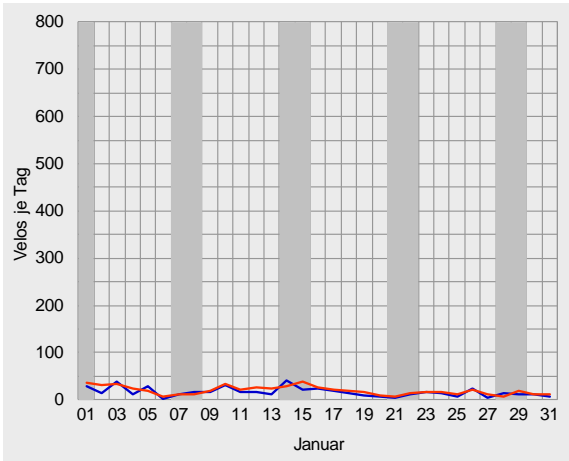
Über das gesamte Jahr 2012 hinweg betrachtet wurden die höchsten Belastungen zwischen 14 und 15 Uhr verzeichnet, hier passierten im Durchschnitt je 29 Velos den Messquerschnitt.

Die Velo-Zählanlage Schmerikon hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

Die Veloroute führt auf der Höhe der Zählanlage über einen eigenen Radweg, auf dem kein Motorfahrzeugverkehr zugelassen ist. An der Velo-Zählanlage verfügt der Querschnitt über eine Breite von ca. 5 m. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velofahren.

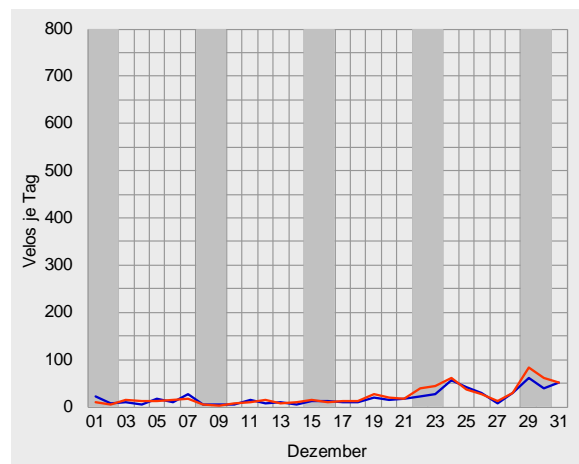
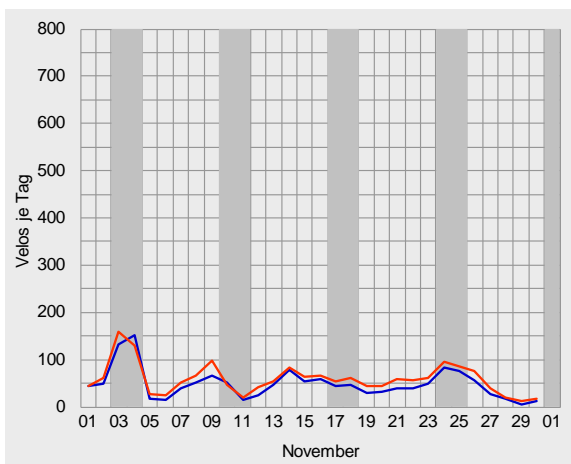
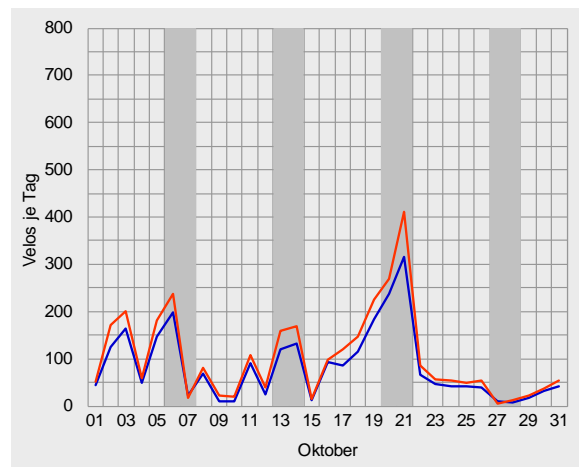
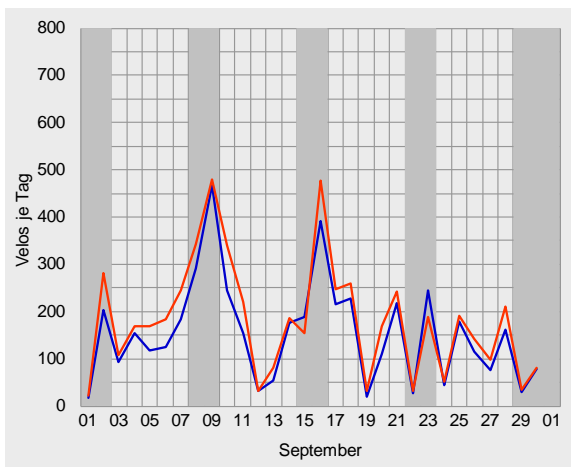
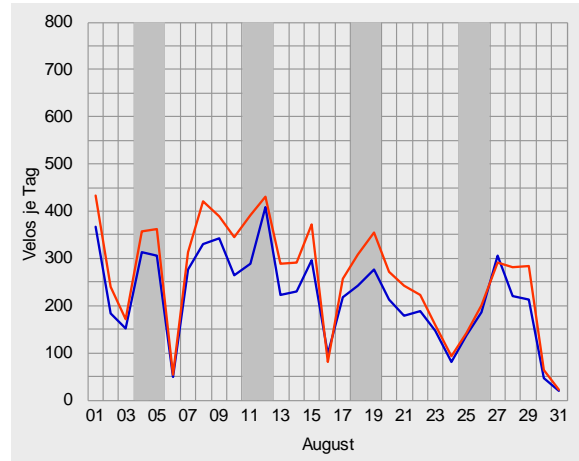
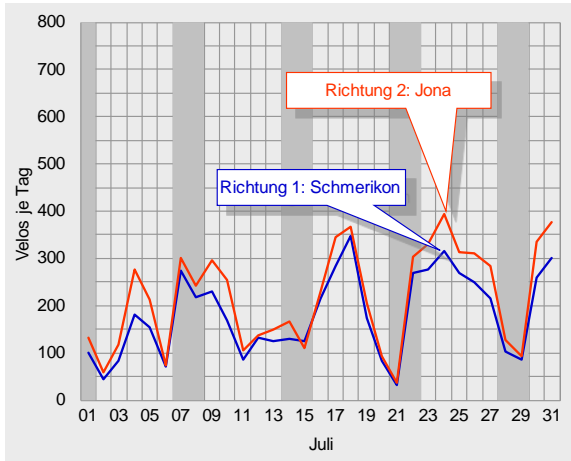


## Veloverkehrsaufkommen 2012



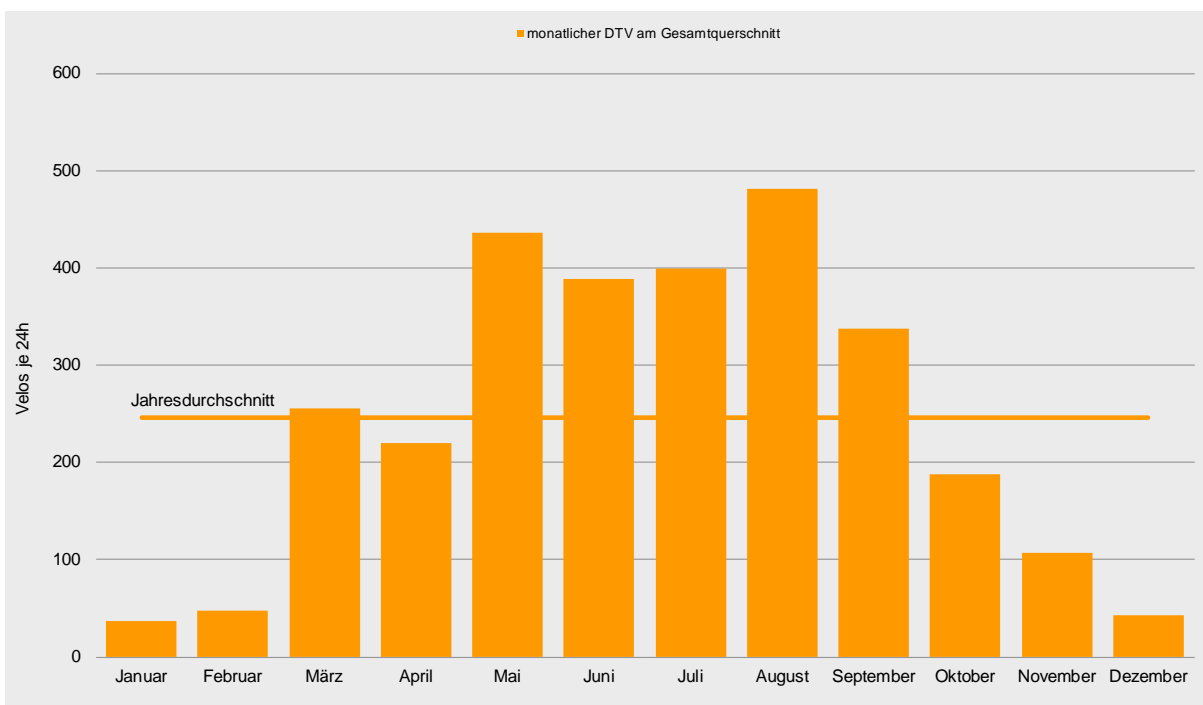
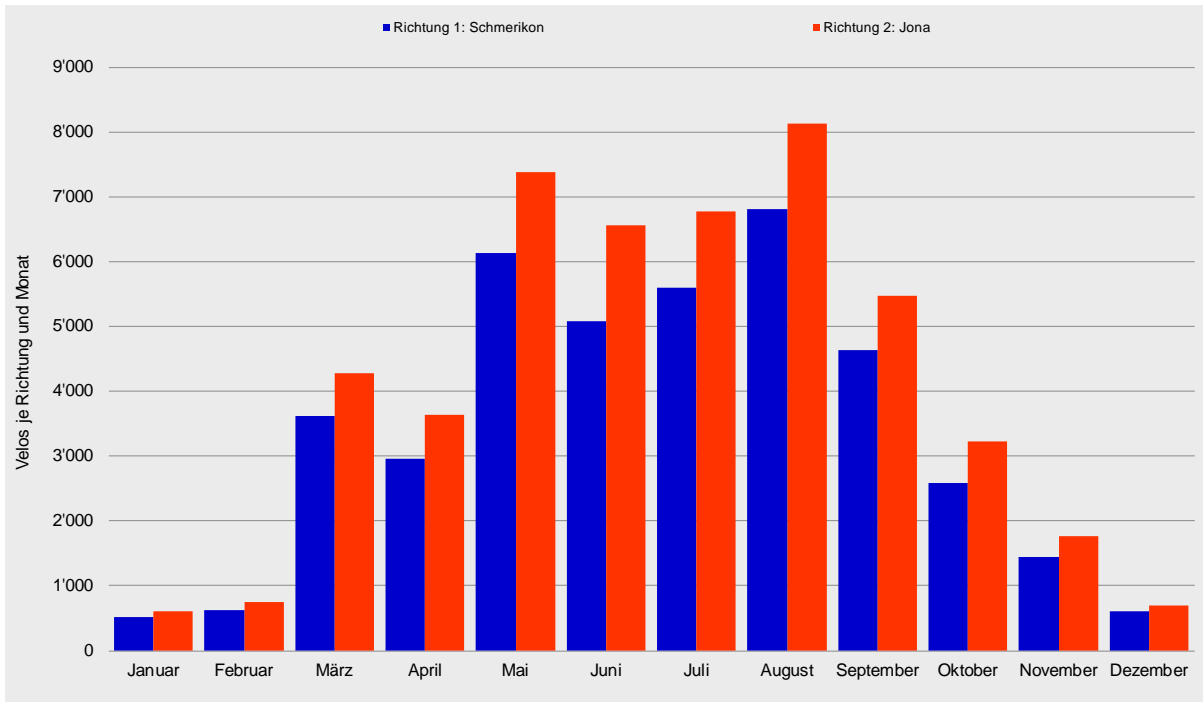


Velo-Zählanlage Schmerikon Auswertung 2012

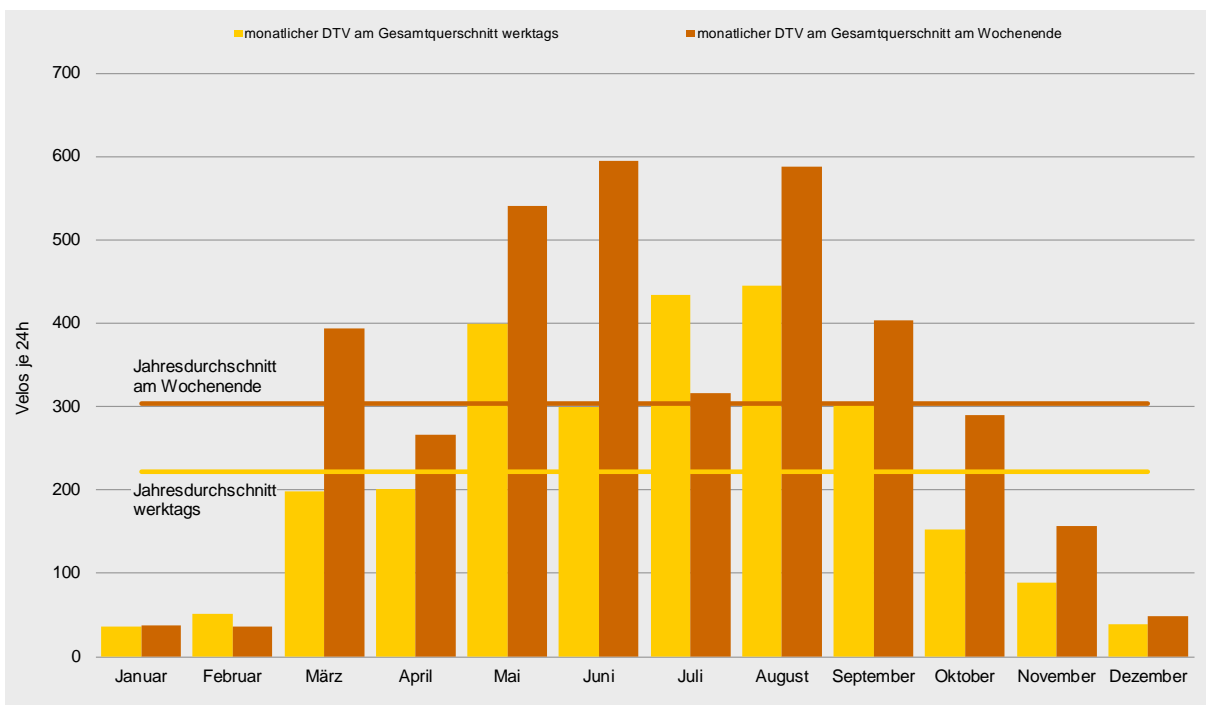
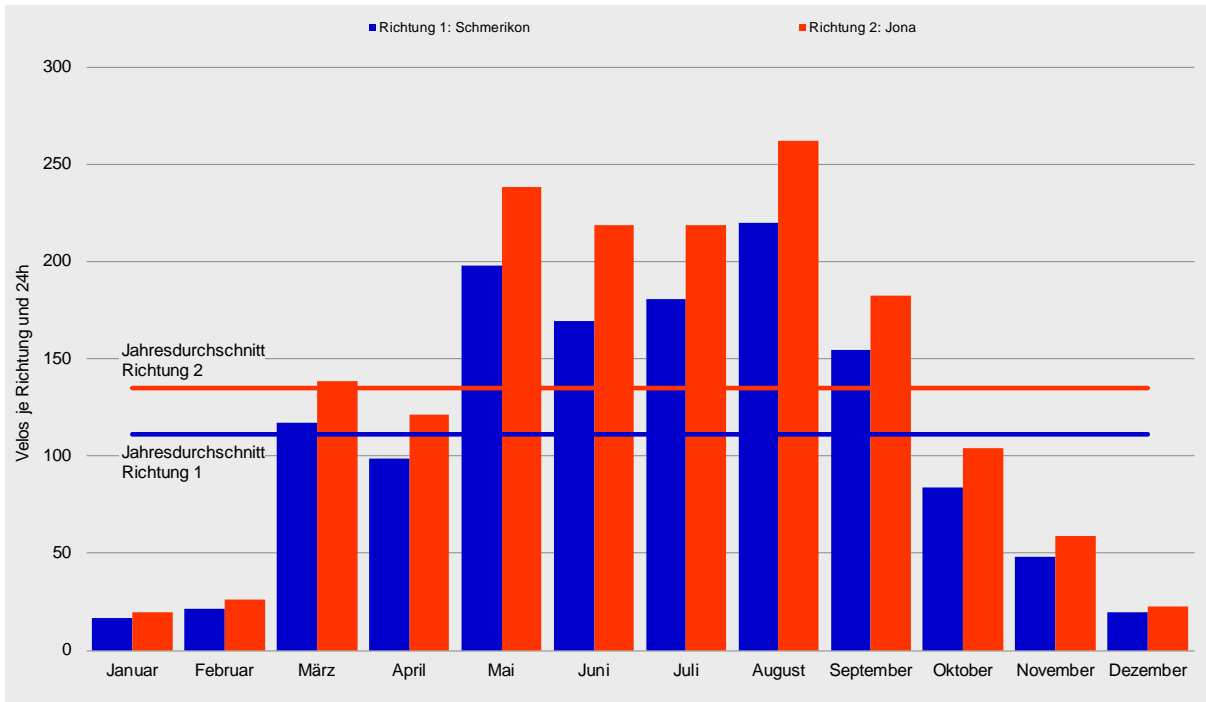




## Durchschnittlicher täglicher Veloverkehr 2012

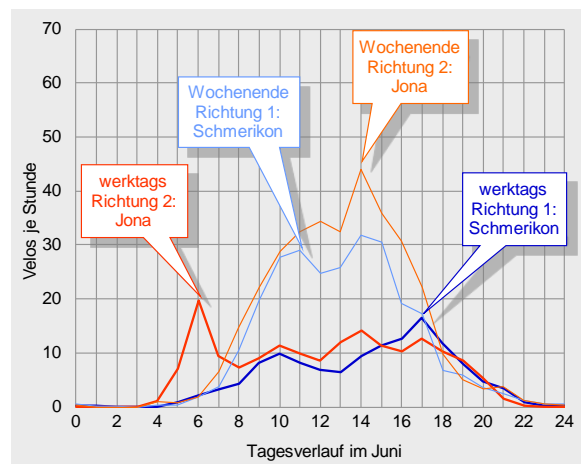
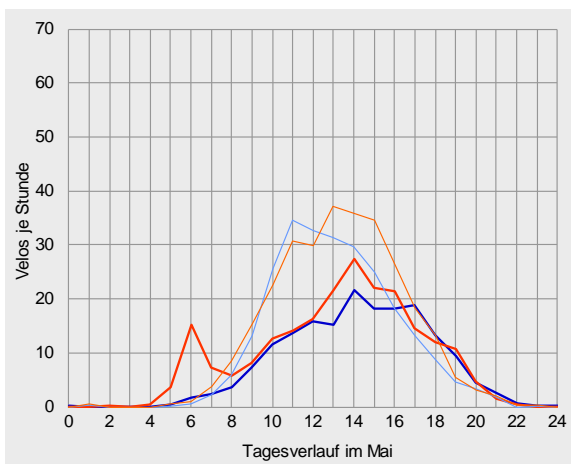
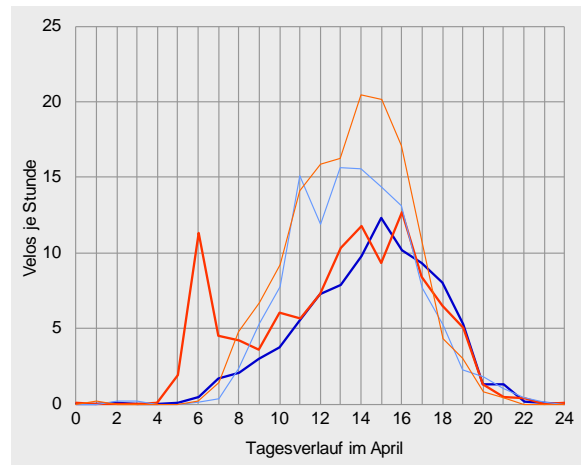
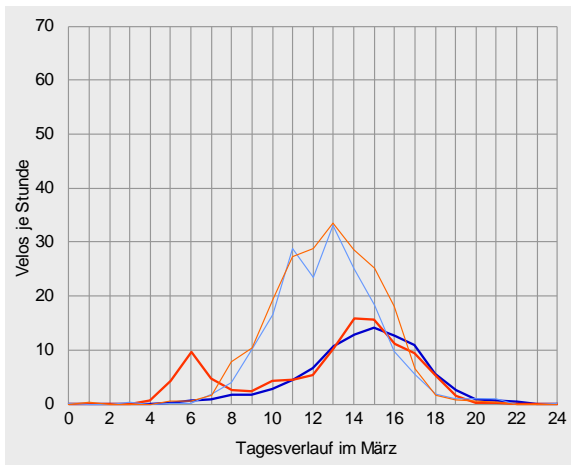
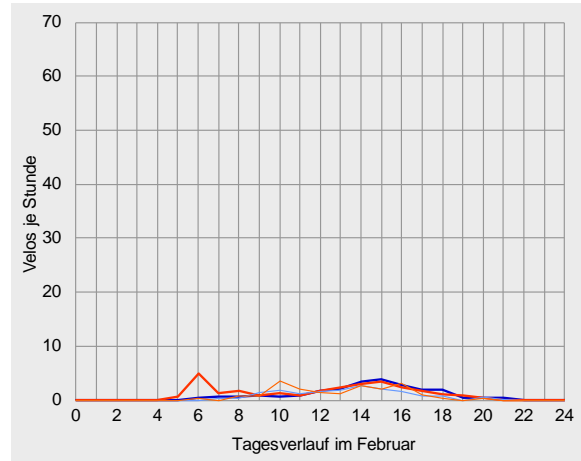
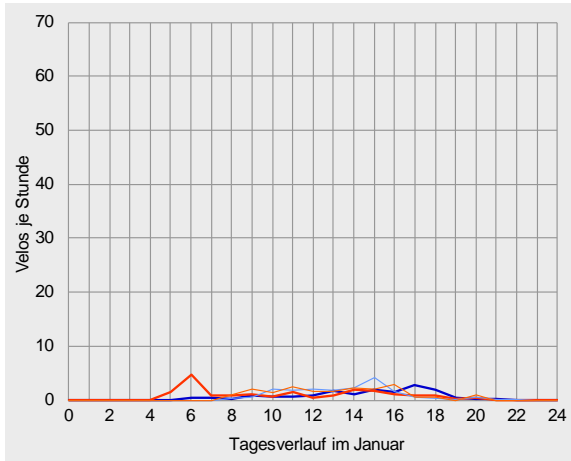






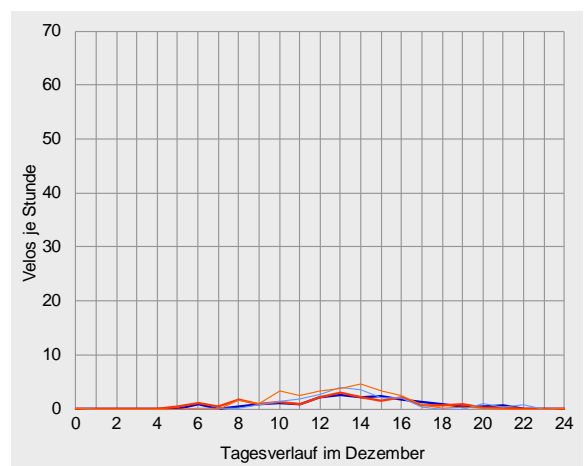
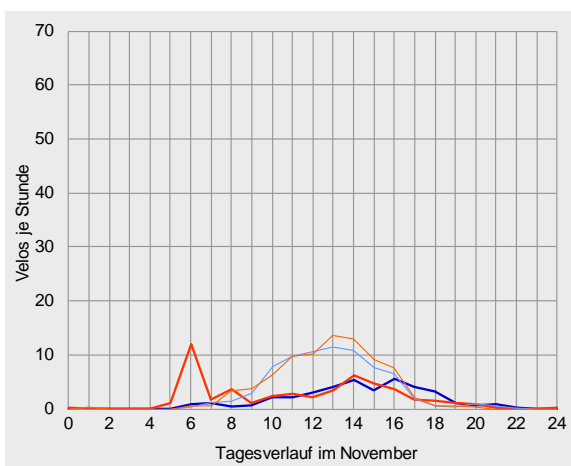
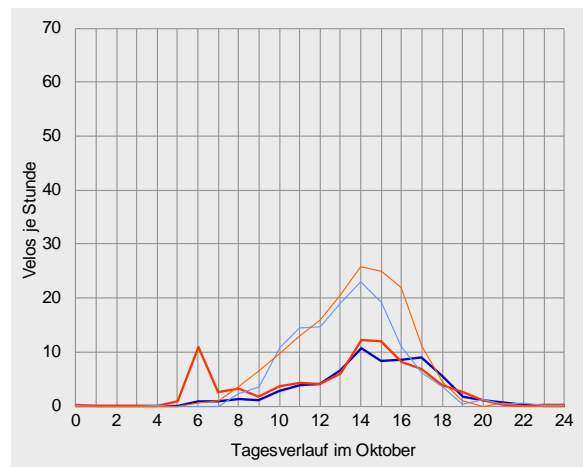
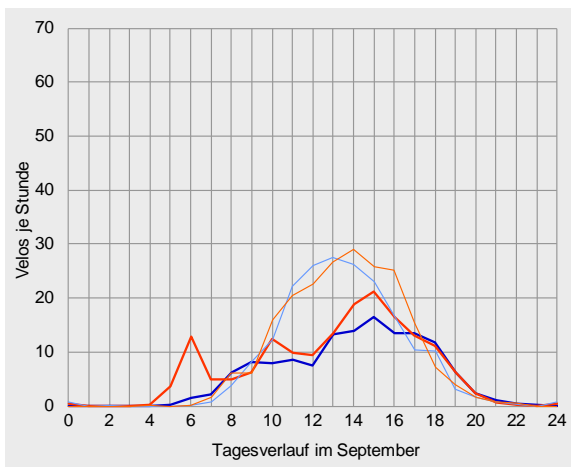
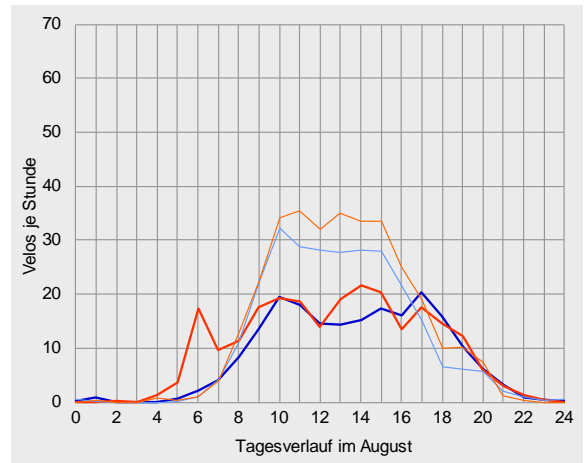
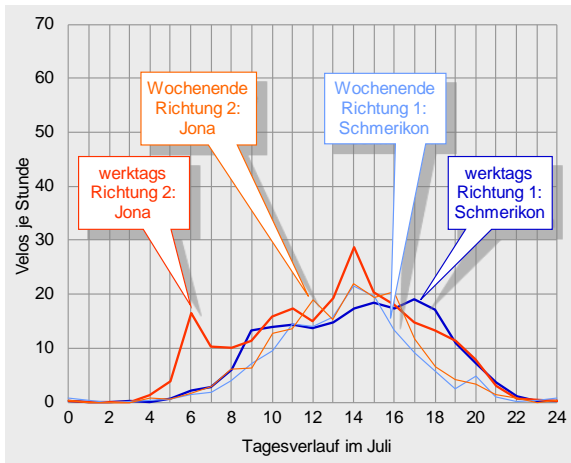


## Tagesganglinien 2012





Velo-Zählanlage Schmerikon Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Schmerikon 2012

	Richtung 1: Schmerikon			Richtung 2: Jona			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	516	1%	-30%	608	1%	-20%	1'124	1%	-25%
Februar	625	2%	-42%	750	2%	-16%	1'375	2%	-30%
März	3'625	9%	+69%	4'285	9%	+162%	7'910	9%	+109%
April	2'964	7%	-56%	3'643	7%	-55%	6'607	7%	-55%
Mai	6'136	15%	+11%	7'377	15%	+5%	13'513	15%	+8%
Juni	5'081	12%	-5%	6'558	13%	-1%	11'639	13%	-3%
Juli	5'600	14%	+7%	6'776	14%	+7%	12'376	14%	+7%
August	6'811	17%	+8%	8'123	16%	+10%	14'934	17%	+9%
September	4'641	11%	+2%	5'470	11%	-6%	10'111	11%	-3%
Oktober	2'590	6%	+8%	3'225	7%	+3%	5'815	6%	+5%
November	1'451	4%	+4%	1'758	4%	+5%	3'209	4%	+4%
Dezember	611	2%	+7%	702	1%	+2%	1'313	1%	+4%
2012	40'651	100%	-3%	49'275	100%	-1%	89'926	100%	-2%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	16	-84%	-8%	20	-84%	-1%	36	-84%	-4%
	Wochenende	18	-87%	-51%	19	-88%	-44%	37	-88%	-47%
	gesamt	17	-85%	-30%	20	-85%	-20%	36	-85%	-25%
Februar	w erktags	23	-77%	-11%	28	-77%	+12%	52	-77%	+1%
	Wochenende	17	-88%	-76%	19	-88%	-61%	36	-88%	-70%
	gesamt	22	-81%	-44%	26	-81%	-19%	47	-81%	-33%
März	w erktags	91	-9%	+32%	108	-12%	+107%	199	-11%	+65%
	Wochenende	182	+30%	+153%	212	+29%	+293%	393	+30%	+213%
	gesamt	117	+5%	+69%	138	+3%	+162%	255	+4%	+109%
April	w erktags	90	-10%	-49%	111	-10%	-48%	201	-10%	-49%
	Wochenende	120	-14%	-64%	146	-11%	-63%	266	-12%	-63%
	gesamt	99	-11%	-56%	121	-10%	-55%	220	-10%	-55%
Mai	w erktags	180	+80%	+21%	220	+79%	+13%	400	+80%	+16%
	Wochenende	251	+79%	-0%	290	+77%	-5%	541	+78%	-3%
	gesamt	198	+78%	+11%	238	+77%	+5%	436	+77%	+8%
Juni	w erktags	129	+30%	-12%	170	+39%	-7%	299	+35%	-9%
	Wochenende	263	+88%	-1%	331	+102%	+3%	595	+96%	+1%
	gesamt	169	+52%	-5%	219	+62%	-1%	388	+58%	-3%
Juli	w erktags	194	+95%	+35%	239	+95%	+35%	433	+95%	+35%
	Wochenende	148	+6%	-33%	168	+3%	-35%	316	+4%	-34%
	gesamt	181	+63%	+7%	219	+62%	+7%	399	+62%	+7%
August	w erktags	202	+103%	+7%	243	+97%	+9%	445	+100%	+8%
	Wochenende	270	+93%	+9%	318	+94%	+13%	588	+94%	+11%
	gesamt	220	+98%	+8%	262	+95%	+10%	482	+96%	+9%
September	w erktags	135	+36%	-3%	169	+37%	-7%	304	+37%	-6%
	Wochenende	194	+39%	+4%	209	+28%	-9%	403	+33%	-3%
	gesamt	155	+39%	+2%	182	+35%	-6%	337	+37%	-3%
Oktober	w erktags	67	-32%	-8%	85	-31%	-13%	152	-32%	-11%
	Wochenende	130	-7%	+52%	160	-2%	+45%	290	-4%	+48%
	gesamt	84	-25%	+8%	104	-23%	+3%	188	-24%	+5%
November	w erktags	39	-61%	-7%	50	-59%	-2%	89	-60%	-4%
	Wochenende	75	-47%	+25%	81	-50%	+18%	156	-49%	+21%
	gesamt	48	-56%	+4%	59	-56%	+5%	107	-56%	+4%
Dezember	w erktags	19	-81%	+5%	20	-83%	-9%	39	-82%	-3%
	Wochenende	21	-85%	+12%	27	-83%	+27%	49	-84%	+20%
	gesamt	20	-82%	+7%	23	-83%	+2%	42	-83%	+4%
2012	w erktags	100	0%	-0%	123	0%	+2%	222	0%	+1%
	Wochenende	140	0%	-9%	164	0%	-7%	304	0%	-8%
	gesamt	111	0%	-4%	135	0%	-2%	246	0%	-3%



Velo-Zählanlage Schmerikon Auswertung 2012

		Richtung 1: Schmerikon					Richtung 2: Jona					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	7%	36%	39%	18%	8%	33%	31%	19%	9%	5%	21%	33%	28%	13%
	Wochenende	0%	1%	58%	34%	7%	0%	5%	60%	28%	8%	0%	3%	59%	31%	7%
	gesamt	0%	5%	43%	37%	15%	6%	25%	39%	22%	9%	3%	16%	41%	29%	11%
Februar	w erktags	0%	7%	42%	37%	14%	2%	28%	35%	27%	8%	1%	19%	38%	31%	11%
	Wochenende	0%	3%	63%	25%	8%	0%	5%	61%	31%	3%	0%	4%	62%	28%	5%
	gesamt	0%	6%	46%	34%	13%	2%	24%	40%	28%	7%	1%	16%	43%	31%	9%
März	w erktags	0%	4%	43%	41%	11%	5%	16%	40%	33%	7%	3%	10%	41%	37%	9%
	Wochenende	0%	3%	76%	18%	2%	0%	5%	70%	24%	2%	0%	4%	73%	21%	2%
	gesamt	0%	3%	58%	31%	7%	3%	11%	53%	29%	4%	2%	7%	55%	30%	6%
April	w erktags	0%	5%	42%	36%	18%	2%	18%	40%	27%	12%	1%	12%	41%	31%	15%
	Wochenende	0%	2%	59%	29%	9%	0%	4%	57%	33%	6%	0%	3%	58%	31%	7%
	gesamt	0%	4%	48%	33%	15%	1%	13%	46%	29%	10%	1%	9%	47%	31%	12%
Mai	w erktags	0%	4%	47%	31%	17%	2%	13%	45%	26%	13%	1%	9%	46%	28%	15%
	Wochenende	0%	3%	66%	23%	7%	0%	5%	59%	27%	8%	0%	4%	63%	25%	8%
	gesamt	0%	4%	54%	28%	14%	2%	10%	50%	27%	12%	1%	7%	52%	27%	13%
Juni	w erktags	1%	7%	38%	31%	22%	5%	21%	38%	20%	15%	3%	15%	38%	25%	18%
	Wochenende	0%	6%	60%	25%	8%	1%	7%	59%	27%	7%	1%	7%	59%	26%	7%
	gesamt	1%	7%	48%	29%	15%	3%	15%	48%	23%	12%	2%	11%	48%	26%	13%
Juli	w erktags	1%	6%	45%	28%	21%	2%	15%	45%	22%	15%	2%	11%	45%	25%	18%
	Wochenende	1%	5%	56%	28%	10%	1%	6%	53%	31%	10%	1%	6%	54%	30%	10%
	gesamt	1%	5%	47%	28%	18%	2%	13%	47%	24%	14%	1%	10%	47%	26%	16%
August	w erktags	1%	7%	47%	27%	18%	2%	16%	45%	21%	15%	2%	12%	46%	24%	17%
	Wochenende	0%	6%	62%	24%	8%	0%	5%	61%	24%	9%	0%	6%	61%	24%	9%
	gesamt	1%	7%	52%	26%	15%	2%	13%	50%	22%	13%	1%	10%	51%	24%	14%
September	w erktags	0%	7%	44%	32%	16%	3%	14%	42%	30%	12%	2%	11%	43%	31%	14%
	Wochenende	0%	2%	63%	26%	8%	0%	4%	58%	32%	7%	0%	3%	60%	29%	7%
	gesamt	0%	5%	52%	30%	13%	2%	10%	48%	31%	10%	1%	8%	50%	30%	11%
Oktober	w erktags	0%	5%	43%	38%	14%	1%	20%	38%	32%	9%	1%	13%	40%	35%	11%
	Wochenende	0%	2%	65%	28%	5%	0%	3%	57%	36%	4%	0%	2%	61%	32%	4%
	gesamt	0%	3%	52%	34%	10%	1%	13%	45%	33%	7%	1%	9%	48%	34%	8%
November	w erktags	1%	6%	44%	34%	15%	3%	34%	35%	20%	7%	2%	22%	39%	26%	11%
	Wochenende	0%	4%	72%	21%	3%	0%	6%	70%	23%	2%	0%	5%	71%	22%	2%
	gesamt	0%	5%	55%	29%	10%	2%	24%	48%	21%	5%	1%	15%	51%	25%	8%
Dezember	w erktags	1%	8%	51%	28%	13%	3%	16%	51%	21%	9%	2%	12%	51%	25%	11%
	Wochenende	0%	2%	67%	21%	9%	1%	5%	68%	23%	3%	1%	4%	67%	22%	6%
	gesamt	1%	6%	56%	26%	11%	2%	12%	57%	22%	7%	1%	9%	57%	24%	9%
2012	w erktags	1%	6%	44%	32%	18%	3%	17%	42%	25%	13%	2%	12%	43%	28%	15%
	Wochenende	0%	4%	64%	25%	7%	0%	5%	60%	28%	6%	0%	5%	62%	27%	7%
	gesamt	0%	5%	51%	29%	14%	2%	13%	48%	26%	11%	1%	9%	50%	28%	12%
Spitzenstunde des Gesamtjahres		Velos je h      Zeitraum					Velos je h      Zeitraum					Velos je h      Zeitraum				
w erktags		11      17-18 Uhr					14      14-15 Uhr					24      14-15 Uhr				
Wochenende		18      14-15 Uhr					22      14-15 Uhr					40      14-15 Uhr				
über alle Tage 2012		13      14-15 Uhr					16      14-15 Uhr					29      14-15 Uhr				





## Velo-Zählanlage Trimmis GR (12)

### Auswertung 2012

Am Messquerschnitt in Trimmis ist sowohl Freizeit- wie auch Pendlerverkehr unterwegs. Insgesamt wurden im Jahr 2012 knapp 72'000 Velofahrende erfasst. Gegenüber dem Aufkommen im Vorjahr entspricht das einer Abnahme um 11 %. Die Fahrtrichtung 2 nach Landquart ist etwas stärker belastet als die Gegenrichtung. Hauptsaison war der Zeitraum von Mai bis August. Das durchschnittliche tägliche Veloverkehrsaufkommen betrug 196 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der frühen Nachmittagsstunden zu verzeichnen.

### Standort

Die Velo-Zählanlage Trimmis liegt im Kanton Graubünden an der Rhein-Route 2 des nationalen Velolandnetzes.

Die Zählstation befindet sich an der Rheinstrasse in unmittelbarer Nähe zum Rhein am nördlichen Ortsende von Trimmis auf dem Abschnitt zwischen Chur und Landquart.

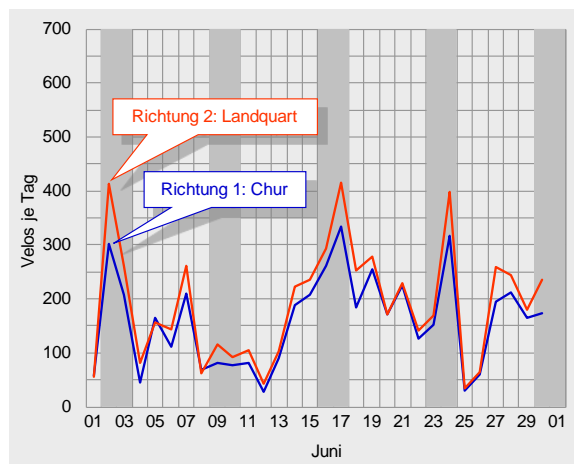
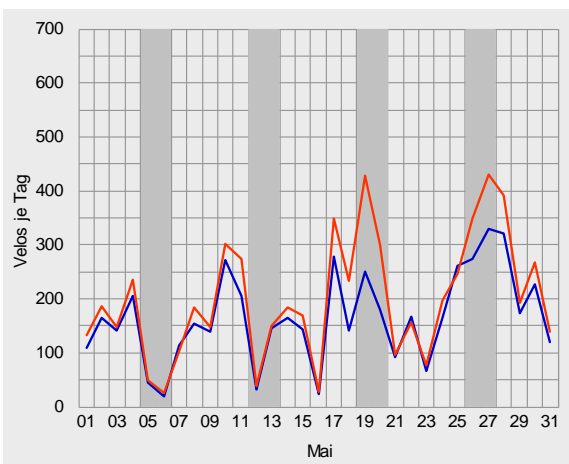
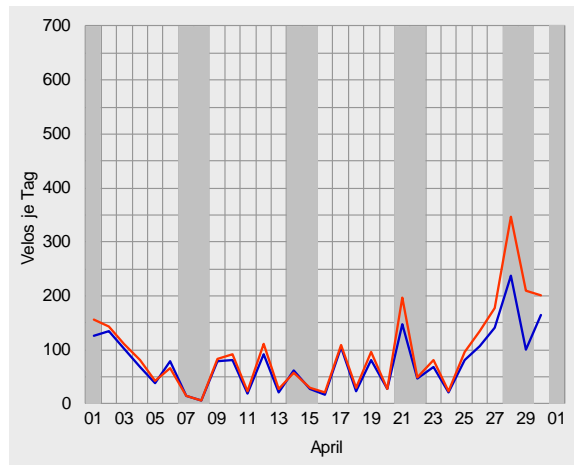
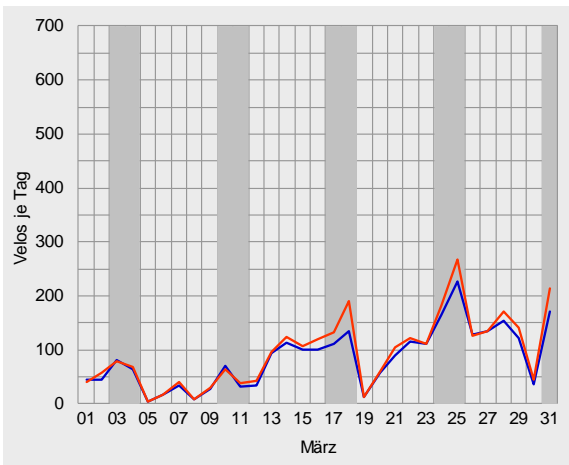
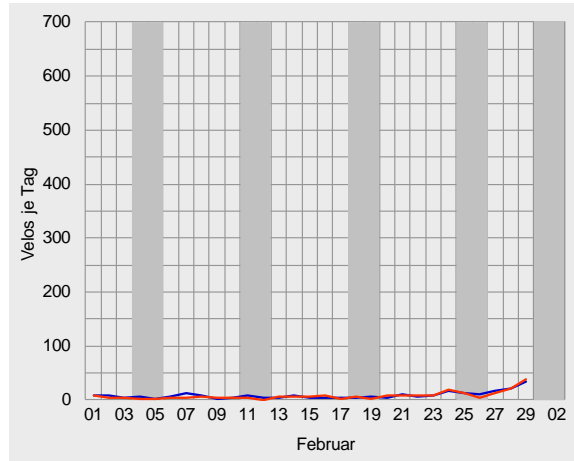
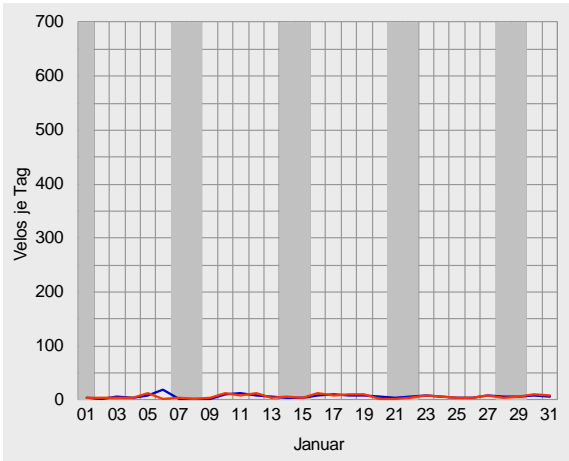
Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 14 und 15 Uhr verzeichnet, hier passierten im Durchschnitt 21 Velos den Messquerschnitt.

Die Velo-Zählanlage Trimmis hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keinerlei Datenausfälle registriert.

Der Messquerschnitt liegt an einer Industriestrasse, auf dem Motorfahrzeugverkehr zugelassen ist. In Höhe der Zählstation verfügt der Querschnitt über eine Breite von ca. 6 m. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren.



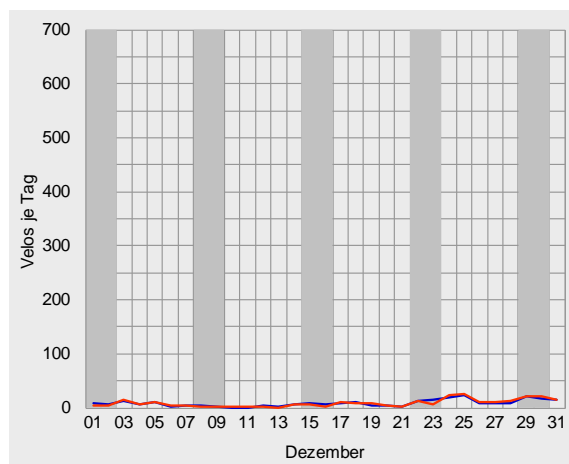
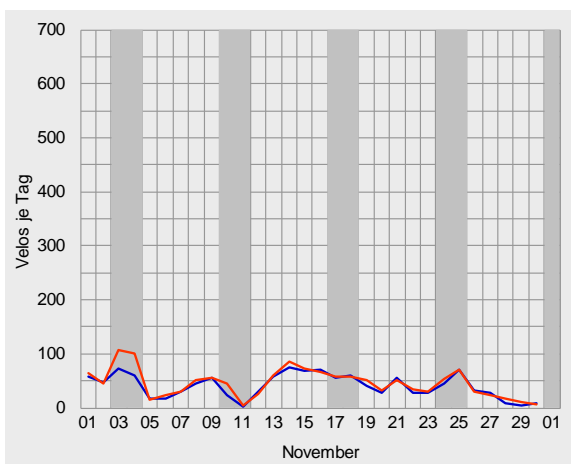
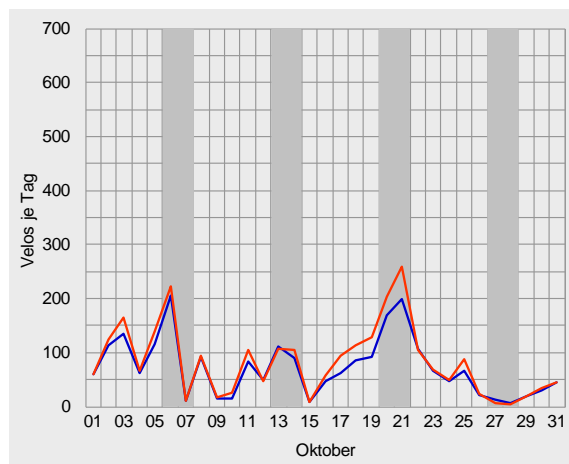
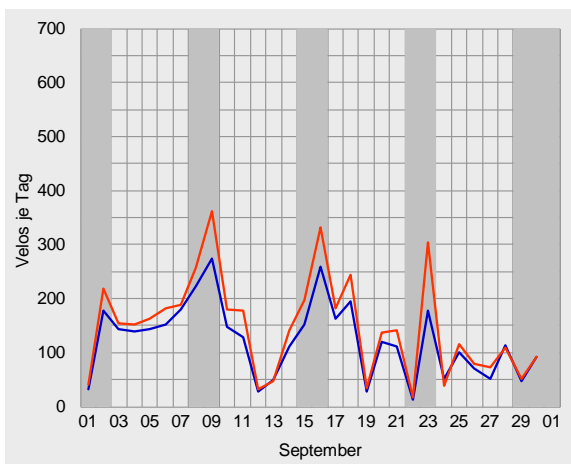
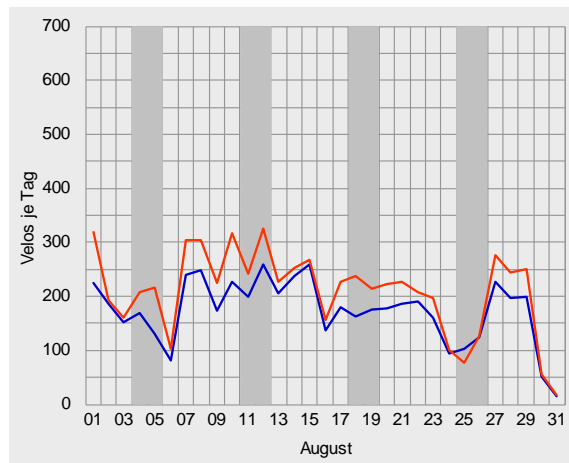
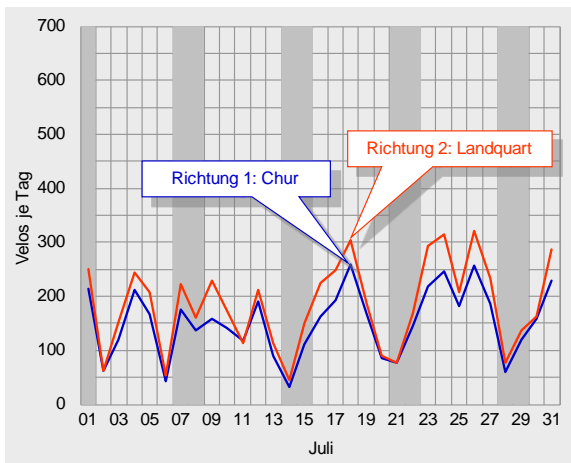
## Veloverkehrsaufkommen 2012





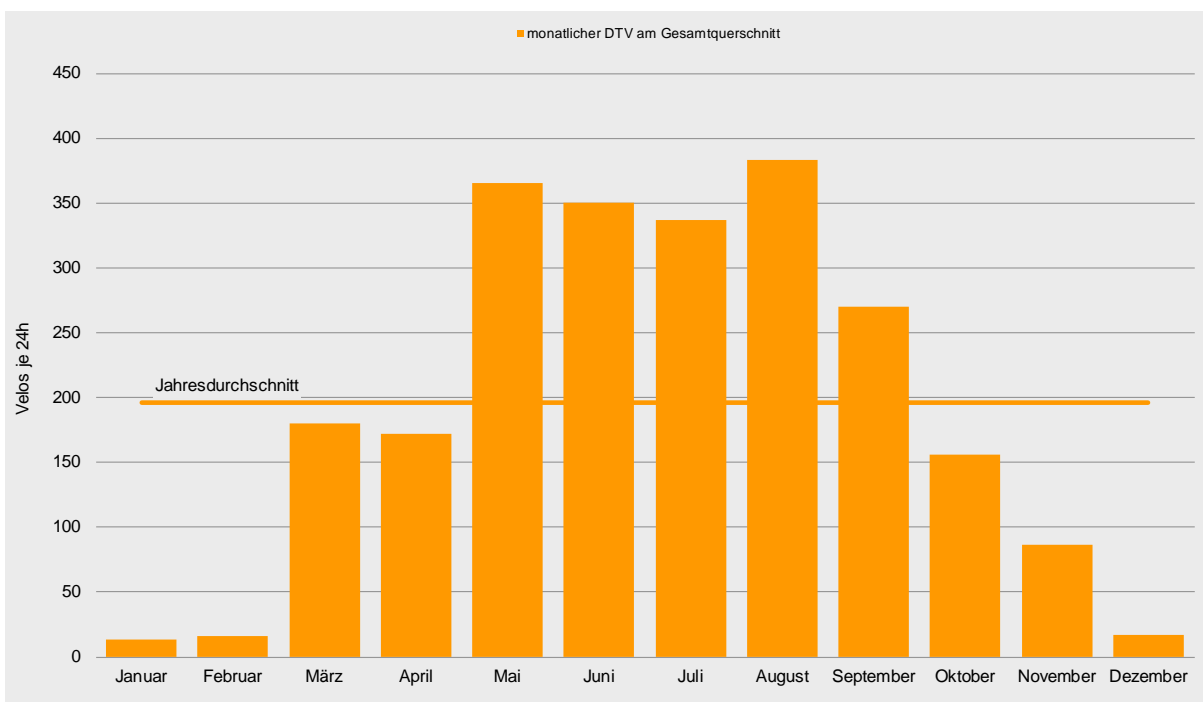
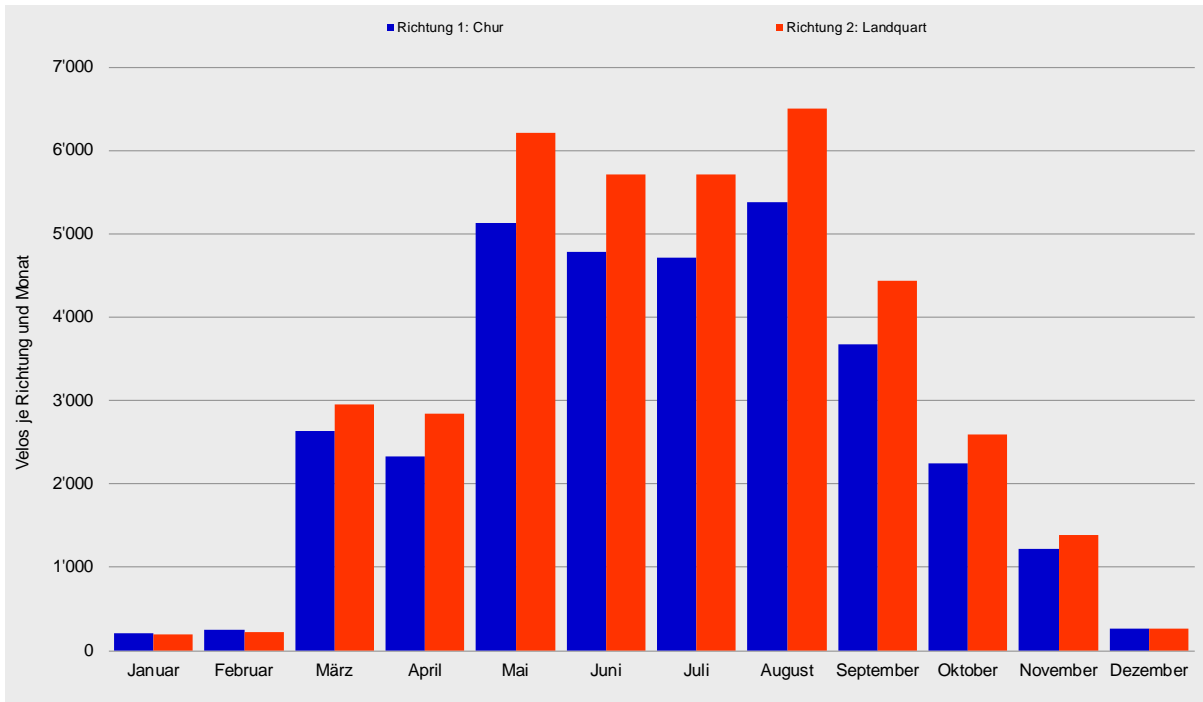


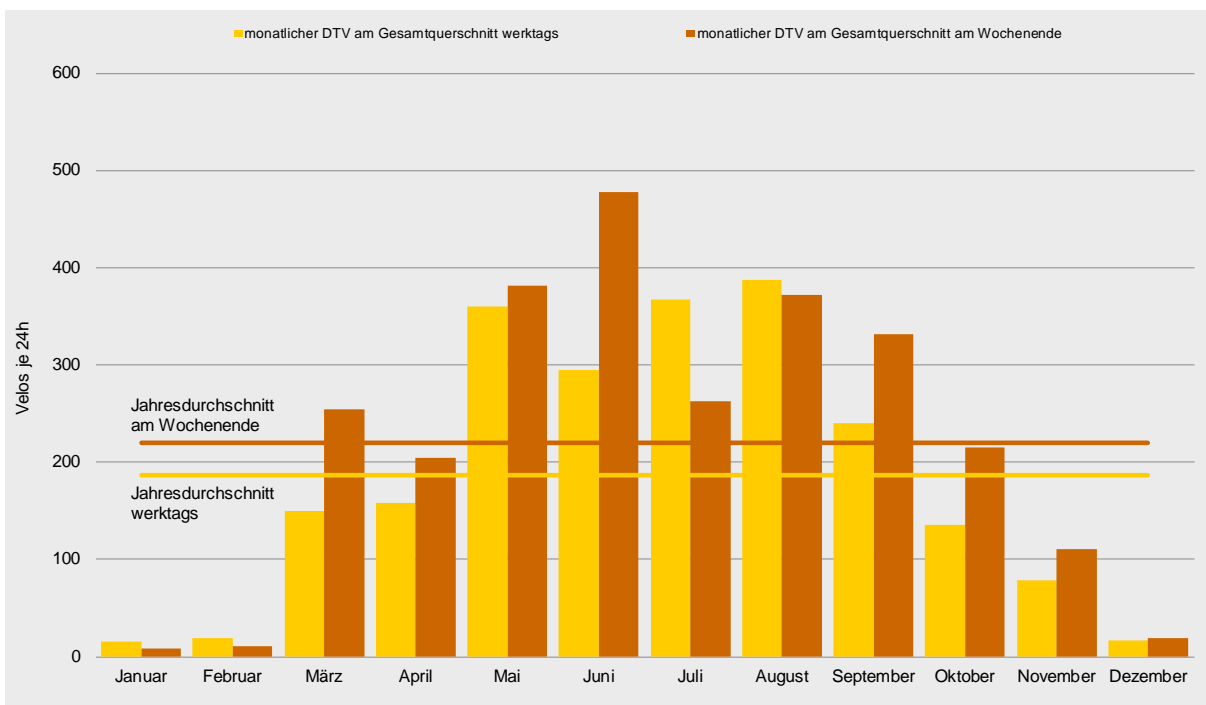
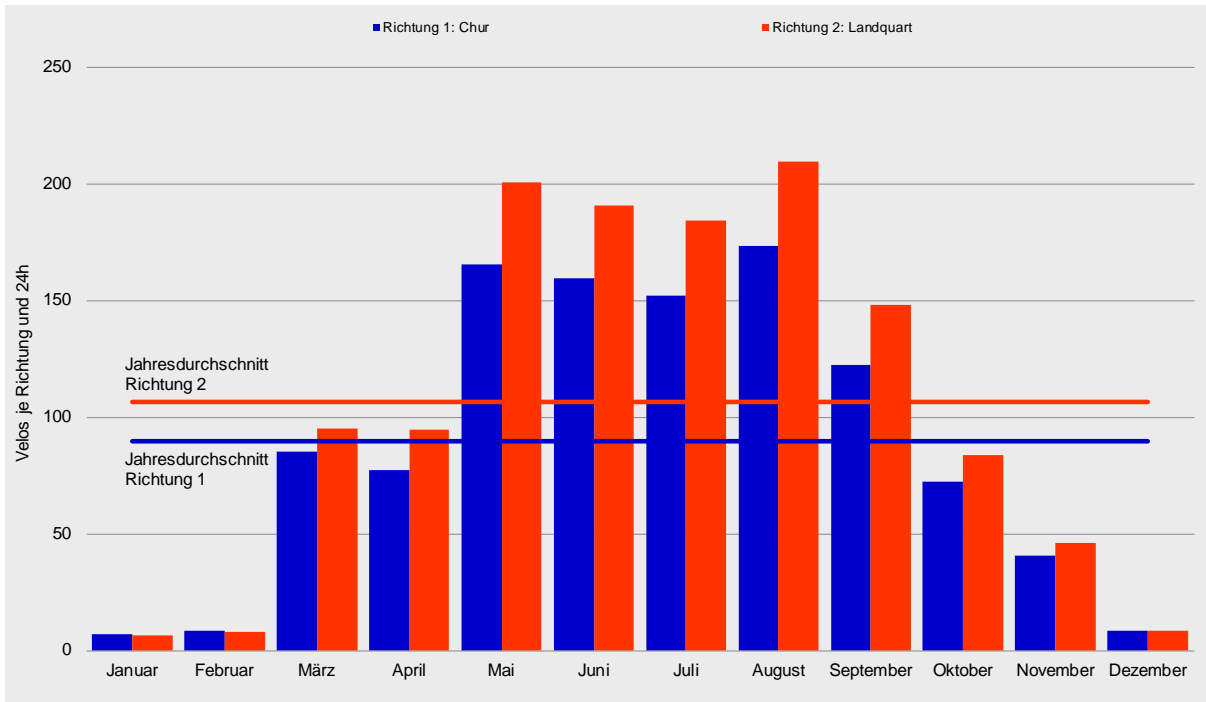
Velo-Zählanlage Trimmis Auswertung 2012





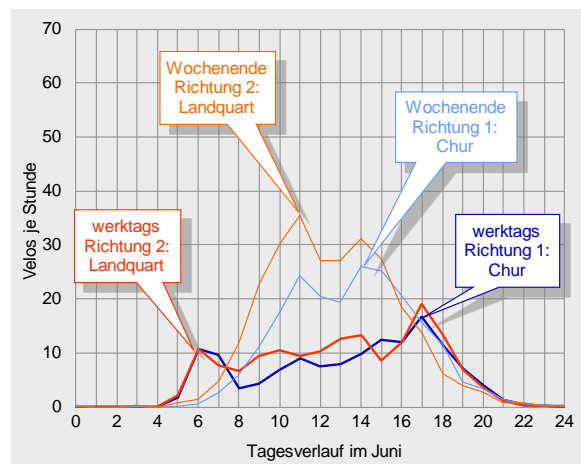
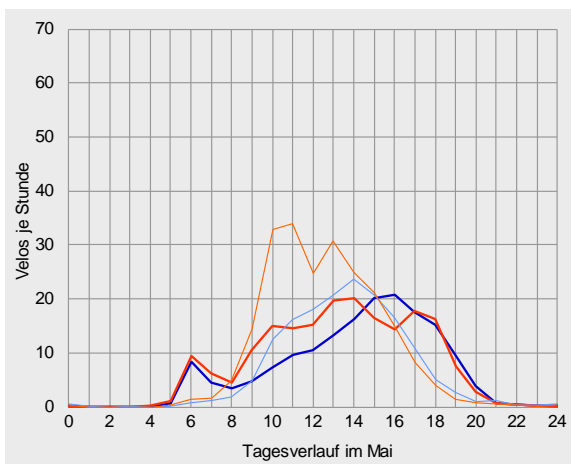
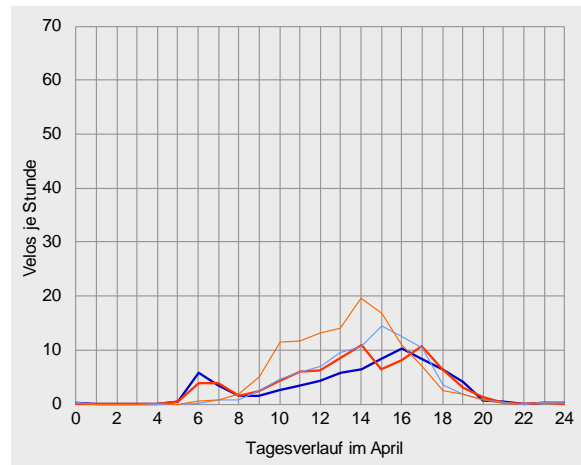
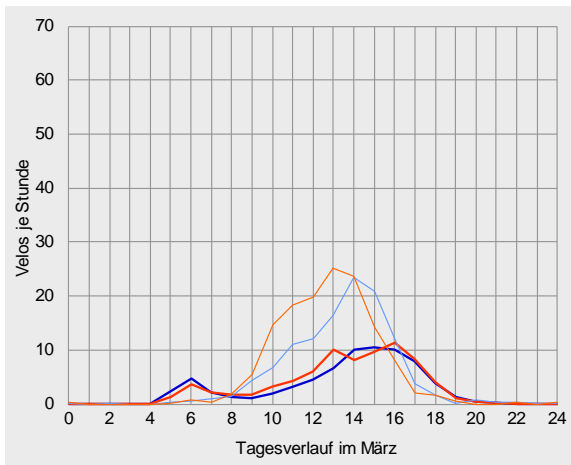
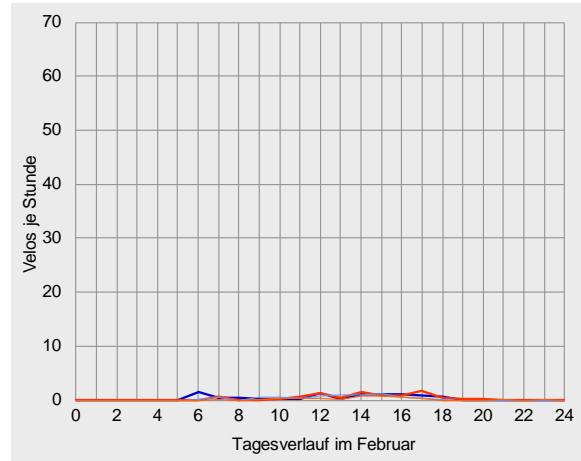
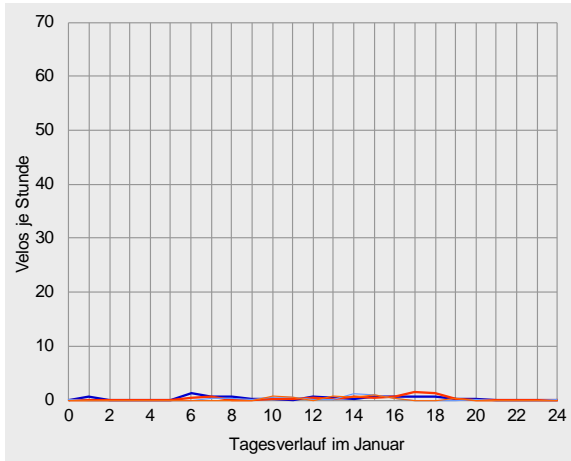
## Durchschnittlicher täglicher Veloverkehr 2012





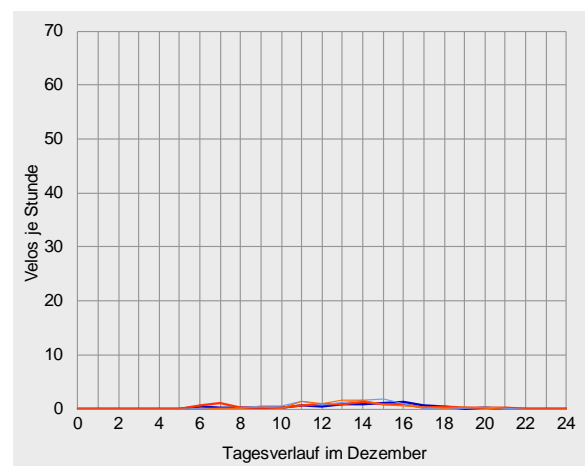
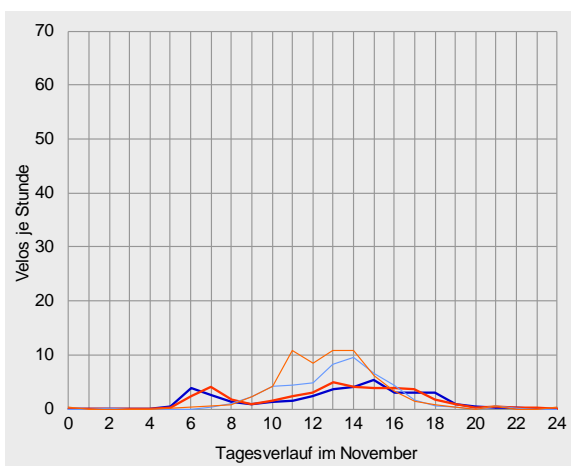
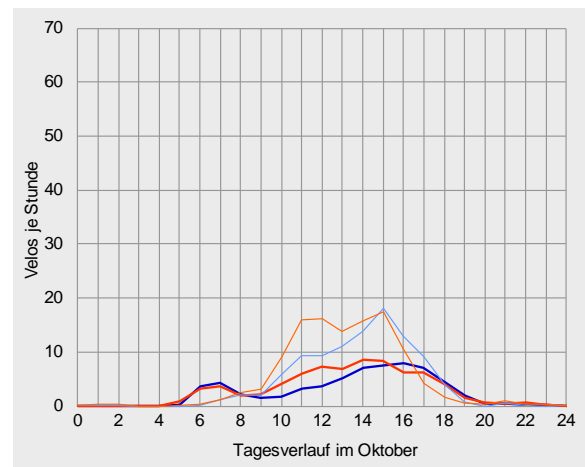
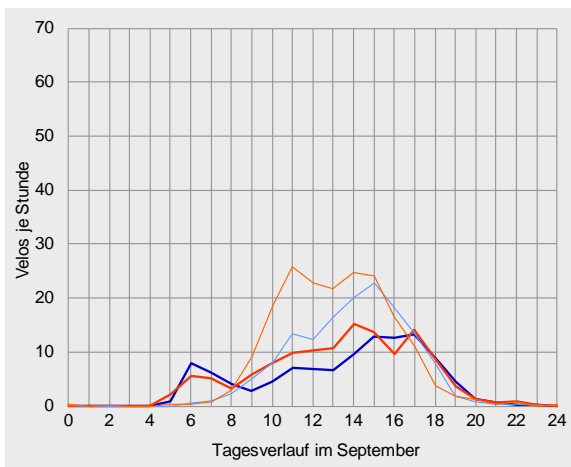
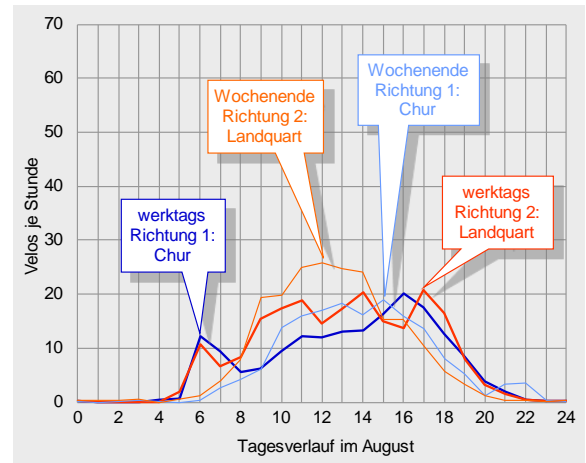
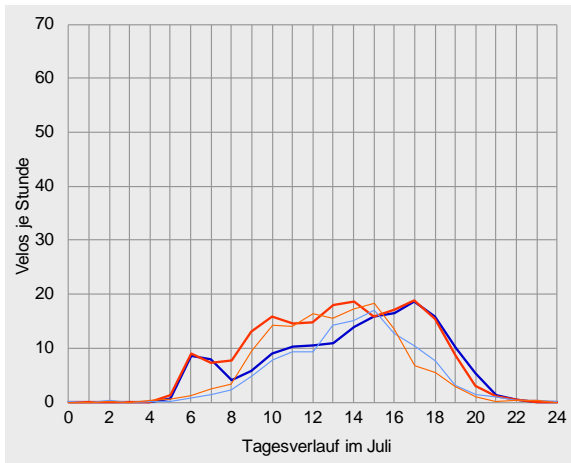


## Tagesganglinien 2012





Velo-Zählanlage Trimmis Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Trimmis 2012

	Richtung 1: Chur			Richtung 2: Landquart			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	210	1%	-63%	196	1%	-65%	406	1%	-64%
Februar	251	1%	-65%	226	1%	-69%	477	1%	-67%
März	2'635	8%	+25%	2'949	8%	+32%	5'584	8%	+29%
April	2'323	7%	-58%	2'843	7%	-58%	5'166	7%	-58%
Mai	5'127	16%	-5%	6'210	16%	-2%	11'337	16%	-3%
Juni	4'780	15%	+0%	5'716	15%	-6%	10'496	15%	-3%
Juli	4'713	14%	+5%	5'716	15%	+3%	10'429	15%	+4%
August	5'376	16%	+3%	6'499	17%	-0%	11'875	17%	+1%
September	3'672	11%	-0%	4'441	11%	-4%	8'113	11%	-2%
Oktober	2'245	7%	-7%	2'597	7%	-8%	4'842	7%	-7%
November	1'224	4%	-10%	1'380	4%	-9%	2'604	4%	-9%
Dezember	264	1%	-28%	268	1%	-34%	532	1%	-31%
2012	32'820	100%	-10%	39'041	100%	-12%	71'861	100%	-11%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	8	-91%	-51%	7	-93%	-50%	15	-92%	-50%
	Wochenende	4	-95%	-82%	4	-97%	-84%	8	-96%	-83%
	gesamt	7	-92%	-63%	6	-94%	-65%	13	-93%	-64%
Februar	w erktags	9	-89%	-58%	9	-91%	-59%	19	-90%	-59%
	Wochenende	7	-93%	-80%	4	-97%	-88%	11	-95%	-84%
	gesamt	9	-90%	-66%	8	-93%	-70%	16	-92%	-68%
März	w erktags	72	-17%	+8%	78	-22%	+17%	150	-20%	+12%
	Wochenende	117	+20%	+63%	137	+12%	+58%	254	+16%	+60%
	gesamt	85	-5%	+25%	95	-11%	+32%	180	-8%	+29%
April	w erktags	74	-15%	-48%	85	-16%	-50%	158	-15%	-49%
	Wochenende	86	-12%	-70%	119	-3%	-67%	204	-7%	-68%
	gesamt	77	-14%	-58%	95	-11%	-58%	172	-12%	-58%
Mai	w erktags	167	+94%	+9%	193	+92%	+12%	360	+93%	+11%
	Wochenende	160	+64%	-29%	221	+81%	-22%	381	+73%	-25%
	gesamt	165	+84%	-5%	200	+88%	-2%	366	+86%	-3%
Juni	w erktags	137	+58%	-7%	158	+58%	-13%	295	+58%	-10%
	Wochenende	212	+117%	+10%	266	+118%	+4%	478	+117%	+7%
	gesamt	159	+78%	+0%	191	+79%	-6%	350	+78%	-3%
Juli	w erktags	166	+91%	+24%	201	+101%	+23%	367	+96%	+24%
	Wochenende	119	+22%	-29%	143	+17%	-33%	262	+19%	-31%
	gesamt	152	+70%	+5%	184	+73%	+3%	336	+71%	+4%
August	w erktags	176	+104%	+5%	211	+110%	+3%	387	+107%	+4%
	Wochenende	166	+70%	-4%	206	+68%	-9%	371	+69%	-7%
	gesamt	173	+93%	+3%	210	+97%	-0%	383	+95%	+1%
September	w erktags	111	+29%	-3%	129	+28%	-6%	240	+28%	-4%
	Wochenende	145	+48%	-1%	187	+53%	-8%	332	+51%	-5%
	gesamt	122	+36%	-0%	148	+39%	-4%	270	+38%	-2%
Oktober	w erktags	63	-28%	-9%	73	-27%	-7%	136	-27%	-8%
	Wochenende	101	+3%	+5%	115	-6%	-1%	215	-2%	+2%
	gesamt	72	-19%	-7%	84	-21%	-8%	156	-20%	-7%
November	w erktags	38	-56%	-14%	40	-60%	-17%	78	-58%	-15%
	Wochenende	49	-50%	+1%	62	-49%	+8%	111	-49%	+5%
	gesamt	41	-55%	-10%	46	-57%	-9%	87	-56%	-9%
Dezember	w erktags	8	-91%	-29%	9	-91%	-31%	17	-91%	-30%
	Wochenende	10	-90%	-27%	8	-93%	-42%	19	-92%	-35%
	gesamt	9	-91%	-28%	9	-92%	-34%	17	-91%	-31%
2012	w erktags	87	0%	-5%	100	0%	-6%	187	0%	-6%
	Wochenende	98	0%	-21%	122	0%	-21%	220	0%	-21%
	gesamt	90	0%	-11%	107	0%	-12%	196	0%	-11%



Velo-Zählanlage Trimmis Auswertung 2012

		Richtung 1: Chur					Richtung 2: Landquart					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	10%	31%	23%	23%	13%	1%	14%	27%	36%	22%	5%	23%	25%	29%	17%
	Wochenende	3%	13%	55%	28%	3%	0%	0%	60%	34%	6%	1%	7%	57%	31%	4%
	gesamt	9%	28%	29%	24%	11%	1%	12%	33%	36%	19%	5%	20%	31%	30%	15%
Februar	w erktags	0%	26%	33%	31%	10%	0%	8%	45%	36%	11%	0%	17%	39%	34%	10%
	Wochenende	0%	9%	58%	30%	2%	0%	3%	48%	42%	6%	0%	7%	55%	35%	3%
	gesamt	0%	23%	38%	31%	8%	0%	8%	46%	37%	10%	0%	16%	42%	34%	9%
März	w erktags	4%	11%	38%	40%	8%	2%	10%	43%	38%	8%	3%	10%	40%	39%	8%
	Wochenende	0%	2%	63%	31%	2%	0%	2%	78%	18%	2%	0%	2%	71%	24%	2%
	gesamt	2%	8%	48%	36%	6%	1%	7%	58%	29%	5%	2%	7%	53%	33%	5%
April	w erktags	1%	15%	32%	36%	16%	1%	11%	45%	30%	13%	1%	13%	39%	33%	14%
	Wochenende	0%	2%	47%	44%	7%	0%	3%	63%	29%	5%	0%	2%	56%	35%	6%
	gesamt	1%	10%	37%	39%	13%	1%	8%	52%	30%	10%	1%	9%	45%	34%	11%
Mai	w erktags	1%	10%	37%	35%	18%	1%	10%	49%	25%	14%	1%	10%	44%	30%	16%
	Wochenende	1%	2%	60%	30%	7%	0%	4%	73%	20%	3%	0%	3%	68%	24%	5%
	gesamt	1%	8%	43%	34%	15%	1%	8%	56%	24%	11%	1%	8%	50%	28%	13%
Juni	w erktags	1%	17%	33%	30%	18%	1%	16%	41%	25%	16%	1%	17%	38%	27%	17%
	Wochenende	0%	4%	56%	29%	10%	0%	7%	65%	22%	5%	0%	6%	61%	25%	7%
	gesamt	1%	12%	42%	30%	15%	1%	12%	51%	24%	12%	1%	12%	47%	26%	13%
Juli	w erktags	0%	12%	37%	31%	20%	1%	12%	47%	26%	14%	1%	12%	42%	28%	17%
	Wochenende	0%	4%	51%	34%	11%	1%	5%	61%	27%	7%	1%	4%	56%	30%	9%
	gesamt	0%	10%	40%	32%	18%	1%	10%	50%	26%	13%	1%	10%	45%	29%	15%
August	w erktags	1%	15%	38%	31%	16%	1%	12%	49%	23%	14%	1%	14%	44%	27%	15%
	Wochenende	0%	4%	53%	29%	13%	1%	6%	67%	20%	5%	1%	5%	61%	24%	9%
	gesamt	1%	13%	41%	30%	15%	1%	11%	54%	23%	12%	1%	12%	48%	26%	13%
September	w erktags	1%	17%	34%	35%	14%	2%	11%	46%	29%	12%	1%	13%	40%	32%	13%
	Wochenende	0%	3%	52%	38%	8%	0%	2%	66%	28%	4%	0%	2%	60%	32%	6%
	gesamt	1%	11%	41%	36%	12%	1%	7%	54%	28%	9%	1%	9%	48%	32%	10%
Oktober	w erktags	0%	16%	36%	36%	12%	1%	12%	48%	28%	10%	1%	14%	43%	32%	11%
	Wochenende	0%	3%	51%	40%	5%	1%	3%	64%	28%	3%	1%	3%	58%	33%	4%
	gesamt	0%	11%	42%	37%	10%	1%	9%	54%	28%	8%	1%	10%	48%	32%	9%
November	w erktags	1%	20%	37%	30%	12%	1%	20%	42%	28%	9%	1%	20%	39%	29%	10%
	Wochenende	0%	3%	68%	26%	3%	1%	3%	76%	18%	3%	1%	3%	73%	21%	3%
	gesamt	1%	14%	47%	29%	9%	1%	14%	54%	24%	7%	1%	14%	51%	26%	8%
Dezember	w erktags	0%	10%	41%	37%	12%	0%	22%	45%	23%	11%	0%	16%	43%	30%	11%
	Wochenende	0%	4%	58%	31%	7%	0%	2%	71%	19%	7%	0%	3%	64%	25%	7%
	gesamt	0%	8%	48%	35%	10%	0%	16%	53%	22%	10%	0%	12%	50%	28%	10%
2012	w erktags	1%	14%	36%	33%	16%	1%	12%	46%	27%	13%	1%	13%	41%	30%	14%
	Wochenende	0%	3%	55%	33%	8%	0%	4%	68%	23%	4%	0%	4%	62%	28%	6%
	gesamt	1%	11%	42%	33%	13%	1%	10%	53%	26%	10%	1%	10%	48%	29%	12%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		10		16-17 Uhr		10		14-15 Uhr		20		17-18 Uhr				
Wochenende		14		15-16 Uhr		16		14-15 Uhr		30		14-15 Uhr				
über alle Tage 2012		11		15-16 Uhr		12		14-15 Uhr		21		14-15 Uhr				







## Compteur de Sion VS (14)

### Dépouillement pour 2012

Cette section de comptage est une très bonne illustration d'un itinéraire de «La Suisse à vélo» qui sert avant tout au trafic des loisirs. On y trouve de nombreux cyclistes en excursion d'une journée ou en voyage de plusieurs jours qui parcourent la vallée du Rhône.

Le compteur a enregistré au total presque 105'000 cyclistes pendant l'année 2012, soit un plus de 3 % que l'année précédente. La haute saison de cette section s'est répartie entre mai et septembre.

### Emplacement

Ce compteur automatique est situé dans le canton du Valais sur la Route du Rhône (route 1), l'un des neuf itinéraires nationaux de «La Suisse à vélo».

Il est placé dans un passage sous l'autoroute A9 au nord de la localité sédunoise de Bramois entre Brigue et Lausanne.

La distinction entre les directions montre une prédominance vers Lausanne, c'est-à-dire d'est en ouest. Le trafic journalier moyen a été de 286 vélos.

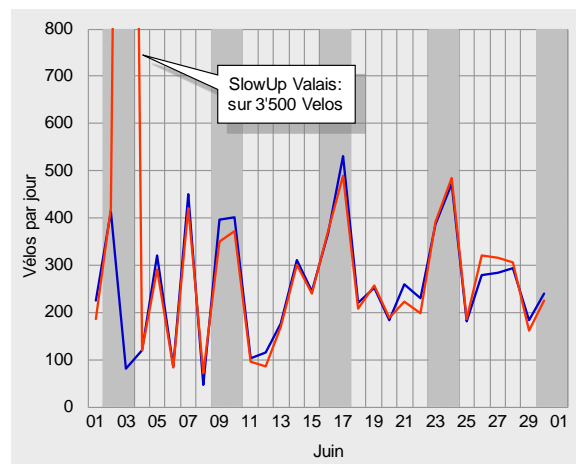
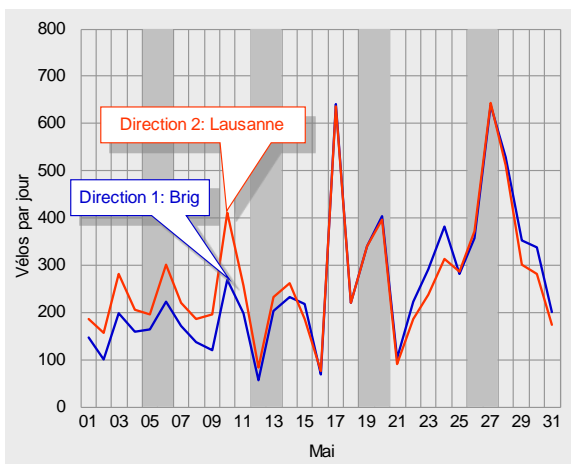
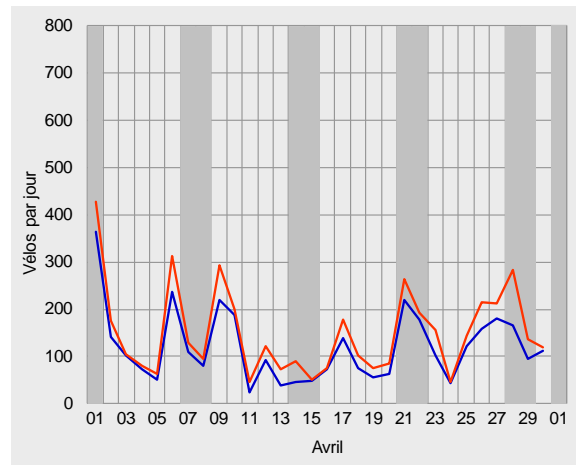
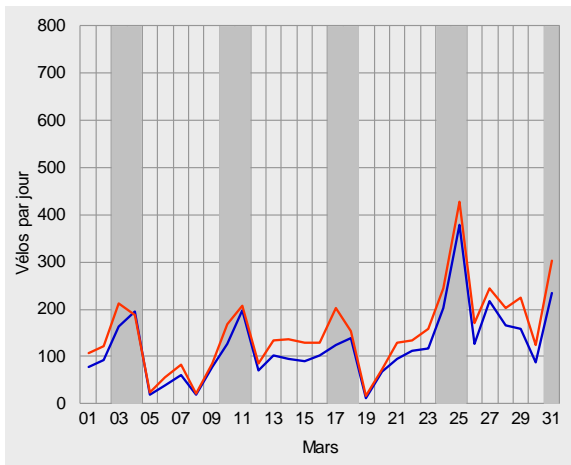
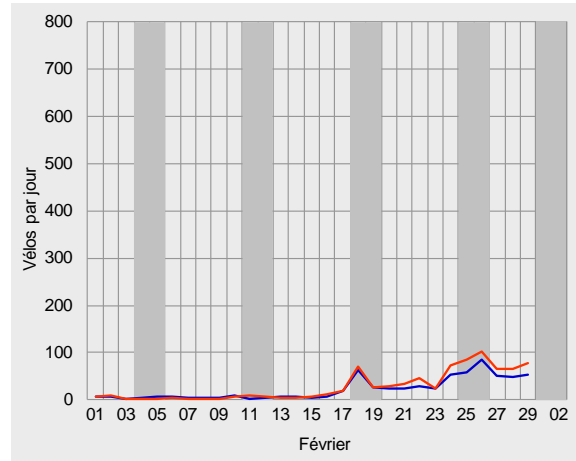
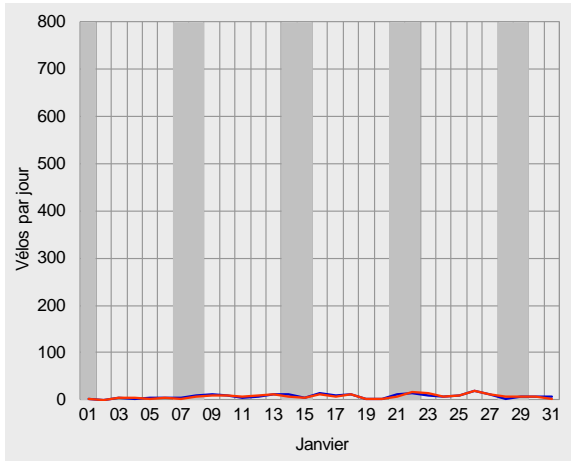
La fréquentation principale d'un jour moyen est enregistrée dans l'après-midi. Sur l'ensemble de l'année, la charge horaire moyenne la plus élevée a été entre 14 et 15 heures avec 31 vélos.

Le compteur de Sion a enregistré les données en continu pendant toute l'année. . A part une brève interruption à fin octobre en raison d'une panne de courant, Il n'y a pas eu d'autres pertes de données enregistrées.

Il s'agit d'une piste cyclable sans trafic automobile. Sa largeur est d'environ 6 mètres au droit du compteur. Elle est revêtue et plate. Elle offre donc des conditions idéales pour le vélo mais aussi pour d'autres activités sportives telles que le roller et le jogging.

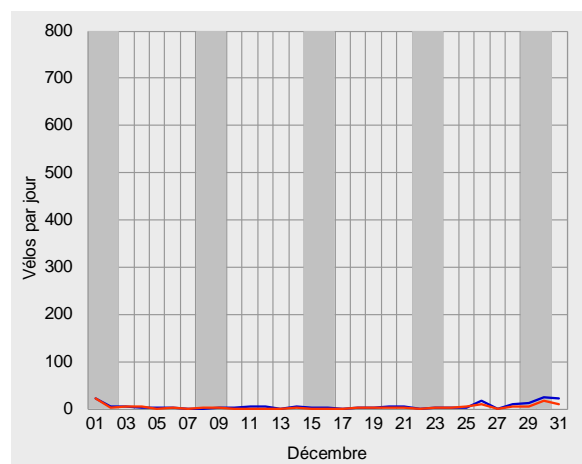
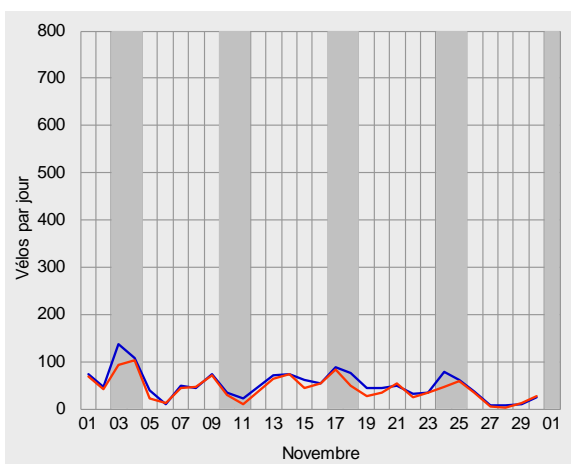
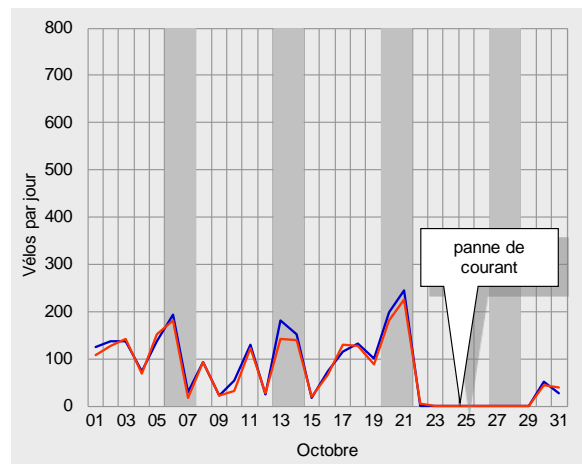
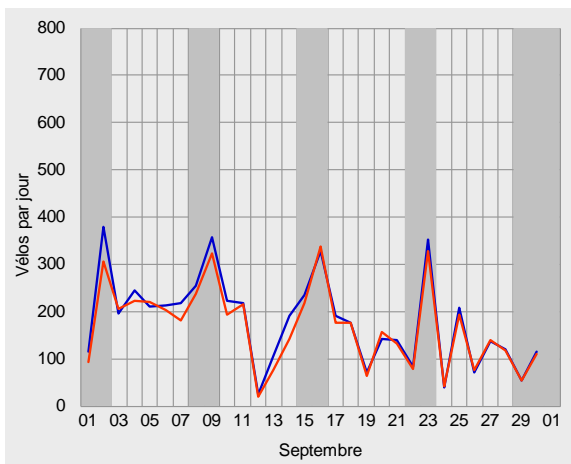
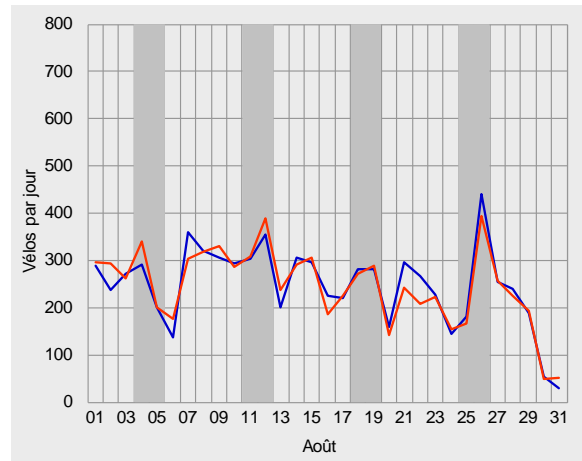
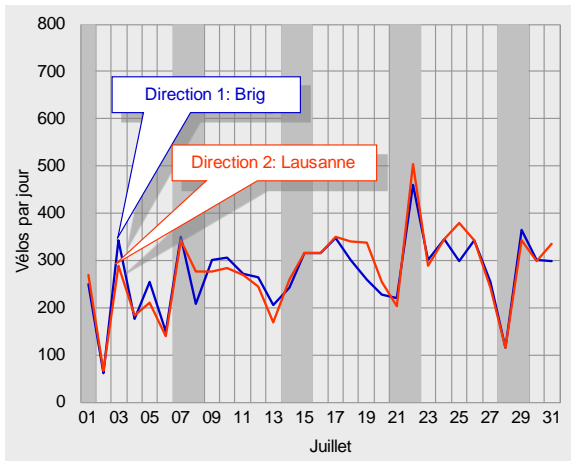


## Trafic par jour, mois et direction en 2012



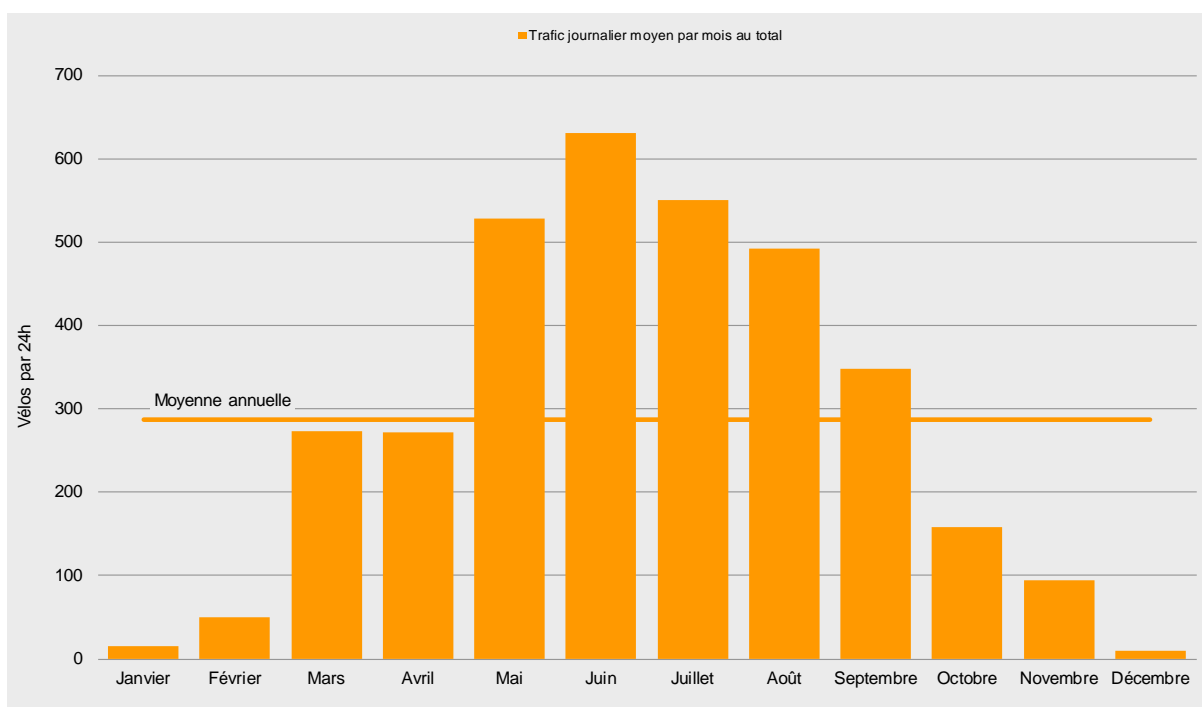
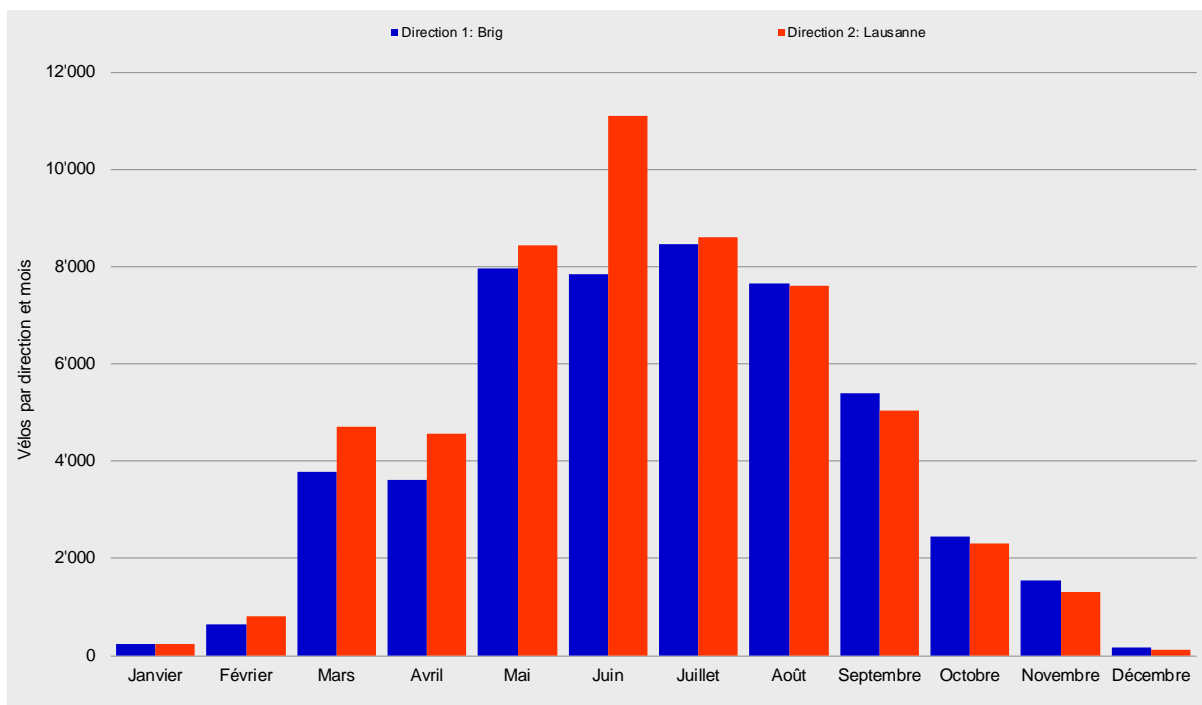


Compteur de Sion, dépouillement pour 2012



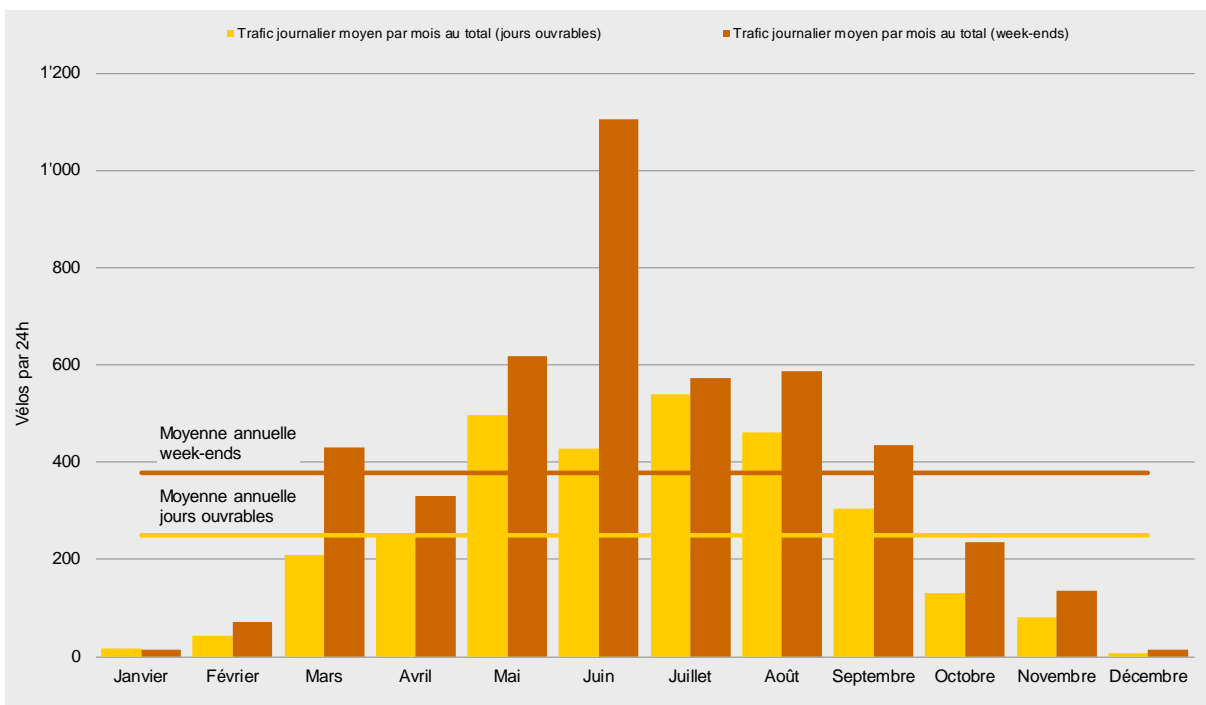
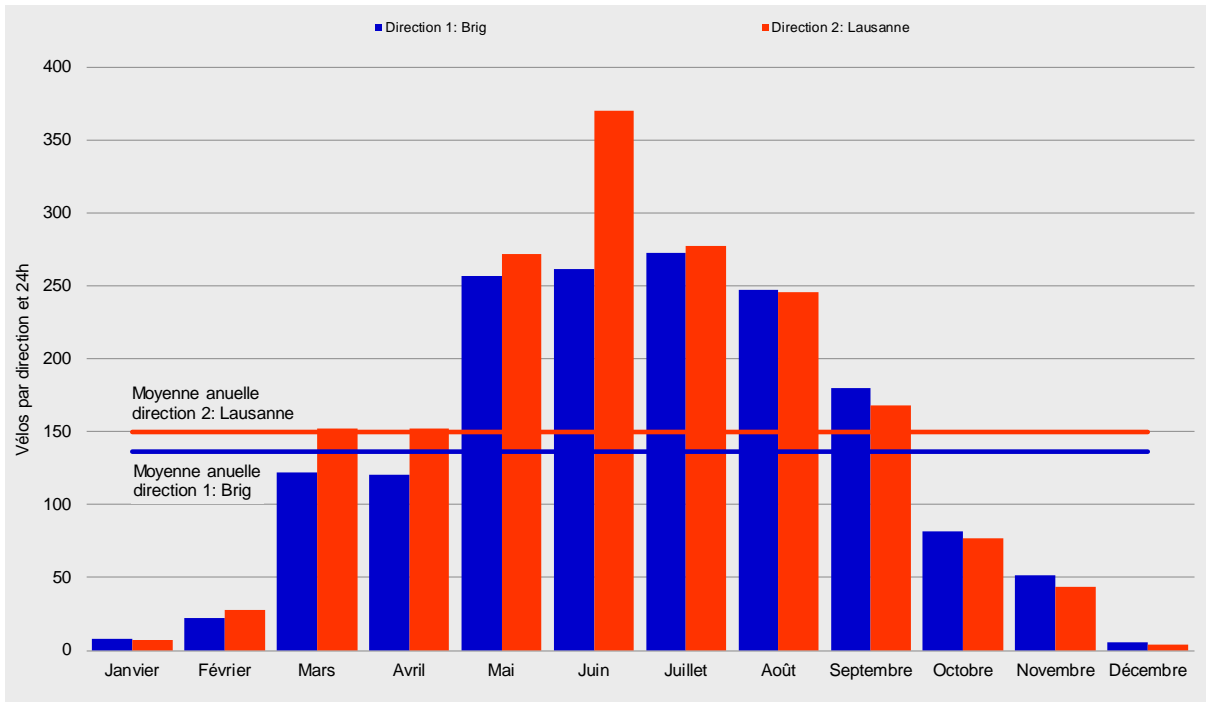


## Trafic journalier moyen en 2012



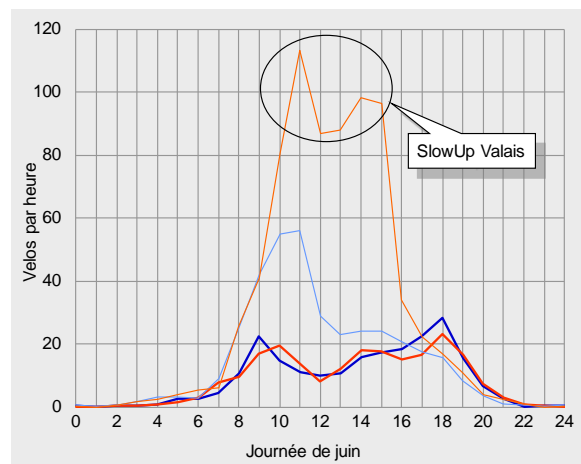
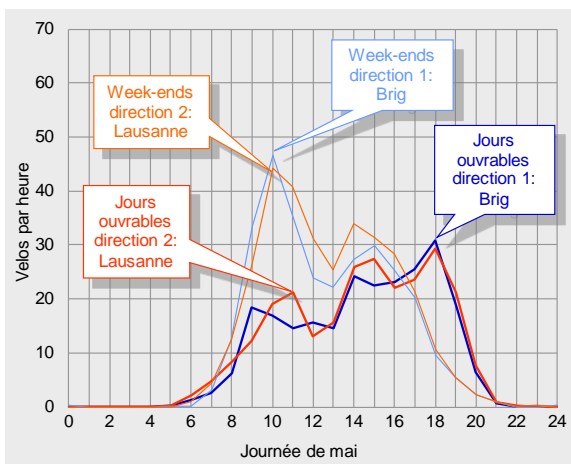
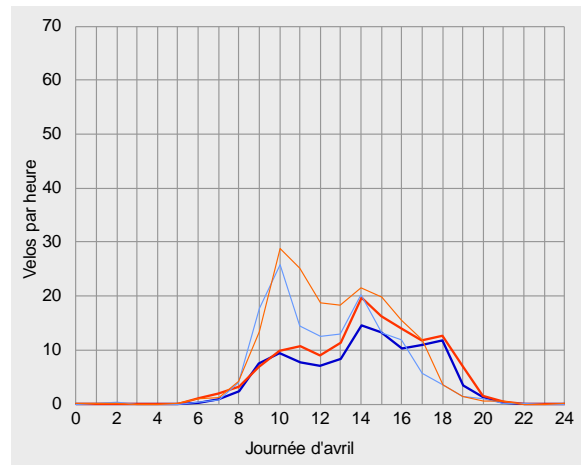
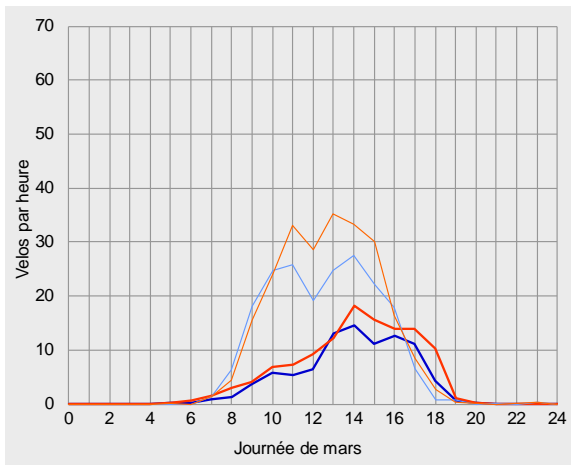
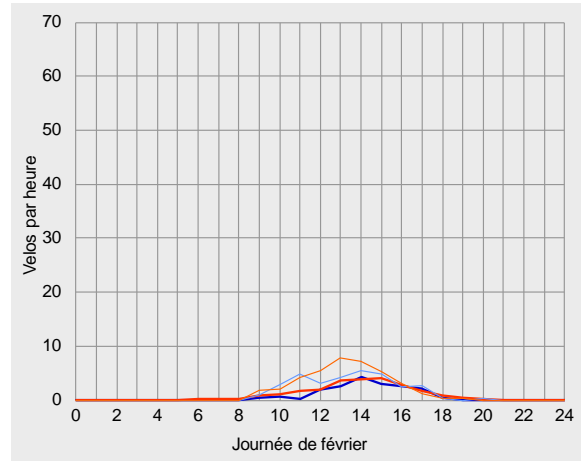
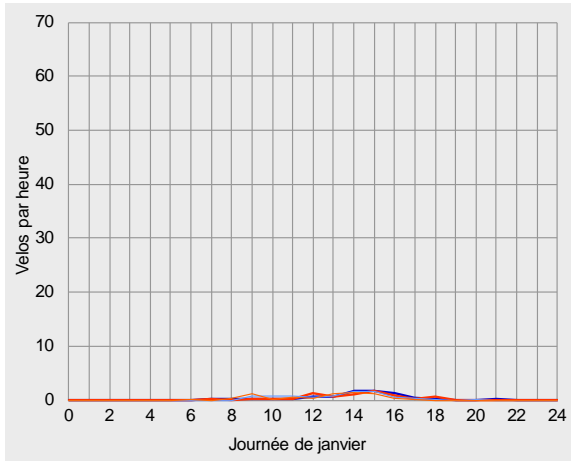


Compteur de Sion, dépouillement pour 2012



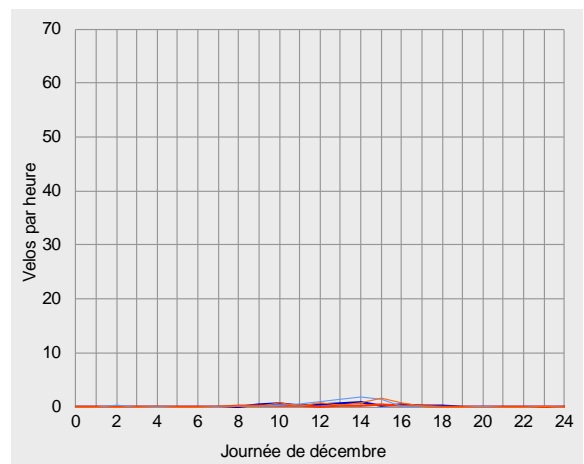
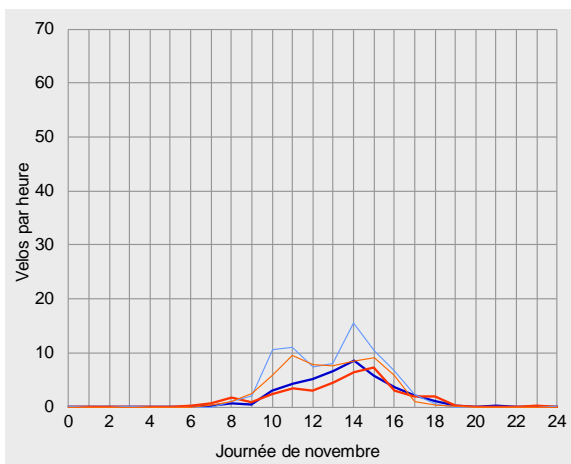
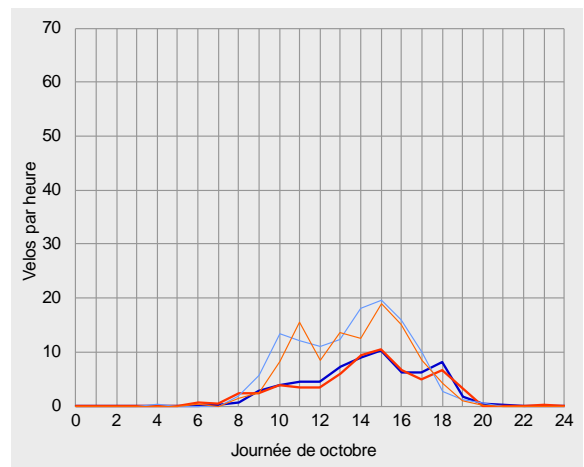
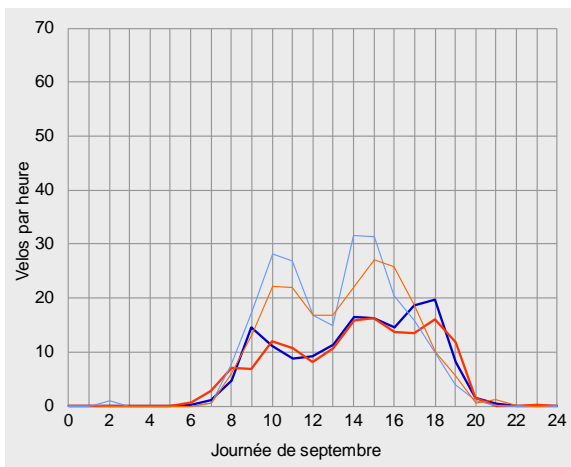
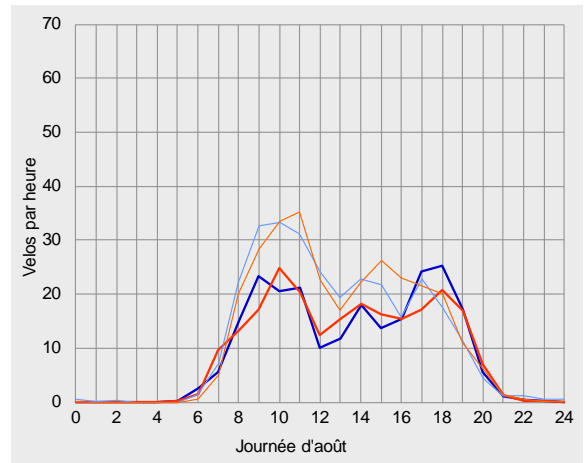
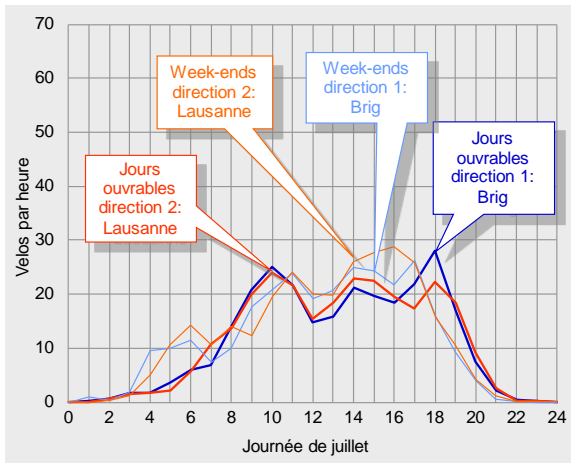


## Courbes de variations journalières en 2012





Compteur de Sion, dépouillement pour 2012





## Vue d'ensemble des résultats pour 2012

	Direction 1: Brig			Direction 2: Lausanne			Total		
Trafic compté	Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011
Janvier	243	0%	-28%	227	0%	-37%	470	0%	-32%
Février	649	1%	-9%	808	1%	-20%	1'457	1%	-16%
Mars	3'773	8%	+108%	4'705	9%	+70%	8'478	8%	+85%
Avril	3'602	7%	-48%	4'552	8%	-48%	8'154	8%	-48%
Mai	7'966	16%	+28%	8'424	15%	+8%	16'390	16%	+17%
Juin	7'848	16%	+37%	11'090	20%	-7%	18'938	18%	+8%
Juillet	8'449	17%	+64%	8'594	16%	+2%	17'043	16%	+26%
Août	7'657	15%	+27%	7'613	14%	-7%	15'270	15%	+7%
Septembre	5'401	11%	+27%	5'044	9%	-8%	10'445	10%	+7%
Octobre	2'445	5%	-14%	2'295	4%	-33%	4'740	5%	-24%
Novembre	1'534	3%	+8%	1'311	2%	-20%	2'845	3%	-7%
Décembre	172	0%	-42%	112	0%	-60%	284	0%	-51%
2012	49'739	100%	+19%	54'775	100%	-9%	104'514	100%	+3%

Trafic journalier moyen		Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011
Janvier	Jours ouvrables	8	-94%	-3%	8	-94%	+1%	16	-94%	-1%
	Week-ends	8	-95%	-54%	7	-97%	-67%	14	-96%	-61%
	Total	8	-94%	-28%	7	-95%	-37%	15	-95%	-32%
Février	Jours ouvrables	19	-85%	-2%	24	-81%	-11%	43	-83%	-8%
	Week-ends	32	-81%	-22%	39	-82%	-36%	70	-81%	-30%
	Total	22	-84%	-12%	28	-81%	-23%	50	-82%	-19%
Mars	Jours ouvrables	91	-25%	+84%	118	-7%	+55%	209	-82%	+67%
	Week-ends	196	+15%	+133%	234	+12%	+83%	430	+14%	+103%
	Total	122	-11%	+108%	152	+1%	+70%	273	-4%	+85%
Avril	Jours ouvrables	109	-11%	-38%	137	+8%	-39%	246	-1%	-39%
	Week-ends	146	-15%	-59%	185	-11%	-58%	331	-13%	-59%
	Total	120	-12%	-48%	152	+1%	-48%	272	-5%	-48%
Mai	Jours ouvrables	243	+98%	+47%	255	+101%	+25%	497	+100%	+35%
	Week-ends	298	+75%	+4%	320	+54%	-13%	619	+63%	-6%
	Total	257	+89%	+28%	272	+81%	+8%	529	+85%	+17%
Juin	Jours ouvrables	217	+77%	+26%	211	+67%	-12%	428	+72%	+4%
	Week-ends	366	+115%	+51%	740	+256%	-10%	1'106	+192%	+3%
	Total	262	+92%	+37%	370	+146%	-7%	631	+120%	+8%
Juillet	Jours ouvrables	269	+120%	+68%	271	+114%	+10%	540	+117%	+33%
	Week-ends	280	+65%	+57%	292	+40%	-10%	573	+51%	+14%
	Total	273	+100%	+64%	277	+85%	+2%	550	+92%	+26%
Août	Jours ouvrables	231	+89%	+20%	229	+81%	-11%	460	+85%	+2%
	Week-ends	292	+71%	+46%	295	+42%	+2%	586	+55%	+20%
	Total	247	+81%	+27%	246	+64%	-7%	493	+72%	+7%
Septembre	Jours ouvrables	157	+28%	+11%	148	+17%	-20%	304	+22%	-7%
	Week-ends	227	+33%	+60%	209	+0%	+17%	436	+15%	+36%
	Total	180	+32%	+27%	168	+12%	-8%	348	+22%	+7%
Octobre	Jours ouvrables	66	-46%	-18%	64	-49%	-34%	130	-48%	-27%
	Week-ends	124	-27%	+8%	111	-47%	-19%	235	-38%	-7%
	Total	82	-40%	-11%	77	-49%	-31%	158	-45%	-22%
Novembre	Jours ouvrables	42	-66%	-4%	38	-70%	-25%	80	-68%	-16%
	Week-ends	76	-56%	+33%	59	-72%	-8%	135	-64%	+11%
	Total	51	-62%	+8%	44	-71%	-20%	95	-67%	-7%
Décembre	Jours ouvrables	5	-96%	-37%	3	-98%	-62%	7	-97%	-49%
	Week-ends	8	-96%	-50%	6	-97%	-60%	13	-96%	-55%
	Total	6	-96%	-42%	4	-98%	-60%	9	-97%	-51%
2012	Jours ouvrables	123	0%	+20%	127	0%	-7%	249	0%	+5%
	Week-ends	170	0%	+18%	208	0%	-11%	378	0%	-0%
	Total	136	0%	+19%	150	0%	-9%	286	0%	+3%





Compteur de Sion, dépouillement pour 2012

		Direction 1: Brig					Direction 2: Lausanne					Total				
Parts du total selon les tranches horaires		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Janvier	Jours ouvrables	0%	3%	50%	40%	6%	0%	5%	49%	35%	10%	0%	4%	50%	38%	8%
	Week-ends	0%	0%	65%	32%	3%	0%	5%	69%	25%	0%	0%	2%	67%	29%	2%
	Total	0%	2%	54%	38%	5%	0%	5%	55%	33%	7%	0%	4%	54%	35%	6%
Février	Jours ouvrables	0%	1%	54%	41%	4%	0%	2%	56%	35%	6%	0%	2%	55%	38%	5%
	Week-ends	0%	0%	67%	31%	2%	0%	0%	74%	25%	1%	0%	0%	71%	28%	2%
	Total	0%	1%	59%	37%	3%	0%	1%	63%	31%	4%	0%	1%	61%	34%	4%
Mars	Jours ouvrables	0%	3%	53%	38%	6%	0%	4%	49%	37%	10%	0%	4%	51%	37%	8%
	Week-ends	0%	4%	71%	24%	1%	0%	2%	72%	24%	1%	0%	3%	72%	24%	1%
	Total	0%	3%	62%	31%	3%	0%	3%	59%	31%	6%	0%	3%	60%	31%	5%
Avril	Jours ouvrables	0%	3%	50%	32%	15%	0%	5%	49%	31%	15%	0%	4%	50%	31%	15%
	Week-ends	0%	3%	71%	21%	4%	0%	3%	68%	25%	3%	0%	3%	69%	23%	4%
	Total	0%	3%	58%	28%	11%	0%	4%	56%	29%	11%	0%	4%	57%	28%	11%
Mai	Jours ouvrables	0%	4%	43%	29%	23%	0%	6%	42%	29%	23%	0%	5%	42%	29%	23%
	Week-ends	0%	5%	63%	25%	6%	0%	6%	63%	25%	6%	0%	5%	63%	25%	6%
	Total	0%	5%	49%	28%	18%	0%	6%	48%	28%	18%	0%	5%	49%	28%	18%
Juin	Jours ouvrables	2%	8%	39%	27%	24%	1%	10%	42%	23%	24%	2%	9%	40%	25%	24%
	Week-ends	2%	10%	63%	17%	8%	1%	5%	69%	21%	5%	2%	7%	67%	19%	6%
	Total	2%	9%	49%	23%	17%	1%	7%	58%	22%	12%	2%	8%	54%	22%	14%
Juillet	Jours ouvrables	3%	10%	44%	22%	21%	2%	11%	45%	22%	20%	3%	11%	45%	22%	20%
	Week-ends	8%	10%	45%	26%	11%	6%	13%	42%	28%	11%	7%	12%	43%	27%	11%
	Total	4%	10%	45%	23%	18%	3%	12%	44%	24%	17%	4%	11%	44%	24%	17%
Août	Jours ouvrables	0%	10%	45%	23%	21%	0%	11%	47%	21%	20%	0%	10%	46%	22%	21%
	Week-ends	0%	11%	56%	21%	12%	0%	9%	54%	24%	13%	0%	10%	55%	22%	13%
	Total	0%	10%	49%	22%	19%	0%	10%	49%	22%	18%	0%	10%	49%	22%	18%
Septembre	Jours ouvrables	0%	4%	46%	32%	19%	0%	7%	44%	29%	20%	0%	5%	45%	30%	19%
	Week-ends	0%	4%	60%	30%	6%	0%	3%	54%	34%	8%	0%	3%	57%	32%	7%
	Total	0%	4%	52%	31%	14%	0%	5%	48%	31%	15%	0%	5%	50%	31%	14%
Octobre	Jours ouvrables	0%	1%	48%	35%	16%	0%	5%	44%	34%	16%	0%	3%	46%	34%	16%
	Week-ends	0%	2%	58%	36%	3%	0%	2%	55%	38%	5%	0%	2%	57%	37%	4%
	Total	0%	1%	52%	35%	11%	0%	4%	48%	36%	12%	0%	3%	50%	36%	11%
Novembre	Jours ouvrables	0%	2%	66%	27%	4%	0%	7%	55%	32%	6%	0%	4%	61%	29%	5%
	Week-ends	0%	1%	72%	26%	1%	0%	2%	70%	27%	1%	0%	2%	71%	26%	1%
	Total	0%	2%	69%	27%	3%	0%	5%	61%	30%	4%	0%	3%	65%	28%	3%
Décembre	Jours ouvrables	1%	2%	70%	21%	6%	0%	15%	46%	35%	4%	1%	7%	62%	26%	5%
	Week-ends	4%	1%	71%	21%	3%	2%	3%	50%	43%	2%	3%	2%	62%	31%	2%
	Total	2%	2%	70%	21%	5%	1%	9%	48%	39%	3%	2%	5%	62%	28%	4%
2012	Jours ouvrables	1%	6%	46%	28%	19%	1%	8%	45%	27%	19%	1%	7%	46%	27%	19%
	Week-ends	2%	7%	61%	24%	7%	1%	6%	62%	25%	6%	1%	6%	61%	25%	7%
	Total	1%	6%	51%	27%	15%	1%	7%	52%	26%	14%	1%	7%	51%	26%	14%
Heures de pointe de l'année		Vélos par heure		Quand		Vélos par heure		Quand		Vélos par heure		Quand				
Jours ouvrables		13		18-19 h		13		14-15 h		26		14-15 h				
Week-ends		22		10-11 h		27		11-12 h		47		11-12 h				
Tous les jours de 2012		14		14-15 h		16		14-15 h		31		14-15 h				





## Unità di conteggio biciclette di Personico TI (15)

### Analisi dei dati 2012

La sezione di misura di Personico è caratterizzata dal transito di ciclisti sia di giornata che di lunga percorrenza. Vi si aggiunge un regolare, seppure ridotto, volume di traffico pendolare. In totale, nel 2012 si sono registrati 37'000 ciclisti. L'alta stagione riguarda il periodo che va da maggio a settembre. Nel 2012, la media del traffico ciclistico giornaliero nella sezione di misura di Personico è stata di 103 biciclette, mentre il maggior carico in un giorno medio lo si è osservato nelle ore pomeridiane.

Dall'analisi dell'intero anno 2012 è emerso che il carico massimo si colloca tra le ore 14 e 15, con un transito medio nella sezione di misura pari a 10 bici.

Nel 2012, l'unità di conteggio biciclette di Personico ha rilevato e memorizzato i dati senza soluzione di continuità, al punto che non si è registrata alcuna perdita di dati.

### Posizione

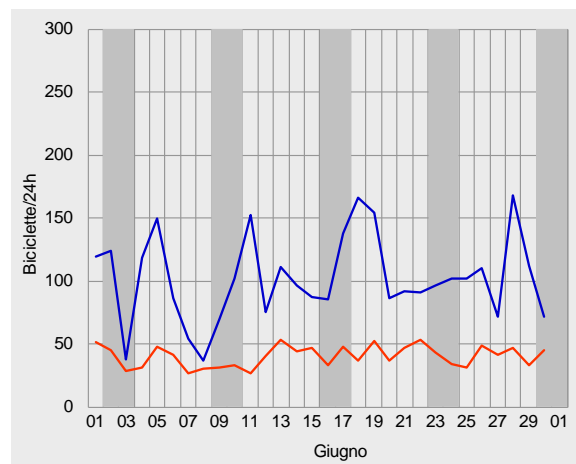
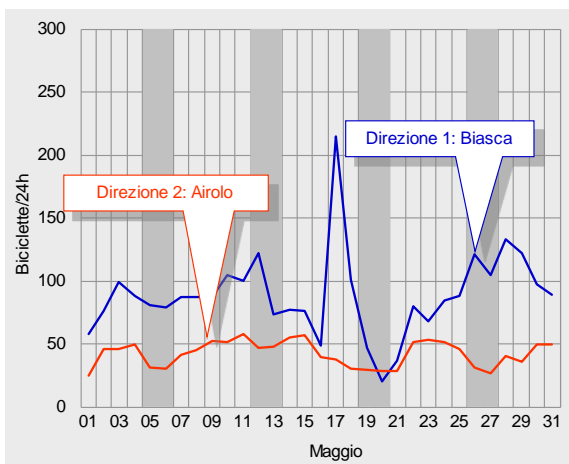
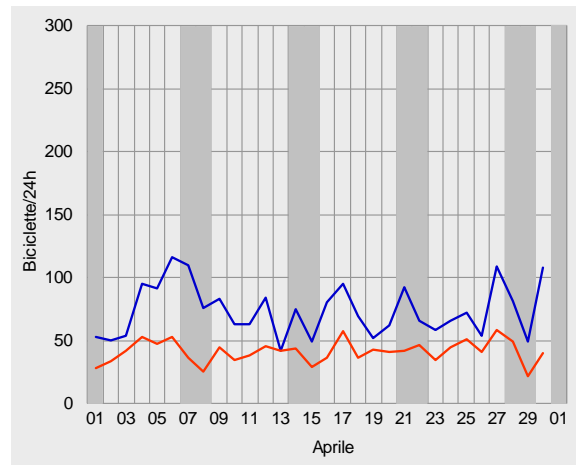
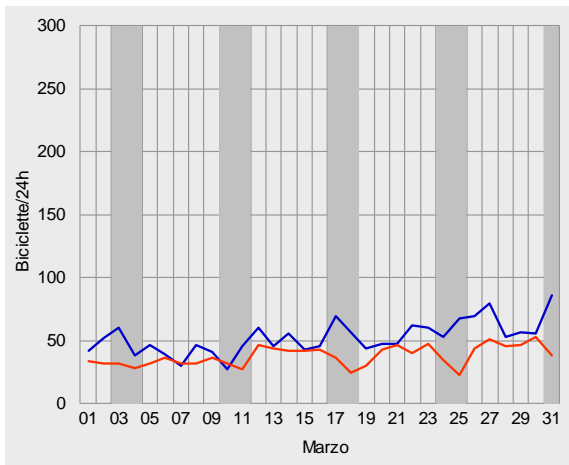
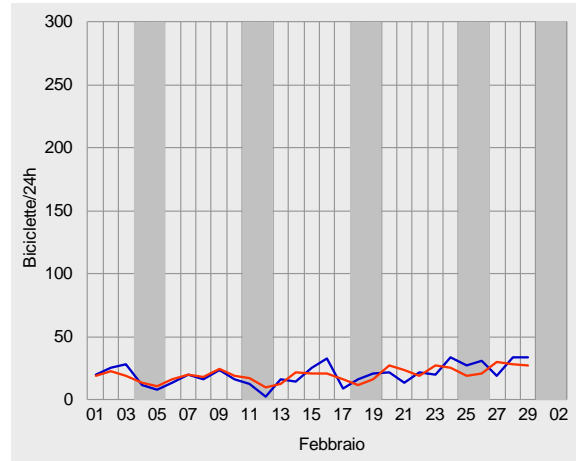
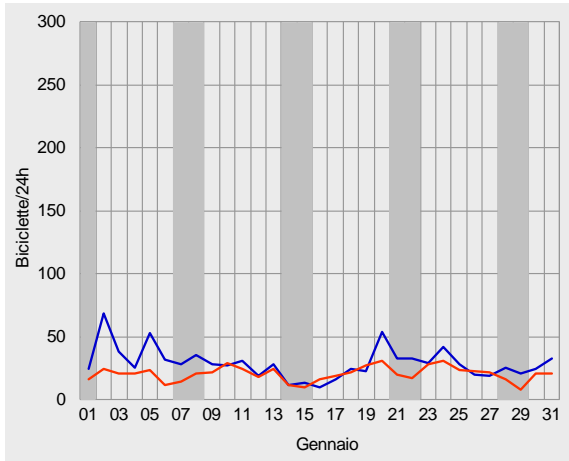
L'unità di conteggio di Personico è situata nel Cantone Ticino, sul percorso 3 Nord-Sud della rete ciclabile nazionale.

L'unità di conteggio è situata presso la centralina elettrica direttamente sul fiume Ticino, tra le località di Personico e Pollegio, nel tratto compreso tra Biasca e Airolo.

La sezione di misura si trova in una strada secondaria, accessibile a tutti i tipi di veicoli e caratterizzata da un traffico ridotto di autoveicoli. All'altezza dell'unità di conteggio la sezione ha una larghezza di circa 5 metri, il tratto è pianeggiante, la superficie è asfaltata e offre quindi le condizioni ideali per l'uso della bicicletta.

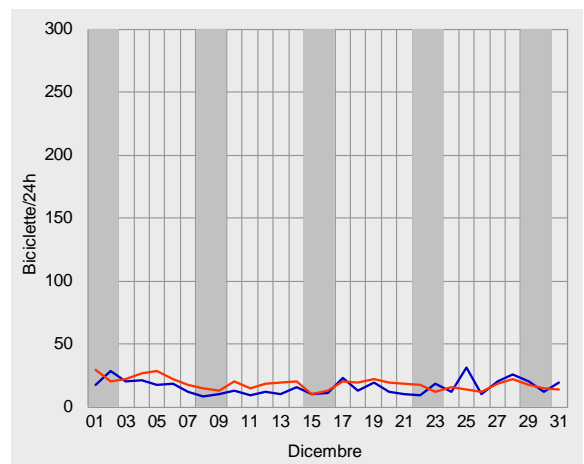
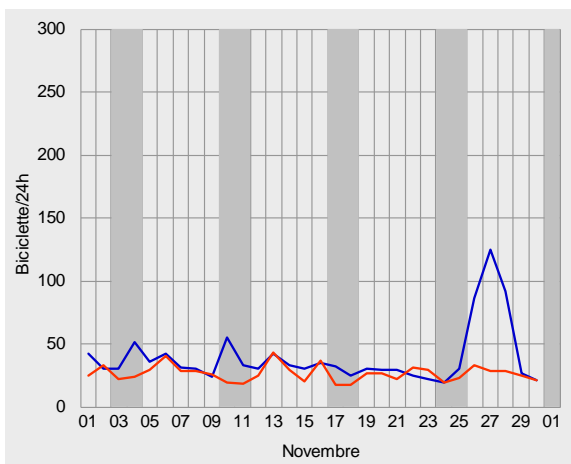
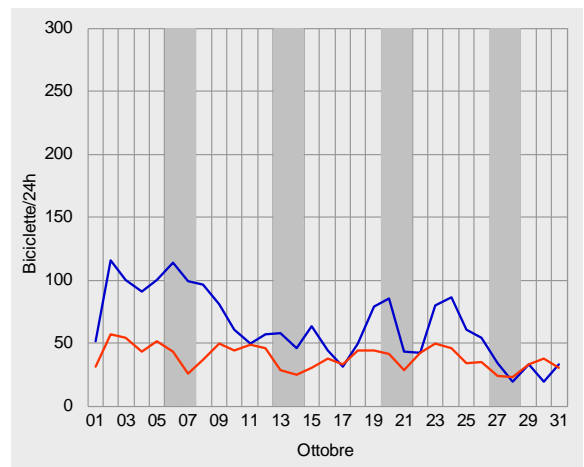
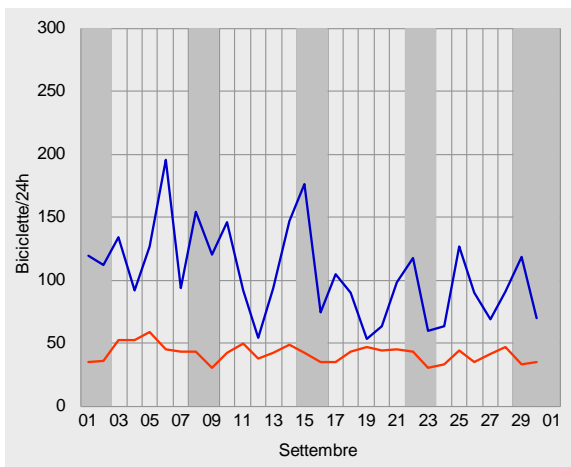
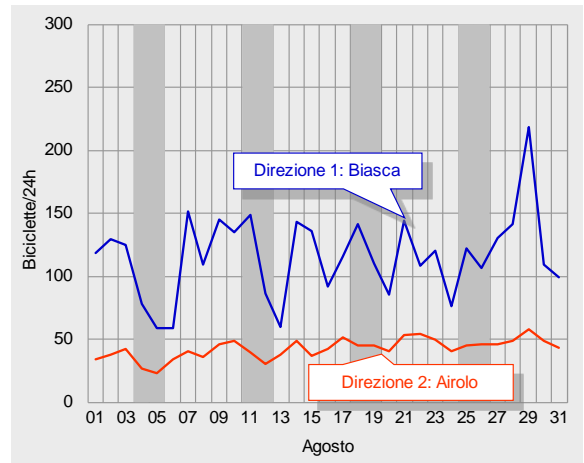
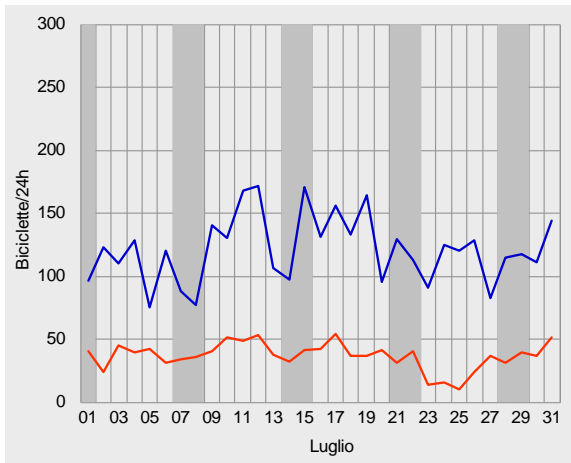


## Traffico ciclisti nel 2012



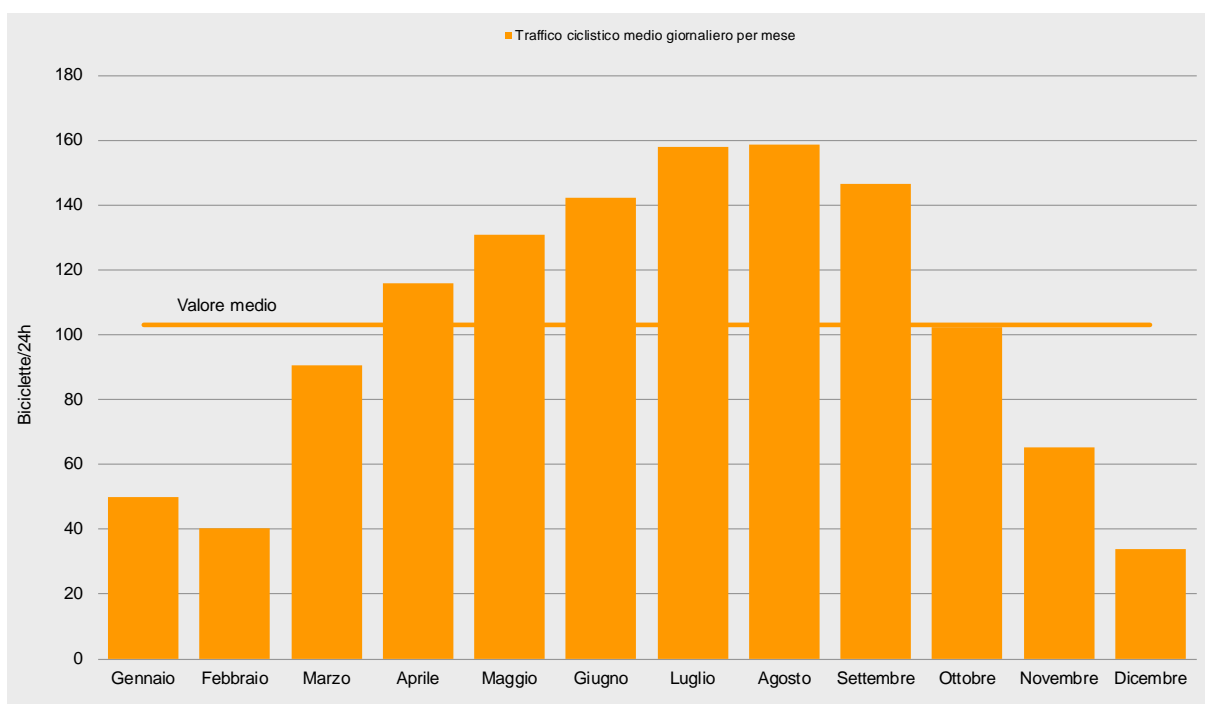
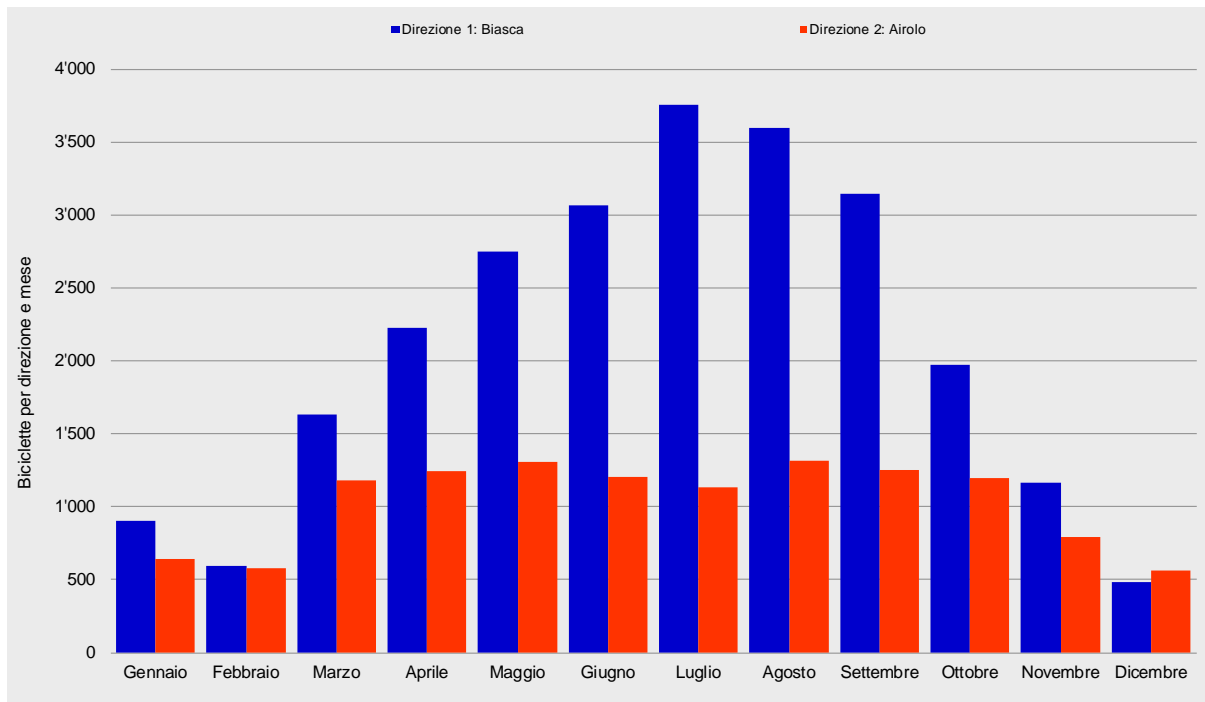


Unità di conteggio biciclette di Personico, analisi dei dati 2012



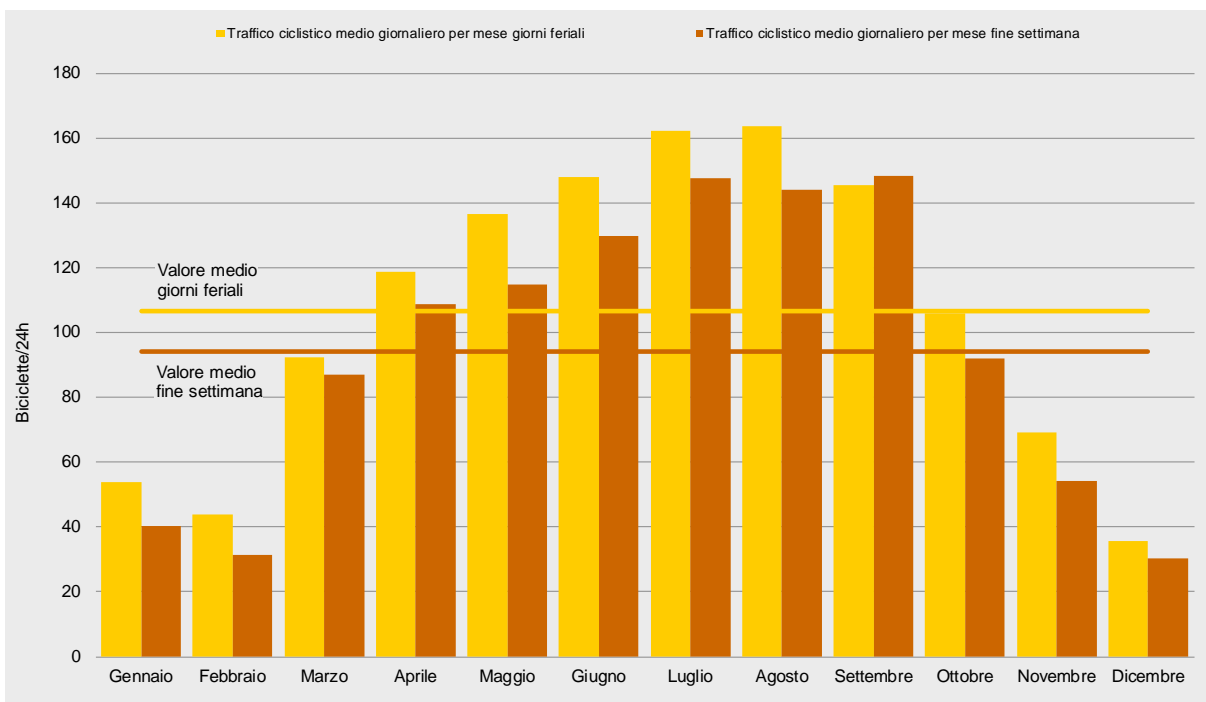
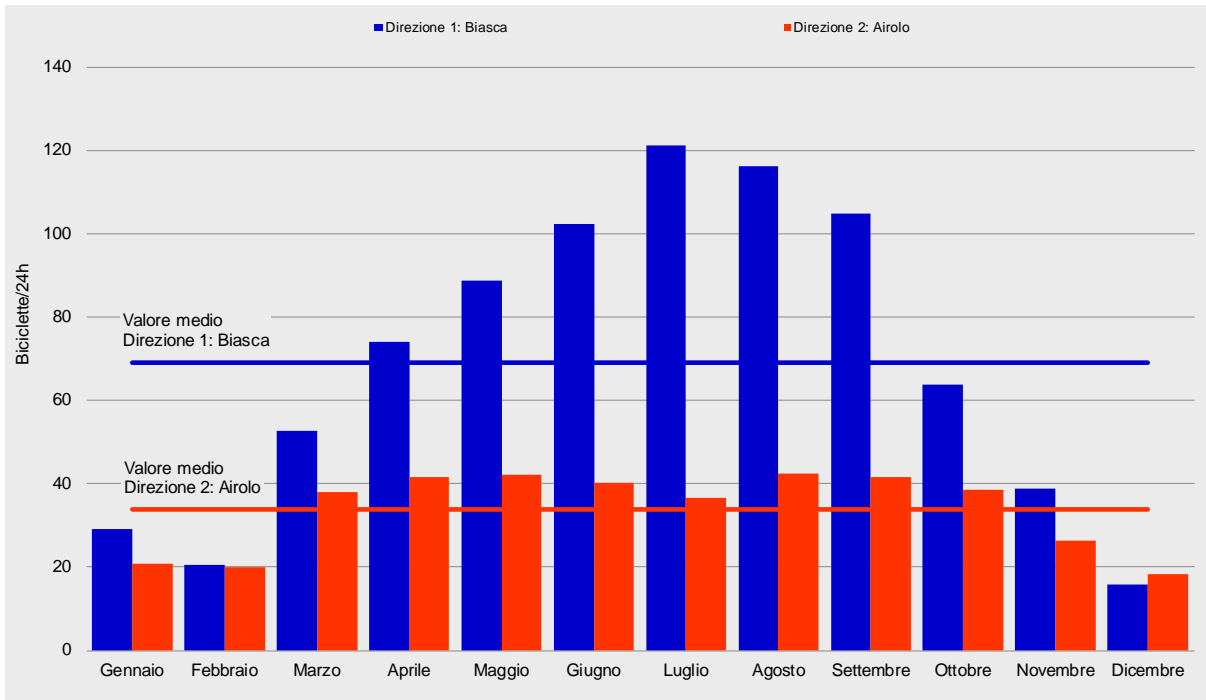


## Traffico ciclistico medio giornaliero nel 2012



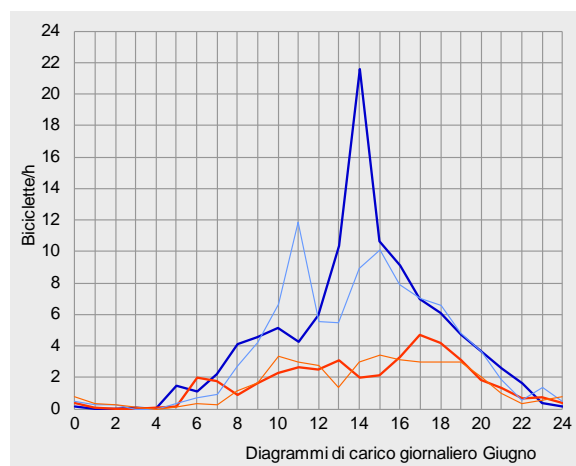
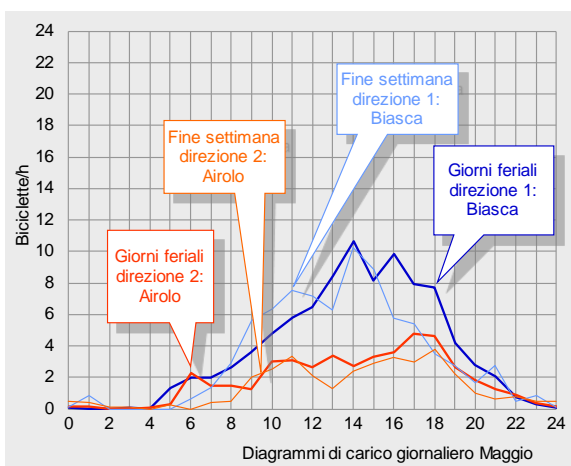
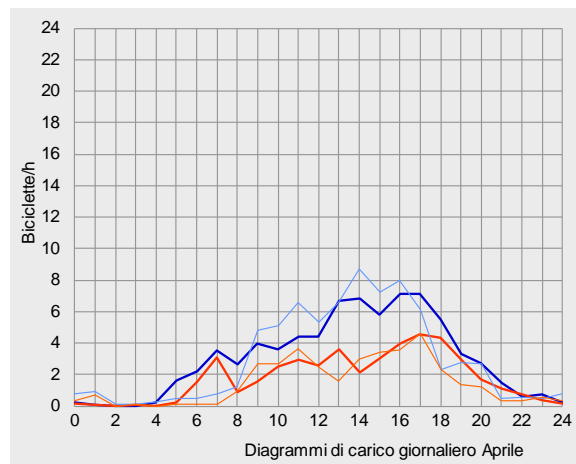
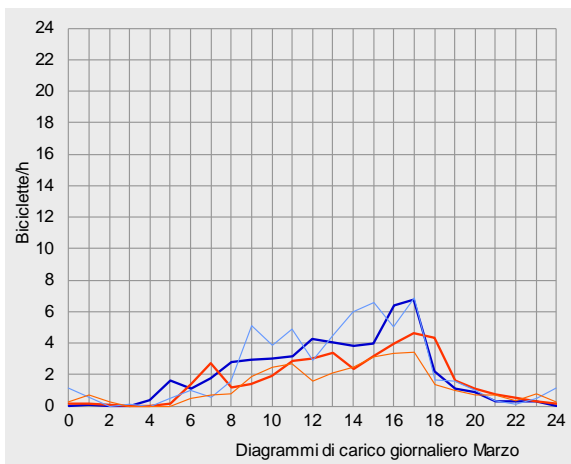
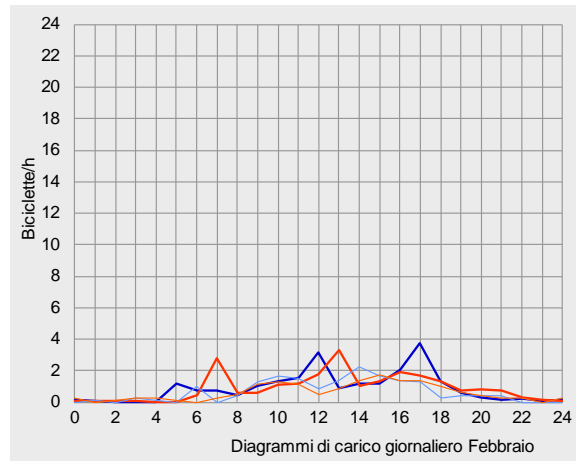
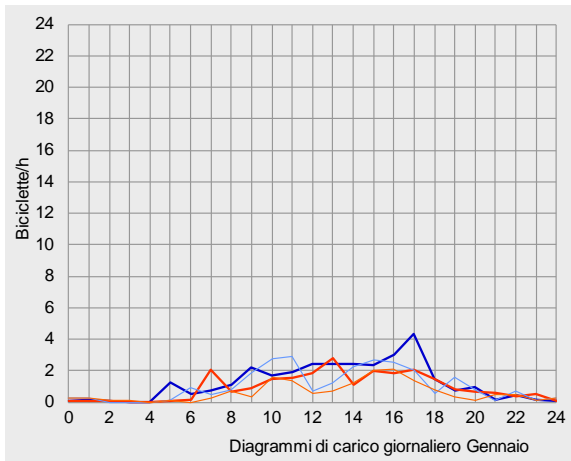


Unità di conteggio biciclette di Personico, analisi dei dati 2012





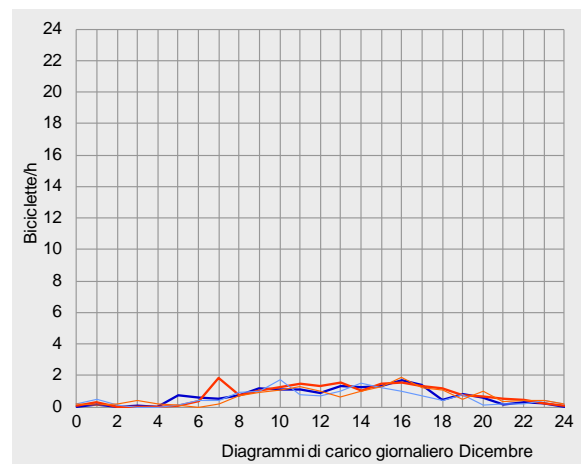
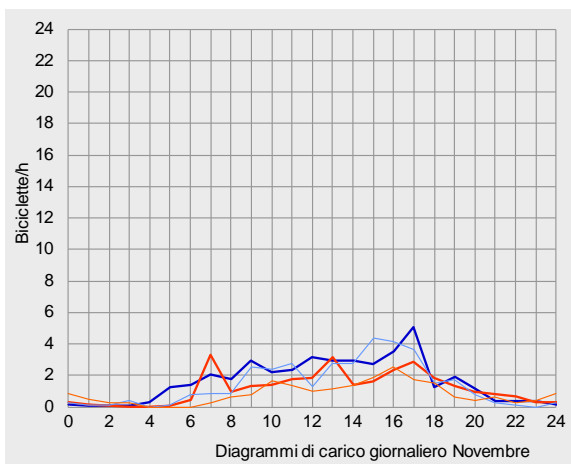
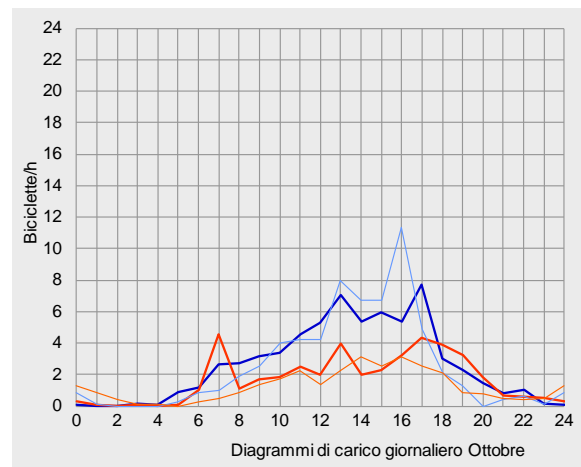
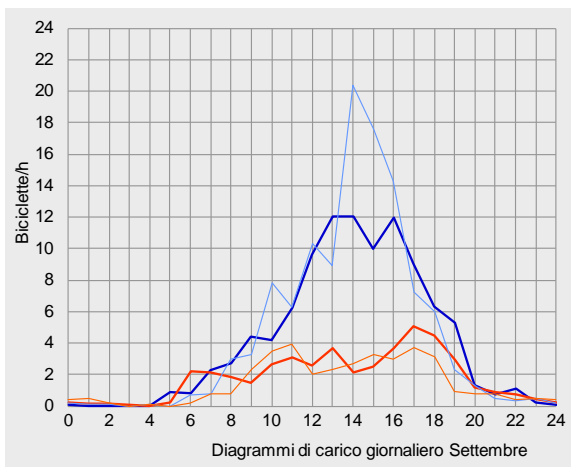
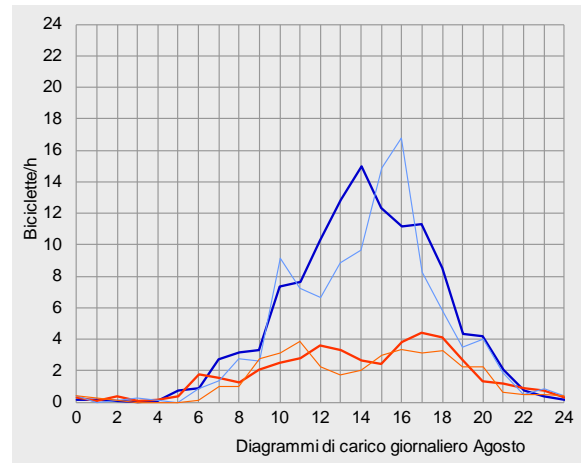
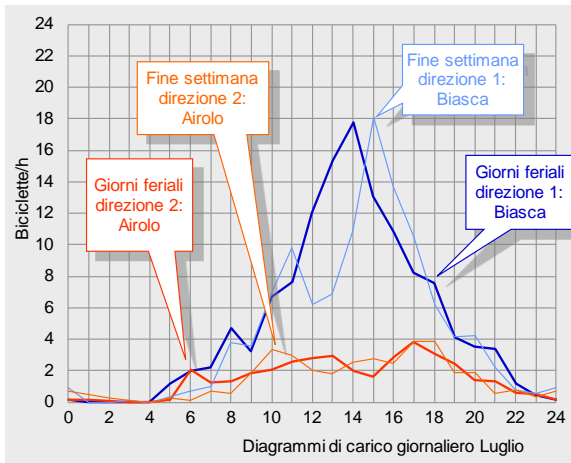
## Diagrammi di carico giornaliero 2012







Unità di conteggio biciclette di Personico, analisi dei dati 2012





## Scheda tecnica dell'unità automatica di conteggio biciclette di Personico del 2012

	Direzione 1: Biasca			Direzione 2: Airole			Totale		
Valori numerici	Biciclette al mese	% del volume annuo	Variazione sul 2011	Biciclette al mese	% del volume annuo	Variazione sul 2011	Biciclette al mese	% del volume annuo	Variazione sul 2011
Gennaio	903	4%	+96%	642	5%	+31%	1'545	4%	+62%
Febbraio	593	2%	+18%	580	5%	+9%	1'173	3%	+13%
Marzo	1'632	6%	+79%	1'180	10%	+41%	2'812	7%	+61%
Aprile	2'223	9%	-11%	1'247	10%	+3%	3'470	9%	-6%
Maggio	2'751	11%	+0%	1'309	11%	+28%	4'060	11%	+8%
Giugno	3'065	12%	-24%	1'206	10%	-13%	4'271	11%	-21%
Luglio	3'756	15%	-2%	1'136	9%	-21%	4'892	13%	-7%
Agosto	3'599	14%	-7%	1'318	11%	-16%	4'917	13%	-9%
Settembre	3'144	12%	-5%	1'248	10%	-16%	4'392	12%	-8%
Ottobre	1'976	8%	-9%	1'197	10%	+7%	3'173	8%	-4%
Novembre	1'166	5%	-16%	793	6%	+4%	1'959	5%	-9%
Dicembre	486	2%	-53%	563	5%	-27%	1'049	3%	-42%
2012	25'294	100%	-5%	12'419	100%	-1%	37'713	100%	-4%

Traffico ciclistico medio giornaliero	Biciclette/24h	Scostamento dalla media	Variazione sul 2011	Biciclette/24h	Scostamento dalla media	Variazione sul 2011	Biciclette/24h	Scostamento dalla media	Variazione sul 2011	
Gennaio	giorni feriali	31	-57%	+101%	23	-36%	+34%	54	-50%	+65%
	fine settimana	25	-61%	+81%	15	-48%	+15%	40	-57%	+49%
	totale	29	-58%	+96%	21	-39%	+31%	50	-52%	+62%
Febbraio	giorni feriali	22	-69%	+16%	22	-39%	+6%	44	-59%	+11%
	fine settimana	16	-75%	+5%	15	-48%	+3%	31	-67%	+4%
	totale	20	-70%	+14%	20	-41%	+5%	40	-61%	+9%
Marzo	giorni feriali	51	-27%	+69%	41	+14%	+39%	92	-13%	+54%
	fine settimana	56	-14%	+113%	31	+7%	+56%	87	-8%	+88%
	totale	53	-24%	+79%	38	+12%	+41%	91	-12%	+61%
Aprile	giorni feriali	75	+6%	-6%	44	+22%	+9%	119	+11%	-1%
	fine settimana	73	+11%	-19%	36	+26%	-10%	109	+15%	-16%
	totale	74	+7%	-11%	42	+23%	+3%	116	+12%	-6%
Maggio	giorni feriali	91	+30%	+7%	45	+25%	+40%	137	+28%	+16%
	fine settimana	81	+24%	-16%	34	+18%	-3%	115	+22%	-12%
	totale	89	+28%	+0%	42	+24%	+28%	131	+27%	+8%
Giugno	giorni feriali	107	+51%	-22%	41	+14%	-14%	148	+39%	-20%
	fine settimana	92	+40%	-30%	38	+32%	-10%	130	+38%	-25%
	totale	102	+48%	-24%	40	+18%	-13%	142	+38%	-21%
Luglio	giorni feriali	125	+77%	-1%	37	+2%	-24%	162	+52%	-8%
	fine settimana	111	+70%	-3%	36	+26%	-13%	147	+56%	-6%
	totale	121	+75%	-2%	37	+8%	-21%	158	+53%	-7%
Agosto	giorni feriali	119	+69%	-5%	44	+23%	-16%	164	+54%	-8%
	fine settimana	106	+62%	-12%	38	+31%	-16%	144	+53%	-13%
	totale	116	+68%	-7%	43	+25%	-16%	159	+54%	-9%
Settembre	giorni feriali	101	+43%	-5%	44	+23%	-17%	146	+37%	-9%
	fine settimana	112	+71%	-6%	36	+26%	-7%	148	+57%	-6%
	totale	105	+52%	-5%	42	+23%	-16%	146	+42%	-8%
Ottobre	giorni feriali	64	-9%	-13%	42	+16%	+7%	106	-1%	-6%
	fine settimana	62	-5%	-3%	30	+4%	-2%	92	-2%	-3%
	totale	64	-8%	-9%	39	+14%	+7%	102	-1%	-4%
Novembre	giorni feriali	41	-43%	-18%	29	-20%	+4%	69	-35%	-10%
	fine settimana	34	-48%	-9%	20	-31%	+1%	54	-42%	-6%
	totale	39	-44%	-16%	26	-22%	+4%	65	-37%	-9%
Dicembre	giorni feriali	16	-77%	-53%	19	-47%	-27%	35	-67%	-42%
	fine settimana	14	-78%	-53%	16	-44%	-26%	30	-68%	-41%
	totale	16	-77%	-53%	18	-46%	-27%	34	-67%	-42%
2012	giorni feriali	71	0%	-5%	36	0%	-1%	107	0%	-4%
	fine settimana	66	0%	-8%	29	0%	-4%	94	0%	-7%
	totale	69	0%	-6%	34	0%	-2%	103	0%	-4%



Unità di conteggio biciclette di Personico, analisi dei dati 2012

		Direzione 1: Biasca					Direzione 2: Airolo					Totale				
Quota delle fasce orarie sul traffico giornaliero		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Gennaio	giorni feriali	5%	8%	43%	32%	12%	1%	12%	42%	26%	19%	3%	10%	43%	29%	15%
	fine settimana	2%	8%	46%	29%	15%	5%	6%	38%	36%	15%	3%	7%	43%	31%	15%
	totale	5%	8%	44%	31%	13%	2%	11%	41%	28%	18%	3%	9%	43%	30%	15%
Febbraio	giorni feriali	6%	9%	41%	32%	12%	2%	17%	41%	22%	18%	4%	13%	41%	27%	15%
	fine settimana	3%	8%	54%	26%	8%	7%	5%	42%	30%	17%	5%	7%	48%	28%	12%
	totale	5%	9%	44%	30%	11%	3%	15%	41%	24%	18%	4%	12%	42%	27%	15%
Marzo	giorni feriali	4%	11%	41%	34%	10%	1%	13%	36%	29%	21%	3%	12%	39%	31%	15%
	fine settimana	4%	6%	49%	33%	9%	4%	6%	43%	32%	16%	4%	6%	46%	33%	11%
	totale	4%	9%	44%	33%	10%	2%	11%	38%	29%	20%	3%	10%	41%	32%	14%
Aprile	giorni feriali	3%	11%	40%	27%	19%	1%	13%	35%	26%	25%	2%	12%	38%	27%	21%
	fine settimana	4%	3%	51%	29%	13%	3%	3%	44%	32%	17%	3%	3%	49%	30%	14%
	totale	3%	9%	43%	28%	17%	2%	10%	37%	28%	23%	3%	9%	41%	28%	19%
Maggio	giorni feriali	2%	7%	43%	28%	19%	1%	11%	36%	26%	26%	2%	9%	41%	27%	21%
	fine settimana	1%	6%	53%	25%	15%	4%	3%	40%	27%	26%	2%	5%	49%	25%	18%
	totale	1%	7%	46%	27%	18%	2%	10%	37%	26%	26%	2%	8%	43%	27%	21%
Giugno	giorni feriali	2%	7%	49%	25%	18%	2%	11%	34%	25%	29%	2%	8%	45%	25%	21%
	fine settimana	1%	5%	46%	27%	20%	4%	4%	40%	25%	26%	2%	5%	45%	27%	22%
	totale	2%	6%	48%	26%	18%	2%	9%	36%	25%	28%	2%	7%	45%	25%	21%
Luglio	giorni feriali	1%	7%	50%	26%	16%	1%	13%	38%	22%	25%	1%	8%	47%	25%	18%
	fine settimana	1%	5%	40%	38%	16%	5%	4%	40%	25%	26%	2%	5%	40%	35%	19%
	totale	1%	7%	47%	29%	16%	2%	10%	39%	23%	26%	1%	7%	45%	28%	18%
Agosto	giorni feriali	1%	6%	47%	29%	17%	3%	10%	38%	24%	25%	2%	7%	45%	28%	19%
	fine settimana	1%	5%	41%	37%	16%	2%	6%	42%	25%	25%	1%	5%	42%	34%	18%
	totale	1%	5%	46%	31%	17%	3%	9%	39%	24%	25%	1%	6%	44%	29%	19%
Settembre	giorni feriali	1%	6%	48%	31%	15%	2%	14%	35%	26%	24%	1%	8%	44%	29%	18%
	fine settimana	0%	4%	51%	35%	10%	3%	5%	46%	28%	18%	1%	4%	50%	33%	12%
	totale	1%	5%	49%	32%	13%	2%	11%	38%	26%	22%	1%	7%	46%	30%	16%
Ottobre	giorni feriali	2%	10%	45%	30%	14%	1%	16%	33%	24%	26%	2%	13%	40%	27%	18%
	fine settimana	2%	6%	48%	37%	7%	9%	5%	41%	27%	17%	4%	6%	46%	34%	10%
	totale	2%	9%	45%	31%	12%	3%	14%	35%	24%	24%	2%	11%	42%	29%	17%
Novembre	giorni feriali	5%	13%	41%	28%	13%	2%	16%	38%	24%	20%	4%	14%	40%	26%	16%
	fine settimana	3%	7%	42%	35%	13%	9%	4%	36%	31%	19%	5%	6%	40%	34%	15%
	totale	4%	12%	41%	30%	13%	4%	14%	37%	25%	20%	4%	13%	40%	28%	16%
Dicembre	giorni feriali	6%	12%	41%	27%	15%	2%	15%	40%	23%	20%	4%	13%	41%	25%	18%
	fine settimana	6%	12%	47%	20%	15%	7%	6%	37%	27%	23%	7%	9%	41%	24%	19%
	totale	6%	12%	43%	25%	15%	4%	12%	39%	24%	21%	5%	12%	41%	24%	18%
2012	giorni feriali	2%	8%	46%	28%	16%	2%	13%	37%	25%	24%	2%	10%	43%	27%	19%
	fine settimana	2%	5%	47%	33%	14%	5%	5%	41%	28%	21%	3%	5%	45%	31%	16%
	totale	2%	7%	46%	29%	15%	2%	11%	38%	26%	23%	2%	9%	43%	28%	18%

Ora di punta dell'anno	Biciclette/h	Periodo	Biciclette/h	Periodo	Biciclette/h	Periodo
giorni feriali	8	14-15 h	4	17-18 h	10	17-18 h
fine settimana	8	15-16 h	3	16-17 h	11	15-16 h
tutti i giorni del 2012	8	14-15 h	3	17-18 h	10	14-15 h





## Velo-Zählanlage La Punt GR (16)

### Auswertung 2012

Am Messquerschnitt in La Punt ist fast ausschliesslich Velo-orientierter Freizeitverkehr zu beobachten. Insgesamt wurden im Jahr 2012 über 18'000 Velofahrende erfasst, womit das Aufkommen im Vergleich zum Vorjahr um ca. 20 % abnahm. Hauptsaison war wiederum der kurze Zeitraum über die beiden Sommermonate Juli und August. Die getrennte Betrachtung nach Fahrtrichtungen ergibt, dass der Veloverkehr in Richtung Zernez – also talabwärts – überwiegt. Das durchschnittliche tägliche Veloverkehrsaufkommen am Messquerschnitt in La Punt lag 2012 bei 51 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der späten Vormittagsstunden zu verzeichnen.

### Standort

Die Velo-Zählanlage La Punt liegt im Kanton Graubünden an der Graubünden-Route 6 des nationalen Velolandnetzes.

Die Zählstation befindet sich im östlichen Ortsteil von La Punt in unmittelbarer Nähe zum Inn auf dem Abschnitt zwischen St. Moritz und Zernez.

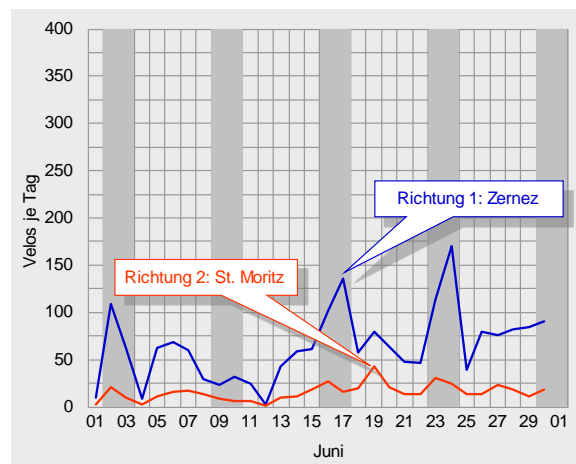
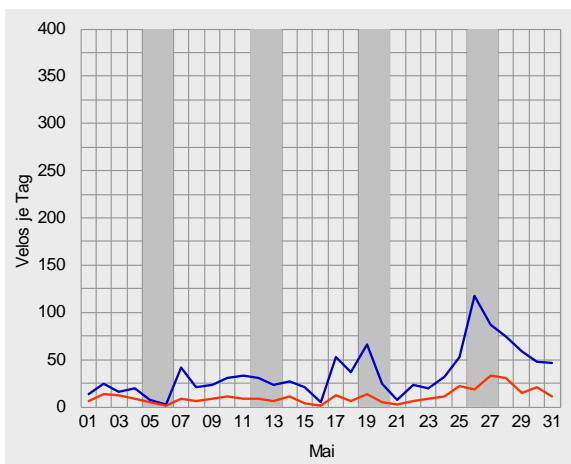
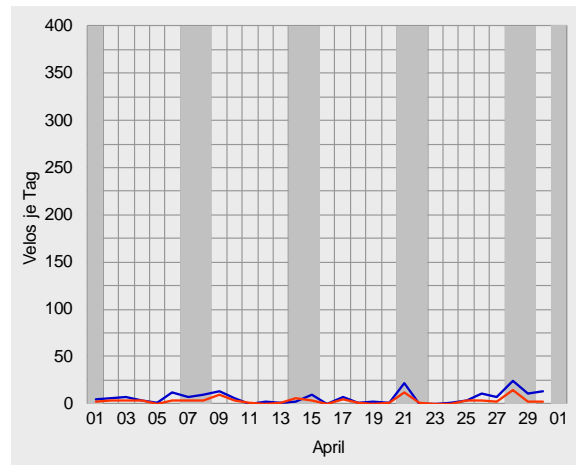
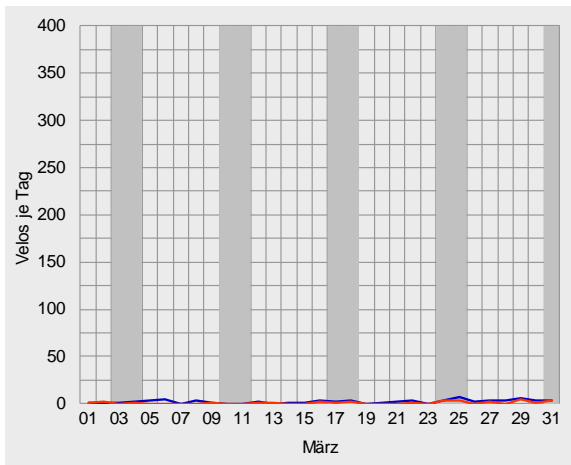
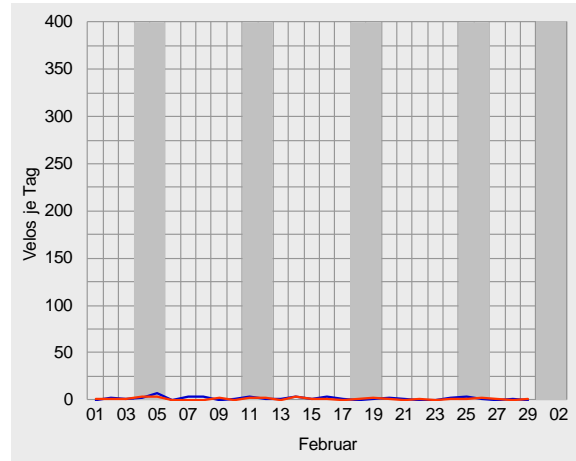
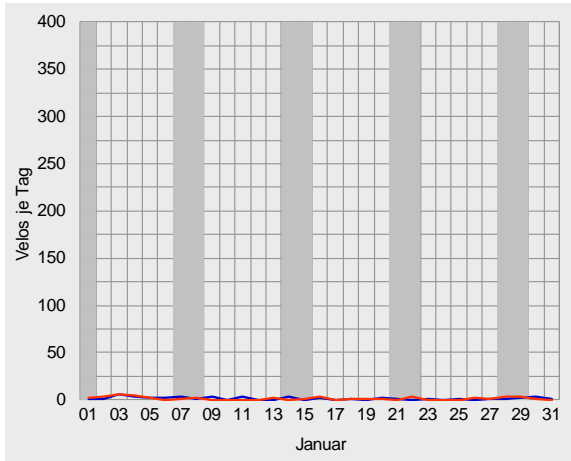
Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 11 und 12 Uhr verzeichnet, hier passierten im Durchschnitt acht Velos den Messquerschnitt.

Die Velo-Zählanlage La Punt hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

Der Messquerschnitt liegt an einem Radweg zwischen La Punt und Zernez, auf dem kein Motorfahrzeugverkehr zugelassen ist. In Höhe der Zählstation verfügt der Querschnitt über eine Breite von ca. 4 m. Die Strecke ist eben, ihre Oberfläche ist befestigt und bietet somit ideale Bedingungen zum Velo fahren.

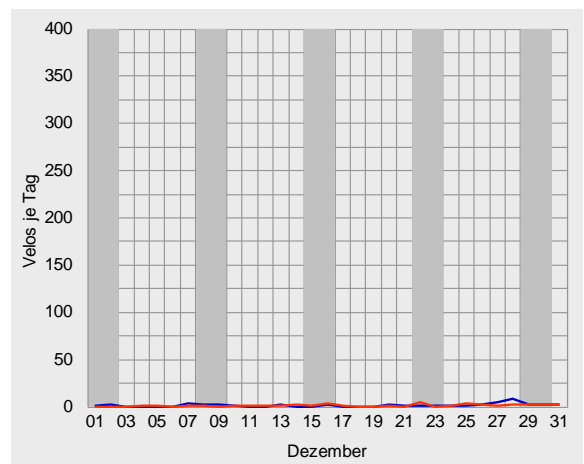
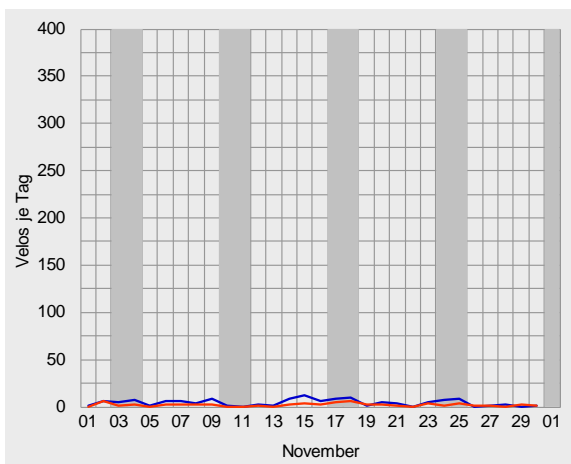
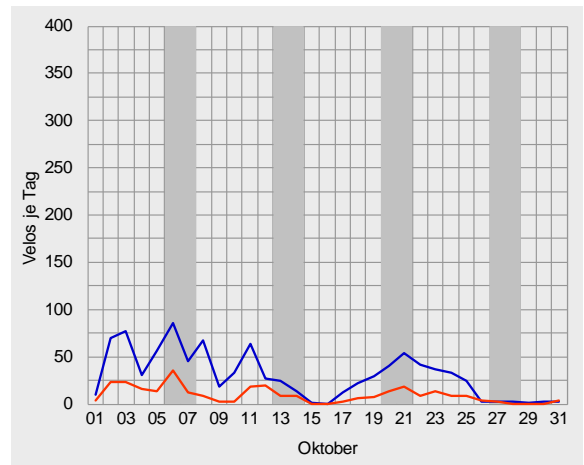
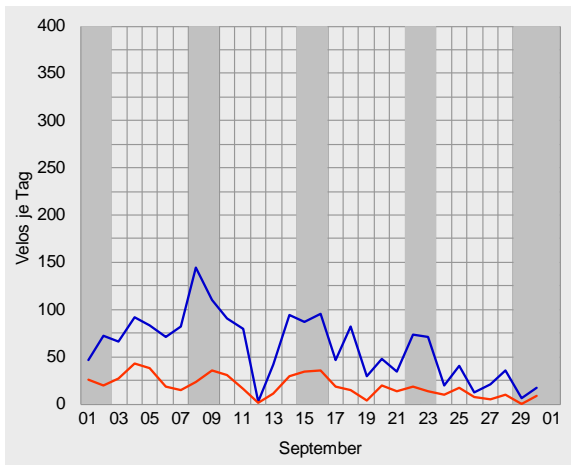
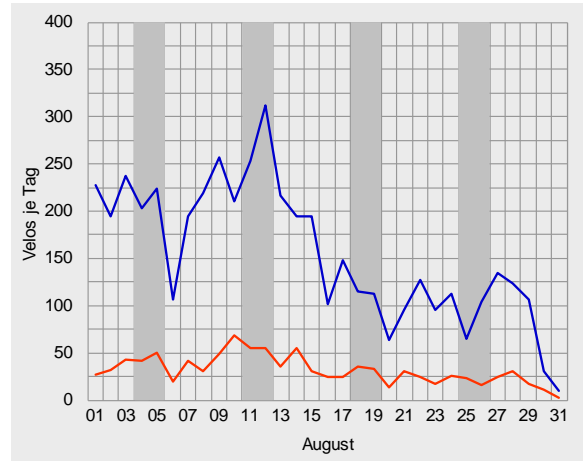
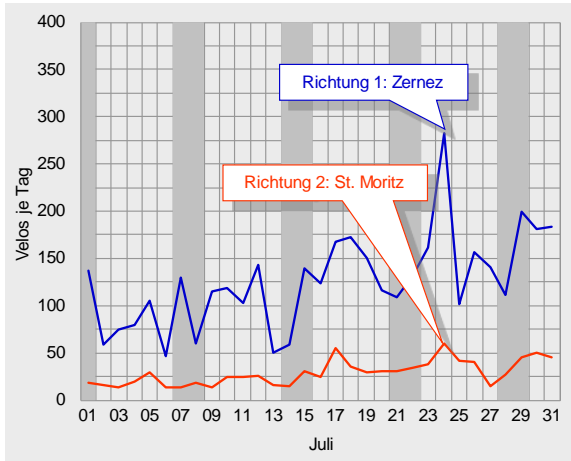


## Veloverkehrsaufkommen 2012



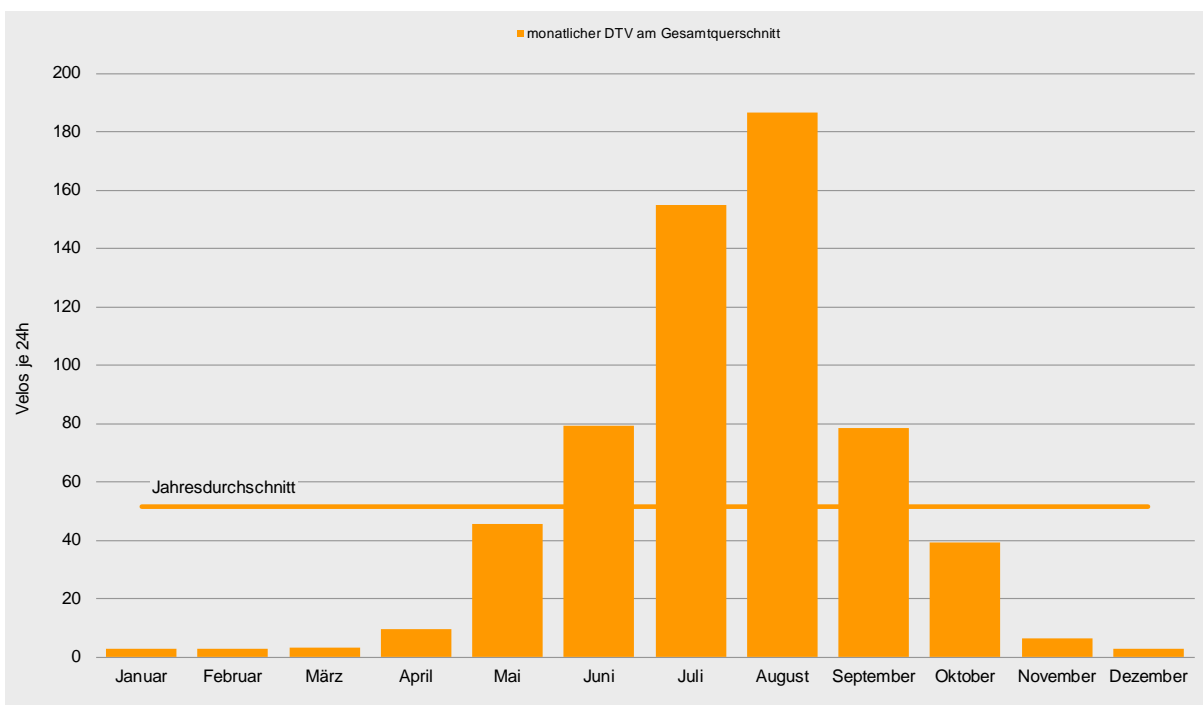
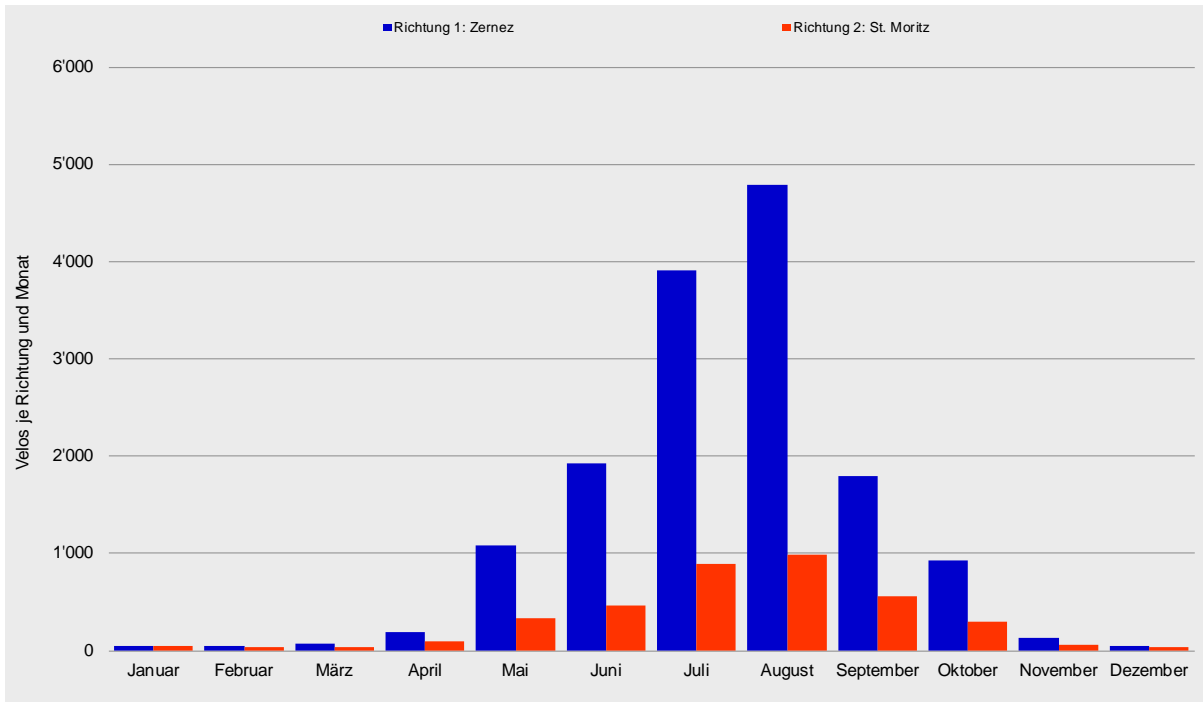


Velo-Zählanlage La Punt Auswertung 2012

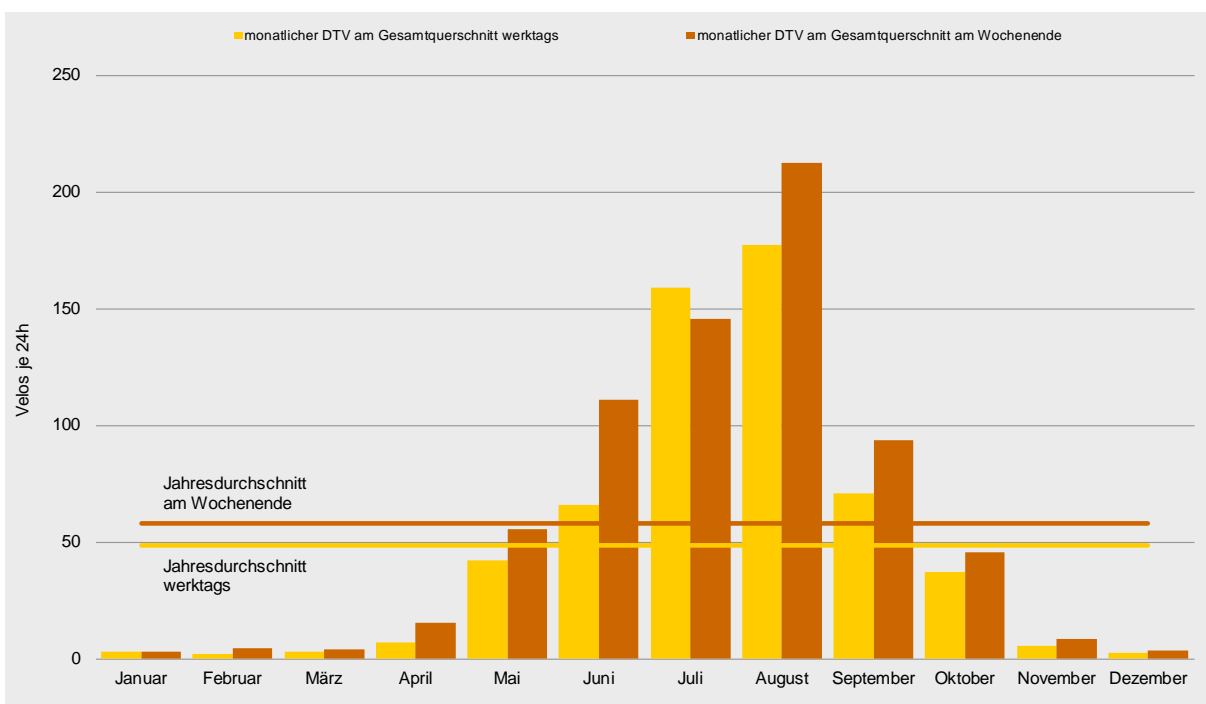
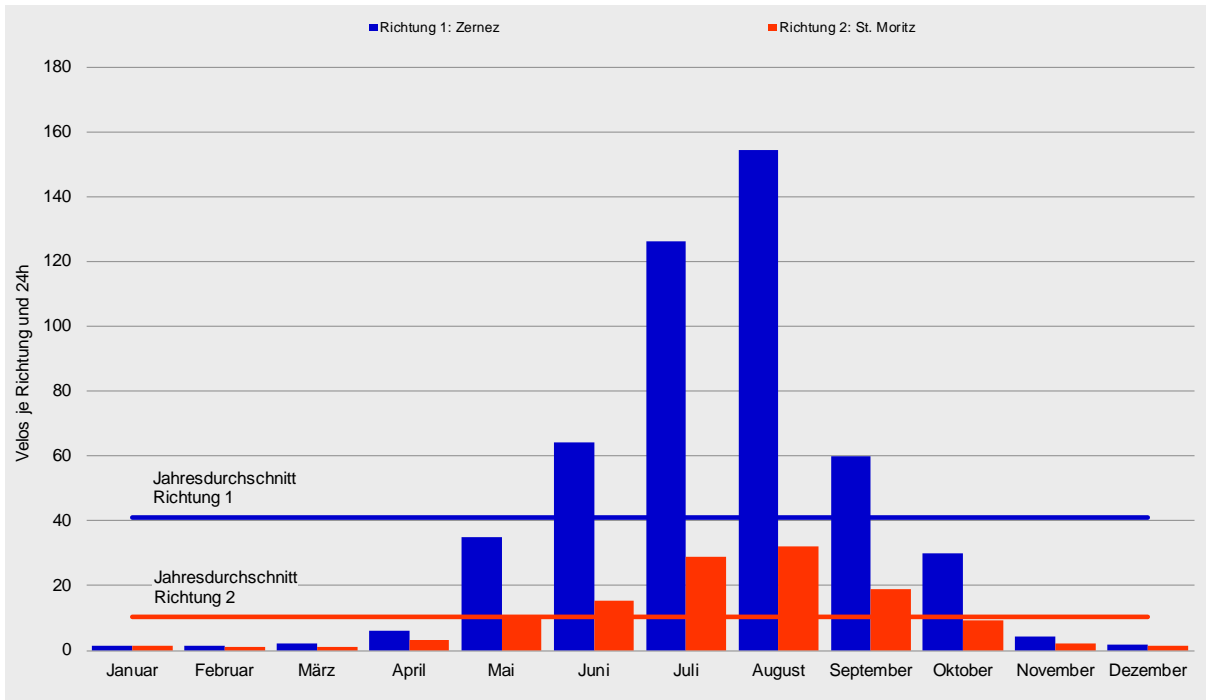




## Durchschnittlicher täglicher Veloverkehr 2012

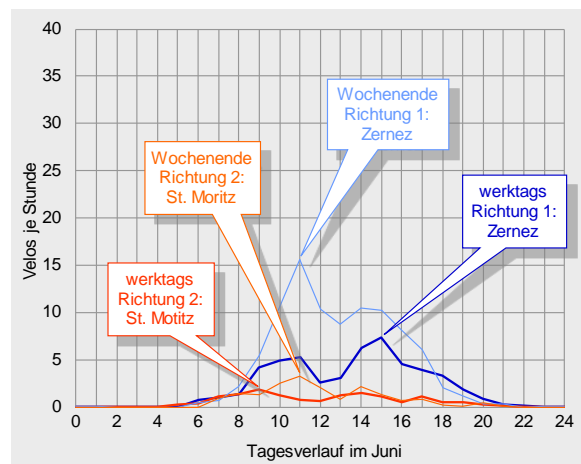
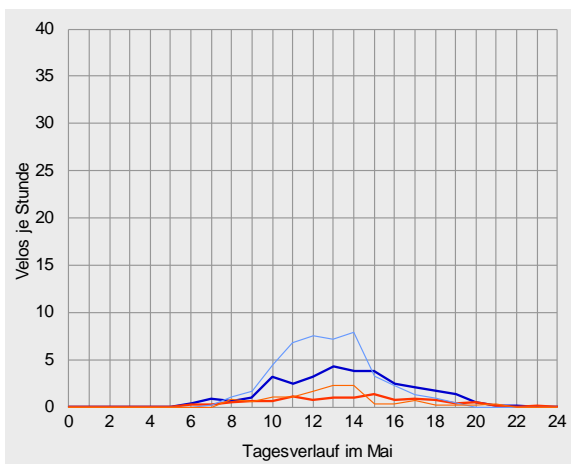
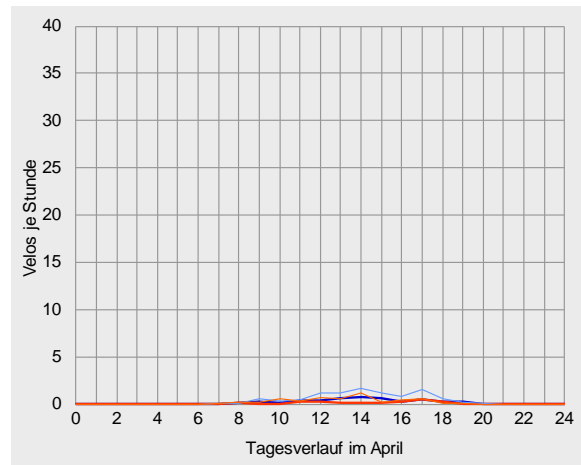
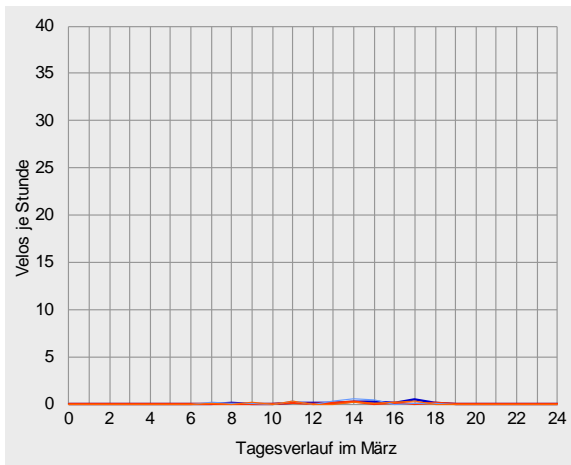
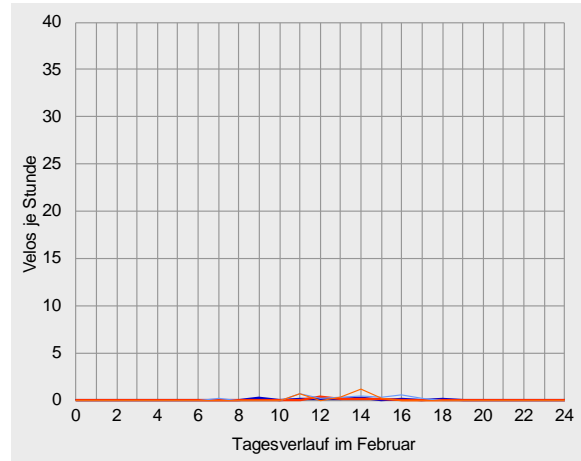
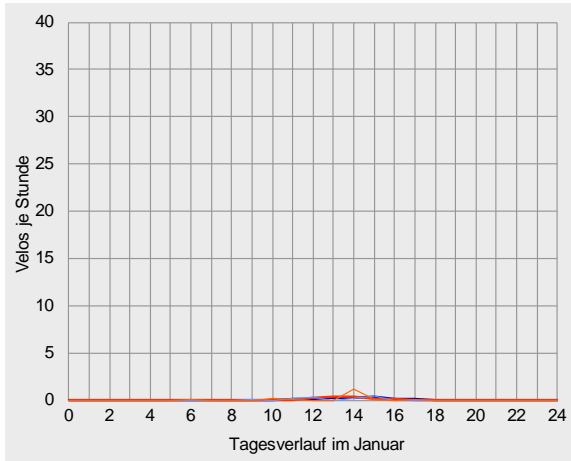






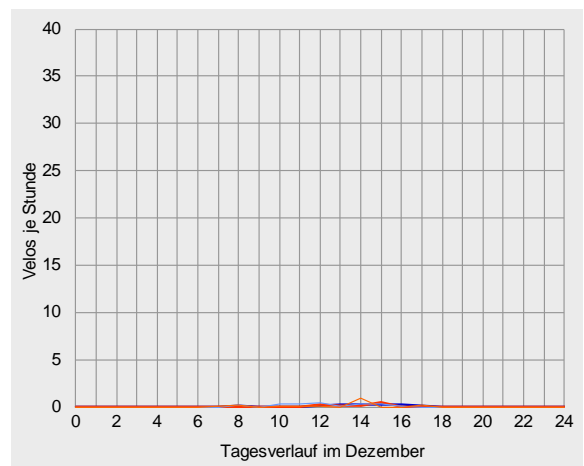
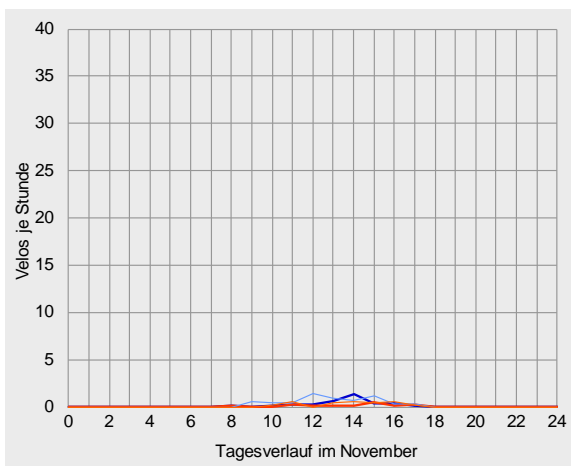
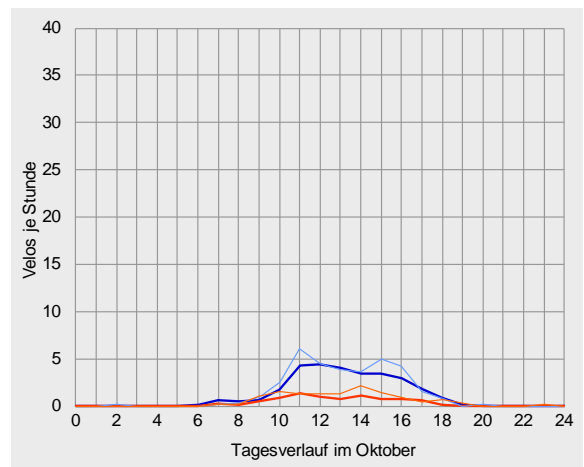
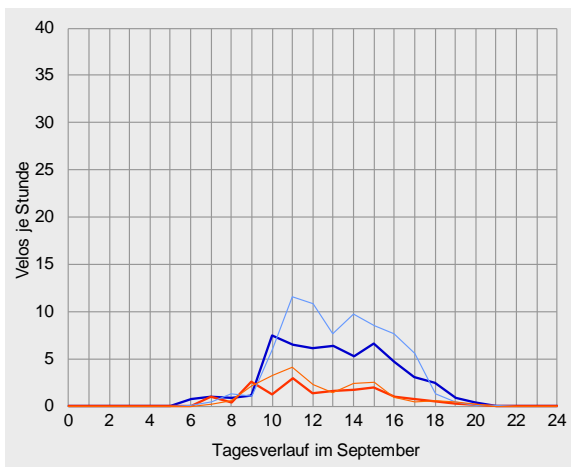
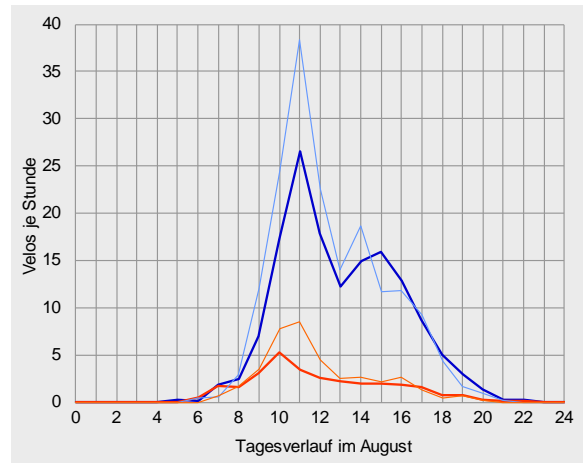
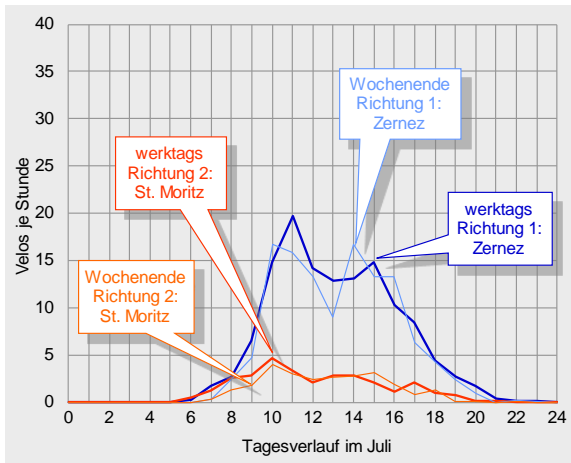


## Tagesganglinien 2012





Velo-Zählanlage La Punt Auswertung 2012





## Datenübersichten zur Velo-Zählanlage La Punt 2012

	Richtung 1: Zernez			Richtung 2: St. Moritz			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	45	0%	-12%	45	1%	+32%	90	0%	+6%
Februar	45	0%	-6%	33	1%	-6%	78	0%	-6%
März	67	0%	-3%	31	1%	-11%	98	1%	-6%
April	187	1%	-76%	93	2%	-78%	280	1%	-77%
Mai	1'083	7%	+3%	333	9%	-16%	1'416	8%	-2%
Juni	1'921	13%	-18%	458	12%	-35%	2'379	13%	-22%
Juli	3'909	26%	-11%	892	23%	-37%	4'801	26%	-17%
August	4'788	32%	-13%	989	26%	-39%	5'777	31%	-19%
September	1'792	12%	-13%	562	15%	-27%	2'354	13%	-17%
Oktober	928	6%	-8%	292	8%	-34%	1'220	6%	-16%
November	128	1%	-28%	60	2%	-39%	188	1%	-32%
Dezember	52	0%	-25%	40	1%	+11%	92	0%	-12%
2012	14'945	100%	-15%	3'828	100%	-36%	18'773	100%	-20%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	2	-96%	+13%	1	-87%	+38%	3	-94%	+23%
	Wochenende	1	-97%	-42%	2	-85%	+27%	3	-95%	-16%
	gesamt	1	-96%	-12%	1	-86%	+32%	3	-94%	+6%
Februar	w erktags	1	-97%	-17%	1	-92%	-34%	2	-96%	-25%
	Wochenende	2	-95%	+6%	2	-82%	+42%	5	-92%	+20%
	gesamt	2	-96%	-9%	1	-89%	-9%	3	-95%	-9%
März	w erktags	2	-95%	-9%	1	-92%	-34%	3	-94%	-18%
	Wochenende	2	-95%	+17%	2	-87%	+56%	4	-93%	+30%
	gesamt	2	-95%	-3%	1	-90%	-11%	3	-94%	-6%
April	w erktags	5	-88%	-77%	2	-78%	-81%	7	-86%	-78%
	Wochenende	10	-78%	-75%	5	-56%	-75%	15	-74%	-75%
	gesamt	6	-85%	-76%	3	-70%	-78%	9	-82%	-77%
Mai	w erktags	32	-18%	+14%	11	+7%	+5%	42	-13%	+11%
	Wochenende	45	-4%	-9%	11	-5%	-42%	56	-4%	-18%
	gesamt	35	-14%	+3%	11	+3%	-16%	46	-11%	-2%
Juni	w erktags	52	+34%	-27%	14	+42%	-30%	66	+35%	-28%
	Wochenende	93	+101%	-6%	18	+53%	-46%	111	+91%	-16%
	gesamt	64	+57%	-18%	15	+46%	-35%	79	+55%	-22%
Juli	w erktags	129	+233%	+1%	30	+202%	-29%	159	+227%	-6%
	Wochenende	120	+159%	-31%	26	+118%	-51%	145	+151%	-36%
	gesamt	126	+209%	-11%	29	+175%	-37%	155	+202%	-17%
August	w erktags	148	+282%	-19%	30	+197%	-43%	177	+265%	-24%
	Wochenende	174	+275%	+3%	39	+230%	-27%	212	+266%	-4%
	gesamt	154	+278%	-13%	32	+205%	-39%	186	+263%	-19%
September	w erktags	54	+38%	-13%	17	+76%	-21%	71	+46%	-15%
	Wochenende	72	+56%	-18%	21	+81%	-39%	94	+61%	-24%
	gesamt	60	+46%	-13%	19	+79%	-27%	78	+53%	-17%
Oktober	w erktags	29	-26%	+0%	8	-15%	-29%	37	-24%	-8%
	Wochenende	34	-28%	-19%	12	+4%	-36%	46	-21%	-24%
	gesamt	30	-27%	-8%	9	-10%	-34%	39	-23%	-16%
November	w erktags	4	-90%	-21%	2	-82%	-26%	6	-89%	-23%
	Wochenende	6	-88%	-38%	3	-79%	-56%	8	-86%	-45%
	gesamt	4	-90%	-28%	2	-81%	-39%	6	-88%	-32%
Dezember	w erktags	2	-96%	-22%	1	-89%	+10%	3	-95%	-11%
	Wochenende	2	-96%	-31%	2	-86%	+9%	4	-94%	-17%
	gesamt	2	-96%	-25%	1	-88%	+11%	3	-94%	-12%
2012	w erktags	39	0%	-14%	10	0%	-33%	49	0%	-19%
	Wochenende	46	0%	-18%	12	0%	-42%	58	0%	-25%
	gesamt	41	0%	-15%	10	0%	-36%	51	0%	-21%



Velo-Zählanlage La Punt Auswertung 2012

		Richtung 1: Zérez					Richtung 2: St. Moritz					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	3%	58%	36%	3%	0%	0%	76%	24%	0%	0%	2%	66%	31%	2%
	Wochenende	0%	0%	67%	33%	0%	0%	6%	81%	13%	0%	0%	4%	75%	21%	0%
	gesamt	0%	2%	60%	36%	2%	0%	2%	78%	20%	0%	0%	2%	69%	28%	1%
Februar	w erktags	0%	8%	65%	19%	8%	0%	0%	81%	19%	0%	0%	5%	71%	19%	5%
	Wochenende	0%	5%	58%	37%	0%	0%	0%	94%	6%	0%	0%	3%	75%	22%	0%
	gesamt	0%	7%	62%	27%	4%	0%	0%	88%	12%	0%	0%	4%	73%	21%	3%
März	w erktags	0%	13%	33%	43%	11%	0%	0%	65%	18%	18%	0%	10%	41%	37%	13%
	Wochenende	0%	14%	57%	24%	5%	0%	7%	50%	43%	0%	0%	11%	54%	31%	3%
	gesamt	0%	13%	40%	37%	9%	0%	3%	58%	29%	10%	0%	10%	46%	35%	9%
April	w erktags	0%	3%	55%	31%	11%	0%	9%	39%	39%	13%	0%	5%	50%	34%	12%
	Wochenende	0%	2%	54%	34%	9%	0%	6%	66%	23%	4%	0%	4%	58%	31%	7%
	gesamt	0%	3%	55%	33%	10%	0%	8%	53%	31%	9%	0%	4%	54%	32%	10%
Mai	w erktags	0%	6%	56%	26%	12%	0%	9%	47%	27%	17%	0%	7%	54%	27%	13%
	Wochenende	0%	3%	79%	15%	3%	0%	7%	78%	10%	6%	0%	3%	79%	14%	3%
	gesamt	0%	5%	64%	23%	9%	0%	8%	55%	23%	14%	0%	6%	62%	23%	10%
Juni	w erktags	0%	6%	51%	31%	13%	2%	20%	50%	18%	9%	1%	9%	51%	28%	12%
	Wochenende	0%	3%	66%	26%	4%	0%	13%	67%	15%	5%	0%	5%	66%	25%	4%
	gesamt	0%	5%	57%	29%	9%	1%	18%	56%	17%	8%	0%	7%	57%	27%	9%
Juli	w erktags	0%	4%	63%	26%	7%	0%	14%	61%	18%	6%	0%	6%	63%	25%	7%
	Wochenende	0%	2%	64%	27%	7%	0%	6%	65%	23%	6%	0%	3%	64%	27%	7%
	gesamt	0%	3%	63%	26%	7%	0%	12%	62%	19%	6%	0%	5%	63%	25%	7%
August	w erktags	0%	3%	65%	25%	7%	0%	13%	62%	18%	7%	0%	5%	64%	24%	7%
	Wochenende	0%	2%	75%	19%	4%	0%	6%	76%	15%	3%	0%	3%	75%	18%	4%
	gesamt	0%	3%	68%	23%	6%	0%	10%	67%	17%	6%	0%	4%	68%	22%	6%
September	w erktags	0%	5%	61%	27%	7%	0%	8%	65%	21%	5%	0%	6%	62%	25%	6%
	Wochenende	0%	2%	65%	30%	3%	0%	4%	73%	18%	5%	0%	3%	67%	27%	3%
	gesamt	0%	4%	63%	28%	5%	0%	6%	68%	20%	5%	0%	4%	64%	26%	5%
Oktober	w erktags	0%	4%	64%	29%	3%	0%	6%	65%	25%	4%	0%	4%	64%	28%	4%
	Wochenende	0%	1%	64%	32%	3%	0%	2%	68%	21%	8%	0%	1%	65%	29%	4%
	gesamt	0%	3%	64%	30%	3%	0%	4%	66%	24%	5%	0%	3%	65%	28%	4%
November	w erktags	0%	5%	68%	24%	2%	0%	8%	40%	48%	5%	0%	6%	59%	32%	3%
	Wochenende	0%	0%	72%	28%	0%	0%	0%	60%	40%	0%	0%	0%	68%	32%	0%
	gesamt	0%	3%	70%	26%	2%	0%	5%	47%	45%	3%	0%	4%	62%	32%	2%
Dezember	w erktags	3%	9%	41%	47%	0%	0%	9%	48%	43%	0%	2%	9%	44%	45%	0%
	Wochenende	0%	10%	70%	20%	0%	0%	18%	71%	12%	0%	0%	14%	70%	16%	0%
	gesamt	2%	10%	52%	37%	0%	0%	13%	58%	30%	0%	1%	11%	54%	34%	0%
2012	w erktags	0%	4%	61%	27%	8%	0%	12%	59%	21%	7%	0%	6%	61%	26%	8%
	Wochenende	0%	3%	68%	25%	4%	0%	6%	71%	18%	5%	0%	3%	69%	23%	4%
	gesamt	0%	4%	64%	26%	7%	0%	10%	63%	20%	7%	0%	5%	64%	25%	7%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		6		11-12 Uhr		1		10-11 Uhr		7		11-12 Uhr				
Wochenende		8		11-12 Uhr		2		11-12 Uhr		10		11-12 Uhr				
über alle Tage 2012		6		11-12 Uhr		1		11-12 Uhr		8		11-12 Uhr				





## Velo-Zählanlage Emmen LU (18)

### Auswertung 2012

Der Messquerschnitt in Emmen zählt zu den stärker belasteten Querschnitten auf dem nationalen Veloland-Routennetz. Hier sind in erster Linie sehr viele Pendler unterwegs. Insgesamt wurden im Jahr 2012 über 190'000 Velofahrende erfasst. Hauptsaison war der Zeitraum von Mai bis August. Die getrennte Betrachtung nach Fahrtrichtungen ergab, dass der Veloverkehr in Richtung Rotkreuz überwog. Das durchschnittliche tägliche Veloverkehrsaufkommen am Messquerschnitt in Emmen lag 2012 bei 525 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der frühen Abendstunden zu

verzeichnen. Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 17 und 18 Uhr verzeichnet, hier passierten im Durchschnitt 62 Velos den Messquerschnitt.

Die Velo-Zählanlage in Emmen hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert

### Standort

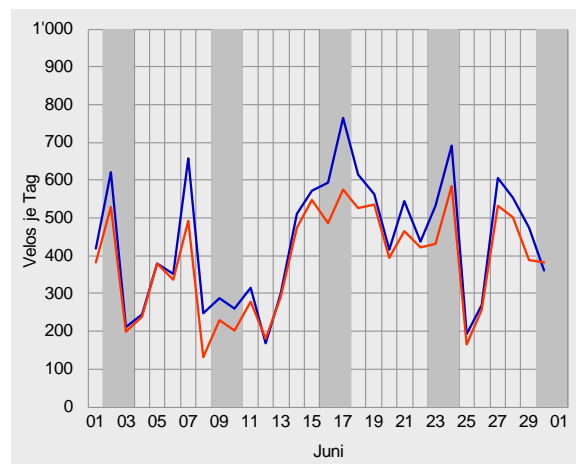
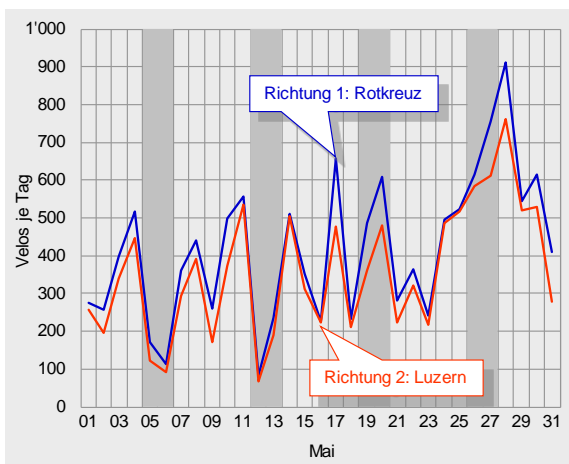
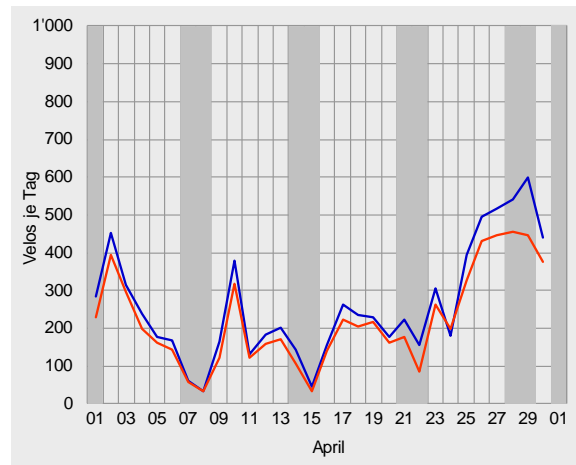
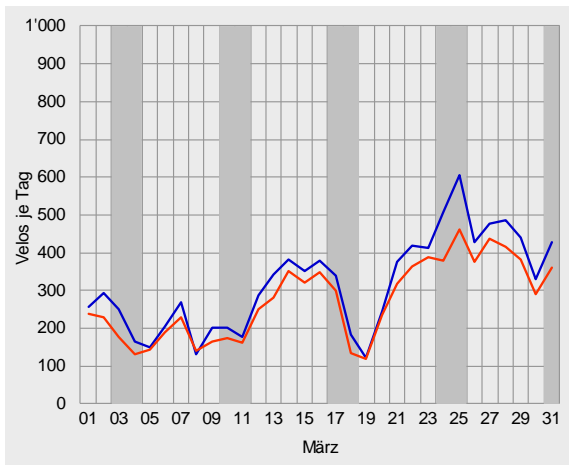
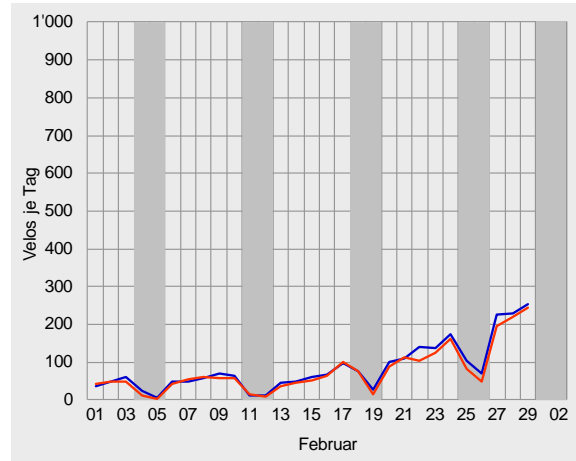
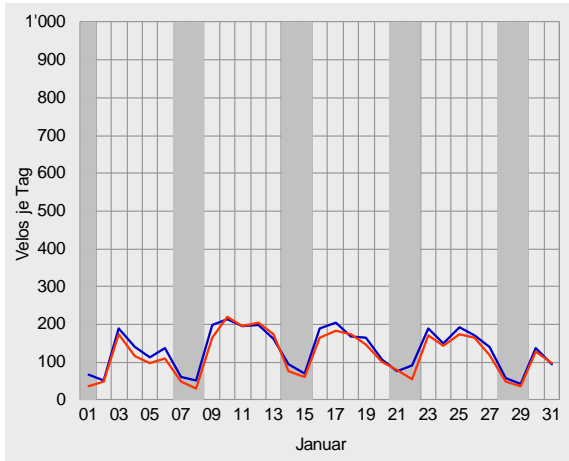
Die Velo-Zählanlage Emmen liegt im Kanton Luzern. An ihr führen zwei Routen des nationalen Velolandnetzes vorbei: Die Nord-Süd-Route 3 und die Seen-Route 9.

Die Velo-Zählanlage befindet sich in Emmen Dorf in unmittelbarer Nähe zur parallel verlaufenden Reuss zwischen Rotkreuz und Luzern auf dem Dammweg.

Auf dem Dammweg ist kein allgemeiner Motorfahrzeugverkehr zugelassen. In Höhe der Velo-Zählanlage mündet die Spitalhofstrasse ein und die Streckenführung weisst im Kreuzungsbereich einen leichten Versatz auf. Der Querschnitt verfügt über eine Breite von ca. 2 m. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit gute Bedingungen zum Velo fahren.



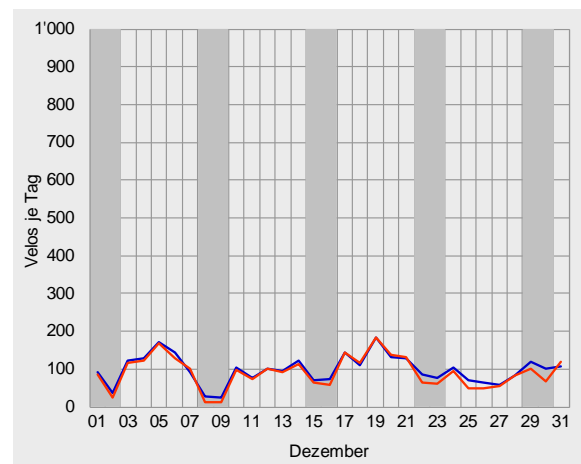
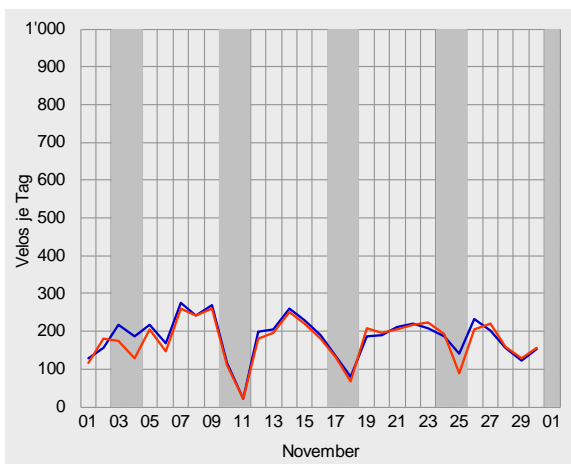
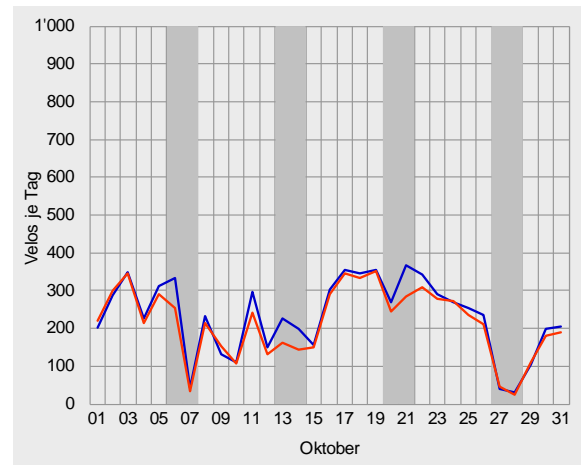
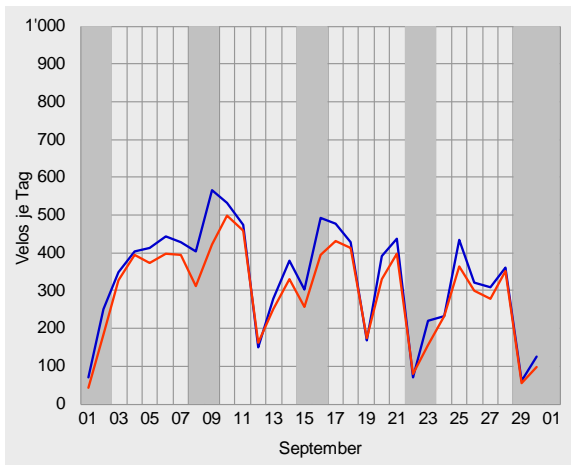
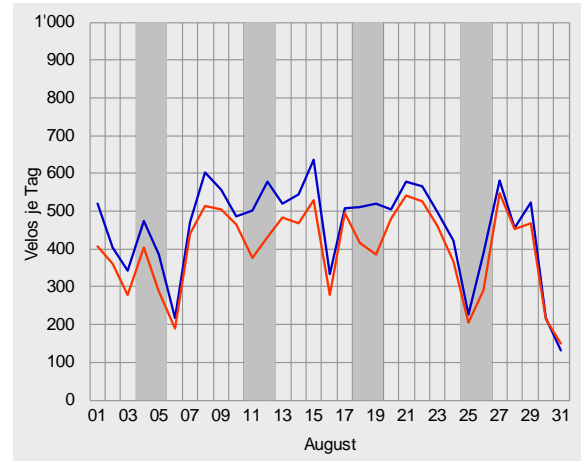
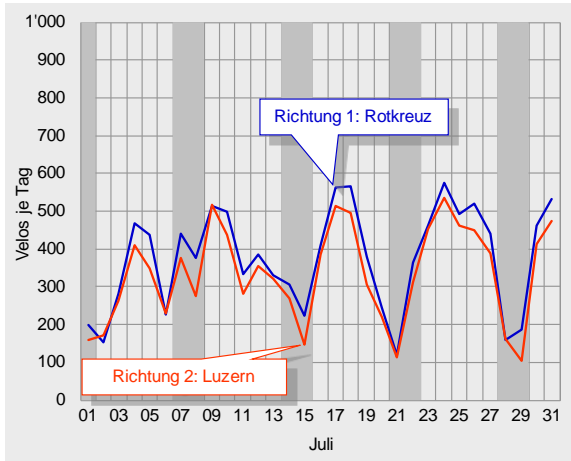
## Veloverkehrsaufkommen 2012





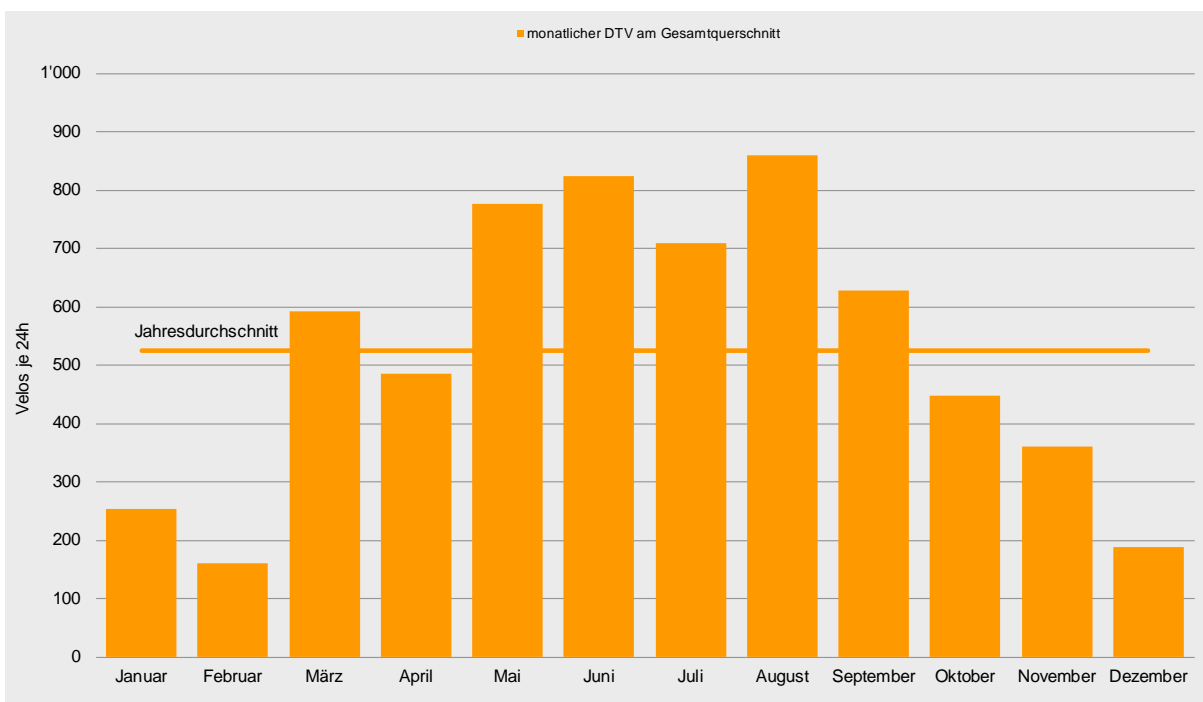
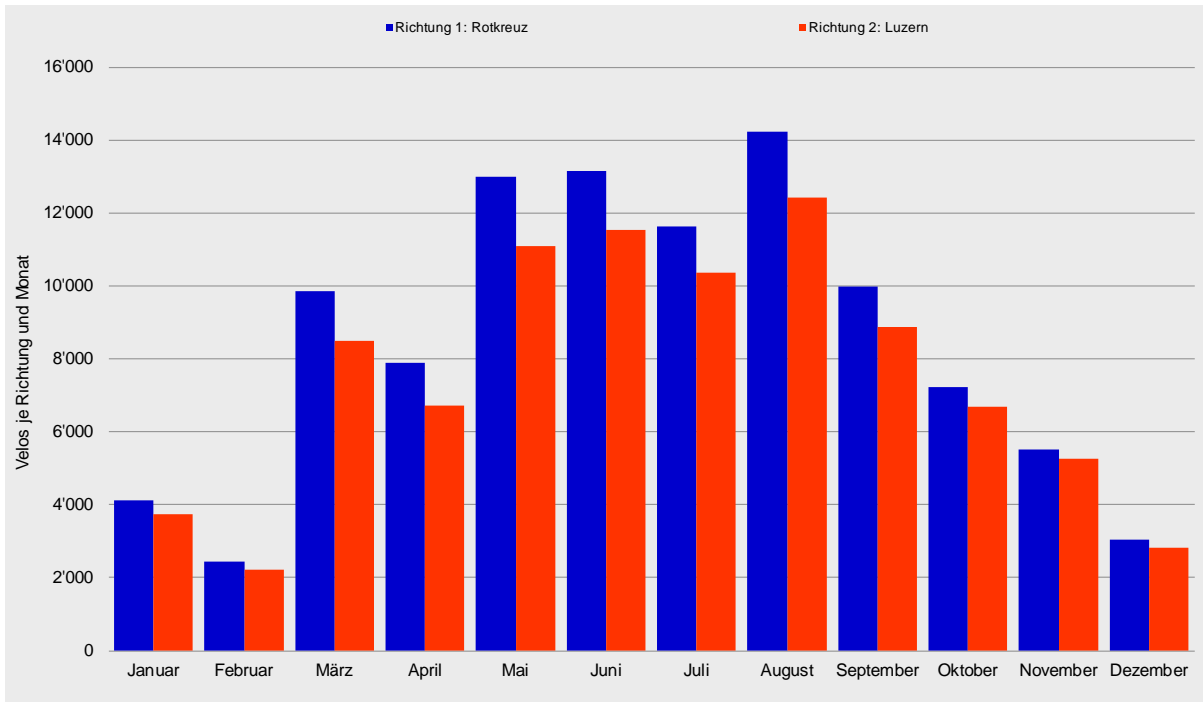


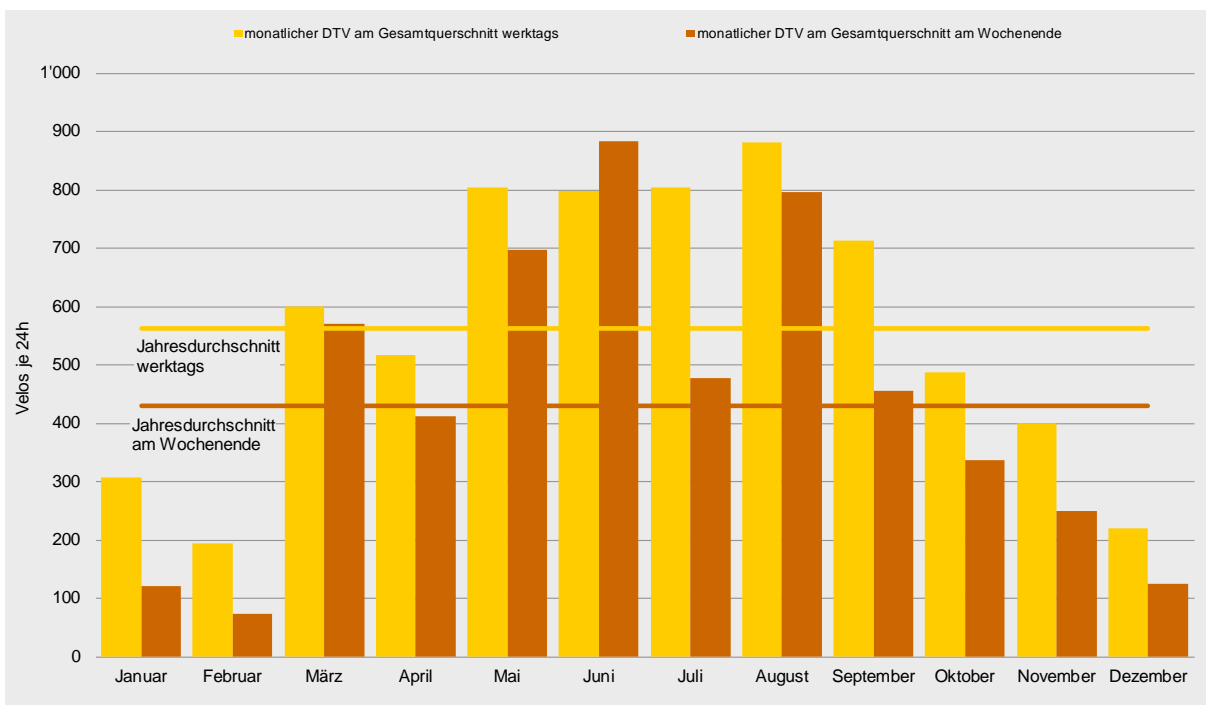
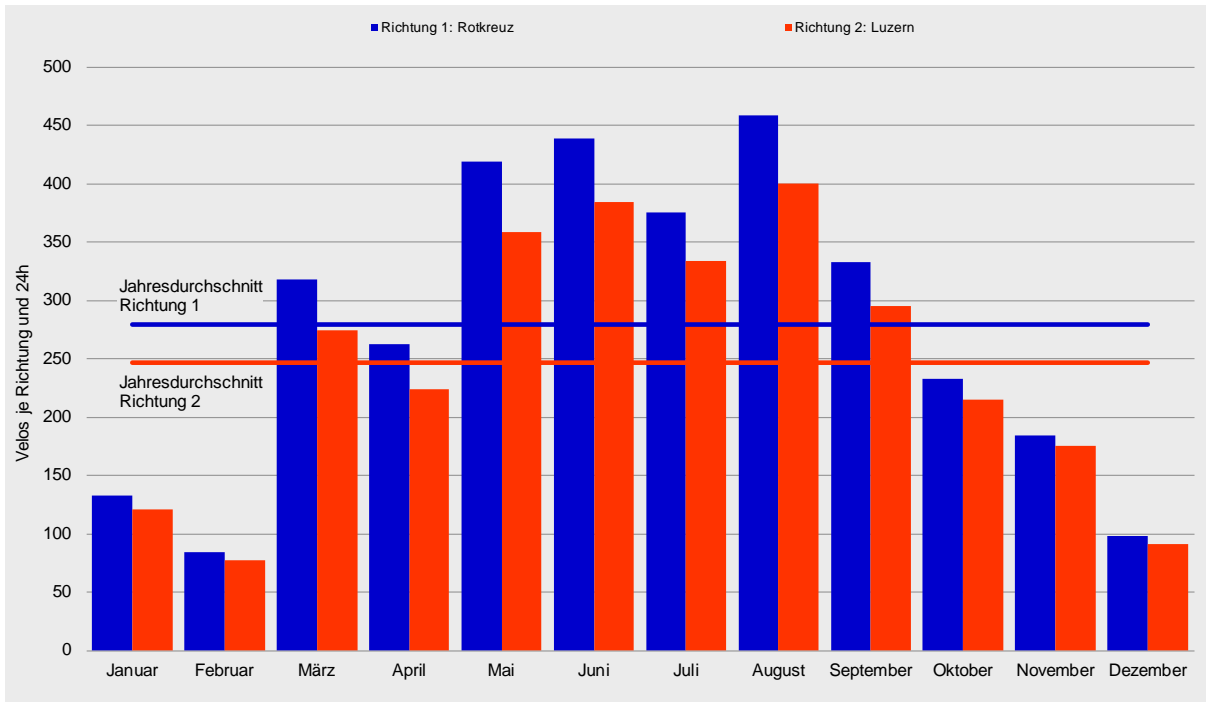
Velo-Zählanlage Emmen Auswertung 2012





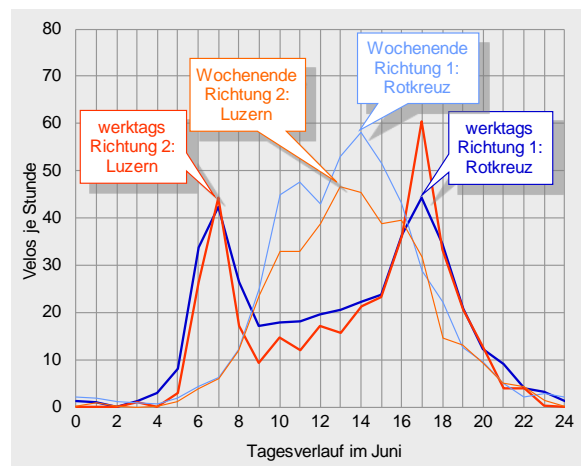
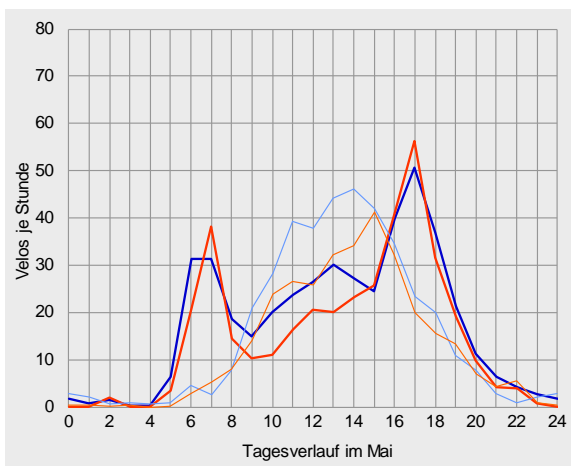
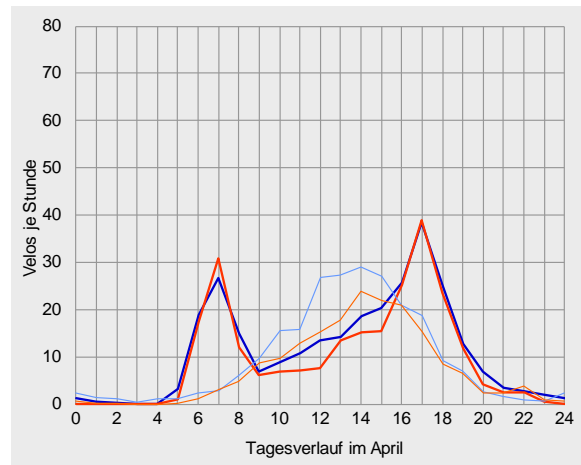
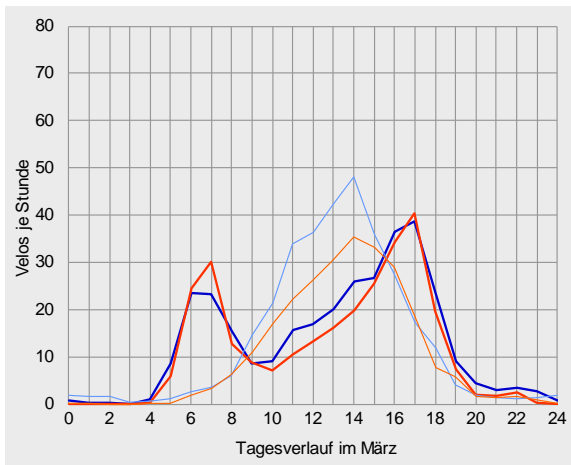
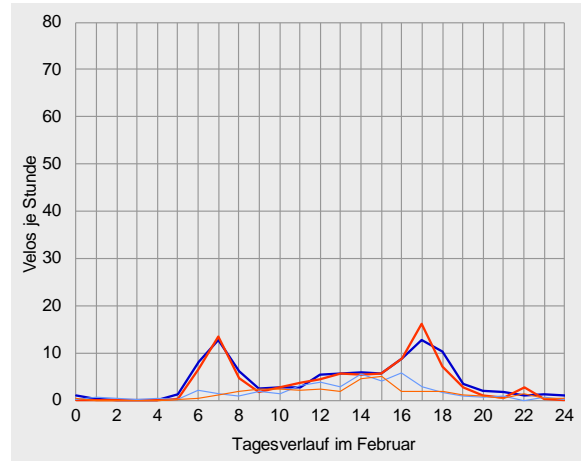
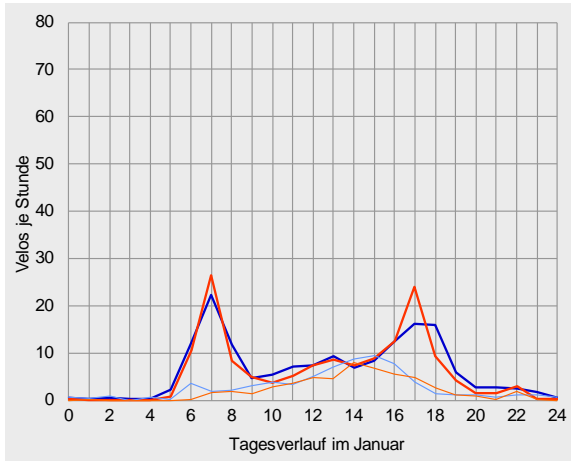
## Durchschnittlicher täglicher Veloverkehr 2012

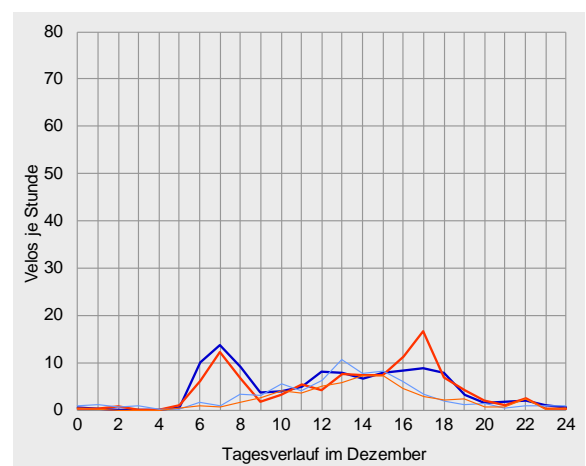
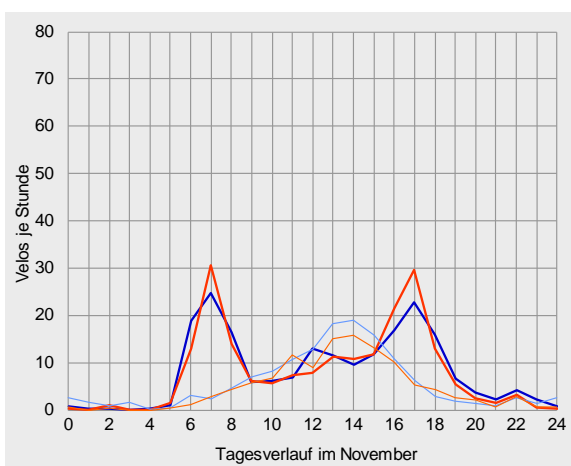
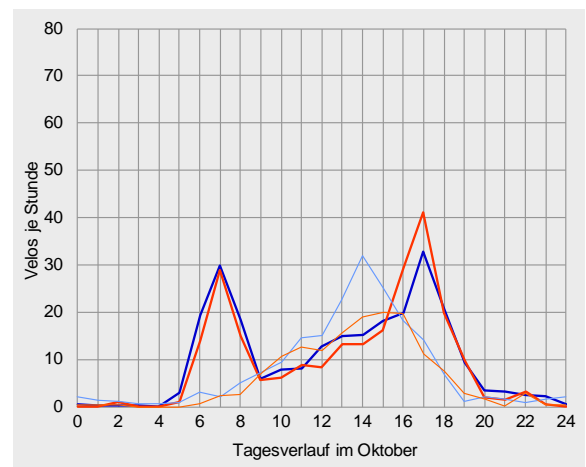
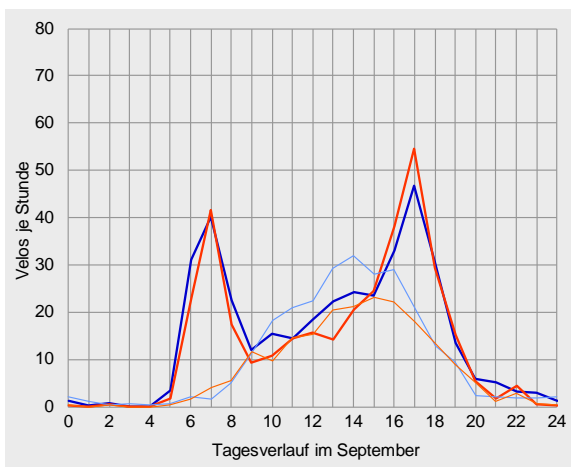
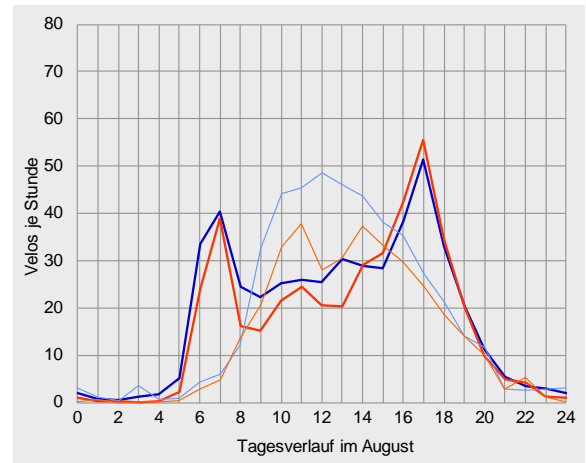
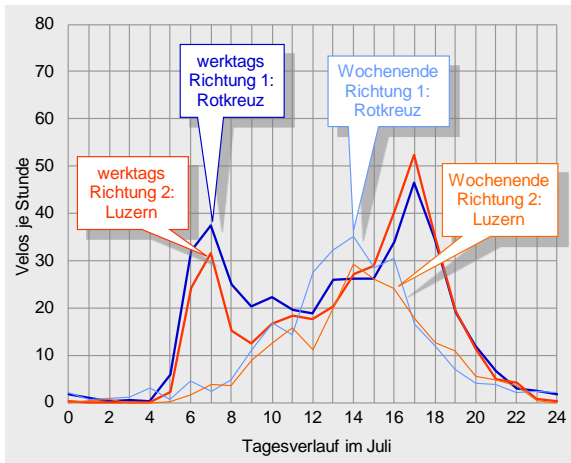






## Tagesganglinien 2012







## Datenübersichten zur Velo-Zählanlage Emmen 2012

	Richtung 1: Rotkreuz			Richtung 2: Luzern			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	4'109	4%	+19%	3'740	4%	+23%	7'849	4%	+20%
Februar	2'448	2%	-43%	2'227	2%	-43%	4'675	2%	-43%
März	9'838	10%	+43%	8'489	9%	+39%	18'327	10%	+41%
April	7'878	8%	-41%	6'703	7%	-44%	14'581	8%	-43%
Mai	12'993	13%	+4%	11'096	12%	-1%	24'089	13%	+2%
Juni	13'161	13%	+4%	11'529	13%	+12%	24'690	13%	+8%
Juli	11'641	11%	+2%	10'350	11%	+7%	21'991	11%	+4%
August	14'210	14%	-1%	12'413	14%	+1%	26'623	14%	+0%
September	9'969	10%	-18%	8'859	10%	-16%	18'828	10%	-17%
Oktober	7'219	7%	+2%	6'675	7%	+1%	13'894	7%	+1%
November	5'514	5%	-12%	5'269	6%	-8%	10'783	6%	-10%
Dezember	3'037	3%	-17%	2'824	3%	-15%	5'861	3%	-16%
2012	102'017	100%	-6%	90'174	100%	-5%	192'191	100%	-5%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	159	-46%	+23%	149	-45%	+25%	308	-45%	+24%
	Wochenende	68	-72%	-11%	53	-73%	-5%	120	-72%	-8%
	gesamt	133	-52%	+19%	121	-51%	+23%	253	-52%	+20%
Februar	w erktags	101	-66%	-40%	93	-65%	-41%	194	-65%	-41%
	Wochenende	41	-83%	-65%	33	-83%	-64%	74	-83%	-64%
	gesamt	84	-70%	-45%	77	-69%	-45%	161	-69%	-45%
März	w erktags	317	+8%	+32%	282	+5%	+27%	600	+6%	+29%
	Wochenende	317	+33%	+87%	253	+32%	+109%	571	+33%	+96%
	gesamt	317	+14%	+43%	274	+11%	+39%	591	+13%	+41%
April	w erktags	276	-6%	-32%	242	-10%	-37%	518	-8%	-34%
	Wochenende	231	-3%	-58%	181	-6%	-59%	412	-4%	-58%
	gesamt	263	-6%	-41%	223	-9%	-44%	486	-7%	-43%
Mai	w erktags	432	+46%	+19%	373	+39%	+11%	805	+43%	+15%
	Wochenende	383	+60%	-24%	314	+64%	-25%	697	+62%	-25%
	gesamt	419	+50%	+4%	358	+45%	-1%	777	+48%	+2%
Juni	w erktags	421	+43%	+4%	377	+40%	+11%	798	+42%	+7%
	Wochenende	480	+101%	+1%	402	+110%	+15%	882	+105%	+7%
	gesamt	439	+57%	+4%	384	+56%	+12%	823	+57%	+8%
Juli	w erktags	421	+43%	+12%	383	+43%	+17%	805	+43%	+14%
	Wochenende	263	+10%	-24%	213	+11%	-24%	476	+11%	-24%
	gesamt	376	+35%	+2%	334	+36%	+7%	709	+35%	+4%
August	w erktags	462	+57%	-1%	418	+56%	+3%	880	+56%	+1%
	Wochenende	448	+88%	+1%	349	+82%	-2%	797	+85%	-0%
	gesamt	458	+64%	-1%	400	+63%	+1%	859	+64%	+0%
September	w erktags	370	+26%	-10%	343	+28%	-7%	713	+27%	-9%
	Wochenende	256	+7%	-33%	200	+4%	-35%	456	+6%	-34%
	gesamt	332	+19%	-18%	295	+20%	-16%	628	+20%	-17%
Oktober	w erktags	248	-16%	+3%	238	-11%	-2%	487	-14%	+0%
	Wochenende	188	-21%	-6%	149	-22%	-4%	337	-22%	-5%
	gesamt	233	-16%	+2%	215	-13%	+1%	448	-15%	+1%
November	w erktags	201	-32%	-13%	198	-26%	-9%	399	-29%	-11%
	Wochenende	136	-43%	-8%	114	-41%	-1%	250	-42%	-5%
	gesamt	184	-34%	-12%	176	-29%	-8%	359	-32%	-10%
Dezember	w erktags	111	-62%	-18%	108	-60%	-13%	220	-61%	-16%
	Wochenende	70	-71%	-7%	55	-71%	-13%	125	-71%	-9%
	gesamt	98	-65%	-17%	91	-63%	-15%	189	-64%	-16%
2012	w erktags	295	0%	-2%	268	0%	-1%	563	0%	-2%
	Wochenende	239	0%	-17%	192	0%	-16%	431	0%	-17%
	gesamt	279	0%	-6%	246	0%	-5%	525	0%	-6%



Velo-Zählanlage Emmen Auswertung 2012

		Richtung 1: Rotkreuz					Richtung 2: Luzern					Gesamtquerschnitt					
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	
Januar	w erktags	2%	29%	26%	23%	20%	1%	30%	25%	31%	13%	1%	30%	25%	27%	17%	
	Wochenende	4%	11%	45%	31%	9%	0%	7%	48%	32%	13%	2%	9%	46%	31%	11%	
	gesamt	2%	26%	29%	24%	18%	1%	27%	28%	31%	13%	2%	27%	28%	27%	16%	
Februar	w erktags	3%	27%	24%	27%	19%	0%	26%	25%	33%	15%	1%	27%	25%	30%	17%	
	Wochenende	3%	10%	45%	31%	11%	2%	9%	47%	26%	16%	3%	10%	46%	29%	13%	
	gesamt	3%	25%	27%	27%	18%	0%	24%	28%	32%	15%	2%	25%	27%	30%	17%	
März	w erktags	3%	20%	30%	32%	15%	2%	24%	27%	35%	12%	3%	22%	29%	34%	13%	
	Wochenende	2%	4%	62%	25%	7%	0%	4%	56%	32%	7%	1%	4%	59%	28%	7%	
	gesamt	3%	15%	39%	30%	12%	2%	19%	35%	34%	11%	2%	17%	37%	32%	12%	
April	w erktags	2%	22%	26%	31%	19%	0%	25%	23%	33%	18%	1%	23%	25%	32%	19%	
	Wochenende	3%	5%	54%	29%	9%	1%	5%	49%	32%	14%	2%	5%	52%	30%	11%	
	gesamt	2%	17%	34%	30%	17%	0%	20%	29%	33%	17%	1%	19%	32%	31%	17%	
Mai	w erktags	2%	19%	33%	27%	19%	1%	20%	27%	33%	19%	2%	19%	30%	30%	19%	
	Wochenende	2%	4%	56%	26%	12%	0%	5%	50%	30%	15%	1%	4%	54%	28%	13%	
	gesamt	2%	15%	38%	27%	17%	1%	16%	32%	32%	18%	2%	16%	36%	29%	18%	
Juni	w erktags	3%	24%	27%	25%	20%	1%	23%	24%	32%	20%	2%	24%	26%	28%	20%	
	Wochenende	2%	5%	57%	26%	11%	1%	5%	55%	27%	12%	1%	5%	56%	26%	12%	
	gesamt	3%	18%	37%	25%	17%	1%	18%	34%	30%	17%	2%	18%	35%	28%	17%	
Juli	w erktags	2%	22%	32%	25%	18%	1%	18%	29%	32%	20%	1%	21%	31%	28%	19%	
	Wochenende	3%	4%	52%	29%	12%	1%	4%	46%	32%	18%	2%	4%	49%	30%	14%	
	gesamt	2%	19%	36%	26%	17%	1%	16%	32%	32%	19%	2%	17%	34%	29%	18%	
August	w erktags	2%	21%	34%	26%	17%	1%	19%	31%	31%	18%	2%	20%	33%	28%	17%	
	Wochenende	2%	5%	58%	22%	12%	0%	6%	54%	25%	15%	1%	5%	56%	24%	13%	
	gesamt	2%	17%	40%	25%	15%	1%	16%	36%	30%	17%	2%	17%	38%	27%	16%	
September	w erktags	1%	25%	29%	28%	17%	1%	24%	25%	34%	17%	1%	25%	27%	31%	17%	
	Wochenende	2%	3%	52%	30%	12%	1%	6%	47%	32%	16%	1%	4%	50%	31%	14%	
	gesamt	2%	20%	35%	29%	15%	1%	20%	30%	34%	16%	1%	20%	32%	31%	16%	
Oktober	w erktags	2%	27%	26%	28%	17%	1%	24%	23%	36%	15%	1%	26%	25%	32%	16%	
	Wochenende	3%	5%	53%	30%	7%	1%	4%	51%	34%	10%	2%	5%	53%	32%	9%	
	gesamt	2%	23%	32%	29%	15%	1%	20%	28%	36%	15%	1%	22%	30%	32%	15%	
November	w erktags	1%	30%	26%	26%	17%	1%	29%	25%	32%	13%	1%	29%	25%	29%	15%	
	Wochenende	5%	7%	56%	24%	8%	1%	7%	56%	25%	11%	3%	7%	56%	25%	9%	
	gesamt	2%	25%	32%	25%	15%	1%	25%	30%	31%	13%	2%	25%	31%	28%	14%	
Dezember	w erktags	1%	29%	31%	23%	15%	2%	23%	27%	33%	16%	2%	26%	29%	27%	15%	
	Wochenende	5%	8%	53%	25%	9%	1%	5%	51%	27%	15%	4%	7%	52%	26%	12%	
	gesamt	2%	25%	36%	23%	14%	2%	20%	32%	31%	15%	2%	22%	34%	27%	15%	
2012	w erktags	2%	23%	30%	27%	18%	1%	23%	26%	33%	17%	2%	23%	28%	30%	17%	
	Wochenende	3%	5%	56%	27%	10%	1%	5%	52%	29%	13%	2%	5%	54%	28%	12%	
	gesamt	2%	19%	36%	27%	16%	1%	19%	32%	32%	16%	2%	19%	34%	29%	16%	
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum	
w erktags		34		17-18 Uhr		41		17-18 Uhr		75		17-18 Uhr		75		17-18 Uhr	
Wochenende		30		14-15 Uhr		23		14-15 Uhr		54		14-15 Uhr		54		14-15 Uhr	
über alle Tage 2012		29		17-18 Uhr		33		17-18 Uhr		62		17-18 Uhr		62		17-18 Uhr	







## Velo-Zählanlage Hemishofen SH (23)

### Auswertung 2012

Der Messquerschnitt in Hemishofen wird überwiegend vom Freizeitverkehr genutzt. Insgesamt wurden 2012 ca. 142'000 Velofahrende registriert – eine Abnahme um ca. 11 % gegenüber dem Vorjahr. Hauptsaison war der Zeitraum von Mai bis September. Die Fahrrichtungen sind nahezu gleichstark belastet gewesen, das durchschnittliche tägliche Veloverkehrsaufkommen lag 2012 bei 388 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der Nachmittagsstunden zu verzeichnen. Über das gesamte Jahr 2012 hinweg betrachtet wurde die

höchste Belastung zwischen 14 und 15 Uhr verzeichnet, hier passierten im Durchschnitt 42 Velos den Messquerschnitt.

Die Velo-Zählanlage Hemishofen hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

### Standort

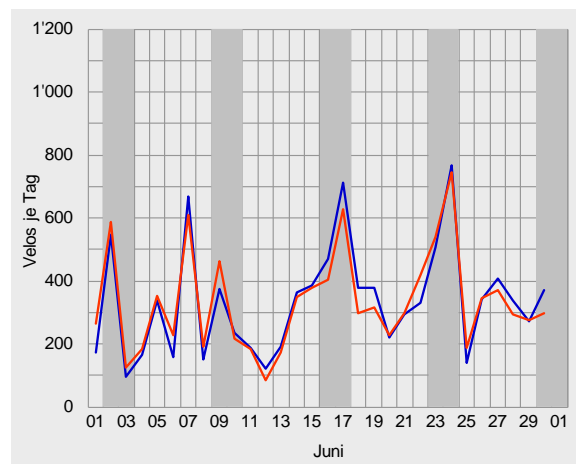
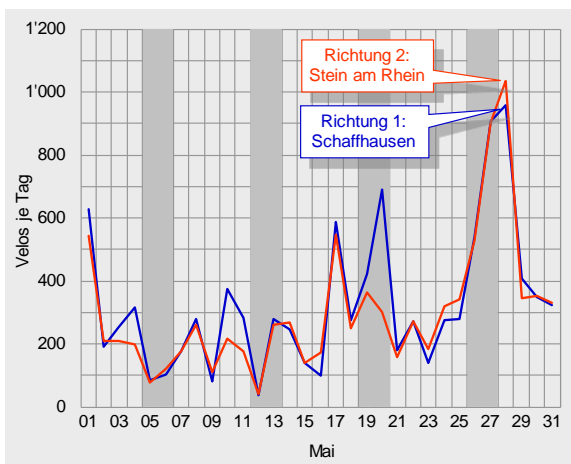
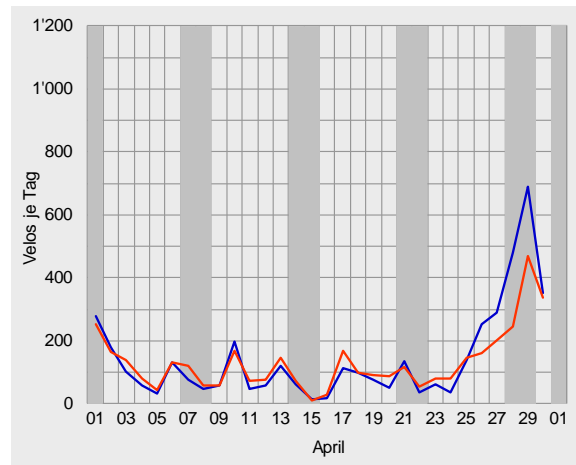
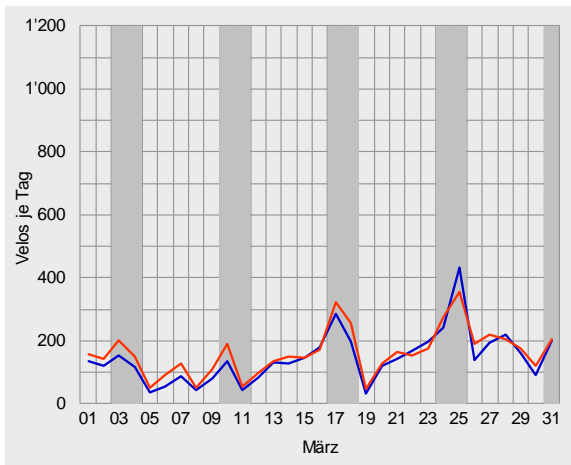
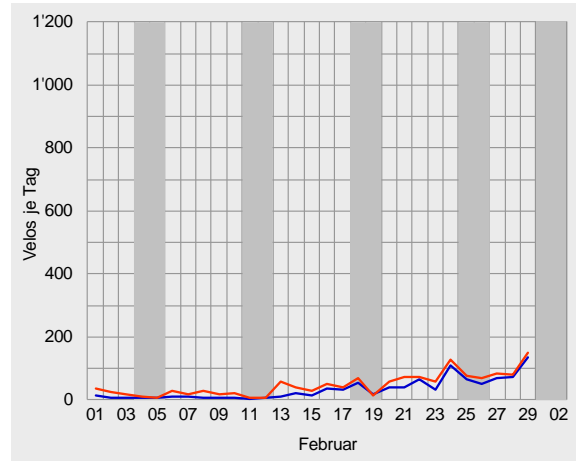
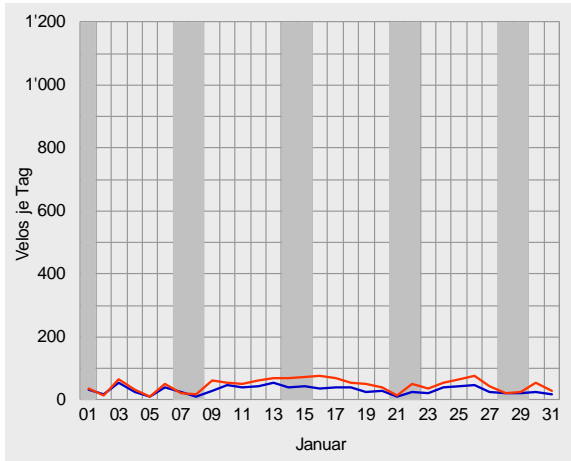
Die Velo-Zählanlage Hemishofen liegt im Kanton Schaffhausen an der Rhein-Route 2 des nationalen Velolandnetzes. An ihr führt zugleich die internationale EuroVelo-Route 6 Atlantik - Schwarzes Meer (von Nantes nach Budapest) vorbei.

Die Velo-Zählanlage befindet sich südöstlich vor dem Ortseingang von Hemishofen zwischen Schaffhausen und Stein am Rhein auf der Hemishoferstrasse.

Die Zählanlage befindet sich in unmittelbarer Nähe des niveaufrei ausgeführten Knotenpunktes der Hemishoferstrasse mit der Ortsumfahrung der Nationalstrasse 332, wobei der Radweg getrennt von der Fahrbahn angelegt ist. In Höhe der Velo-Zählanlage verfügt der Querschnitt über eine Breite von ca. 3 m. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren.

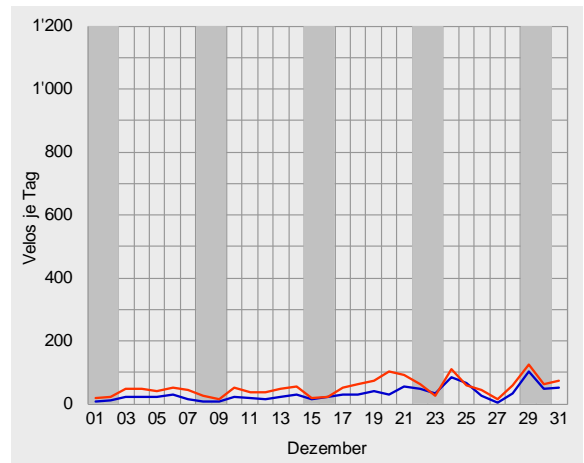
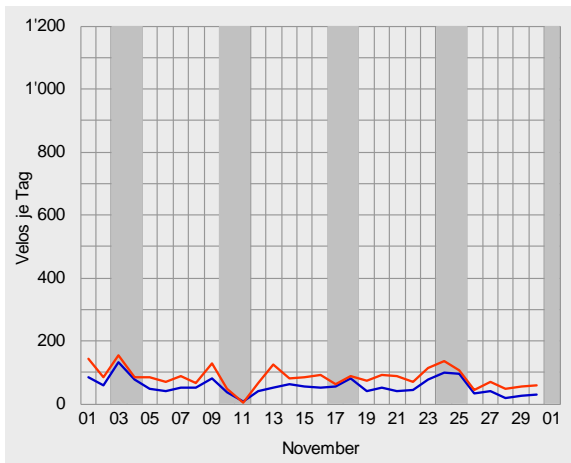
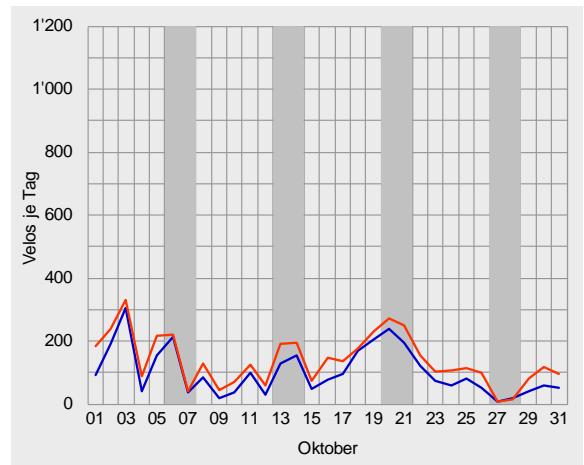
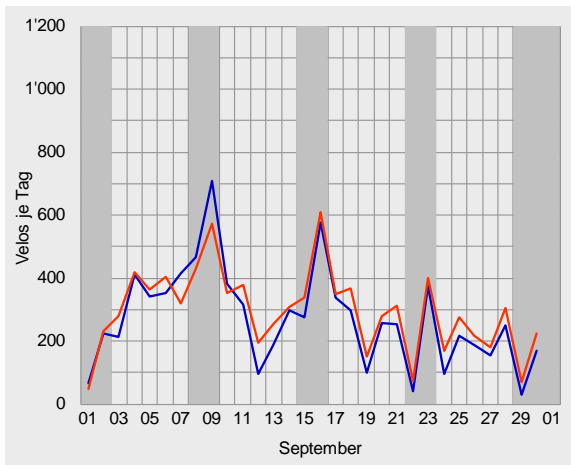
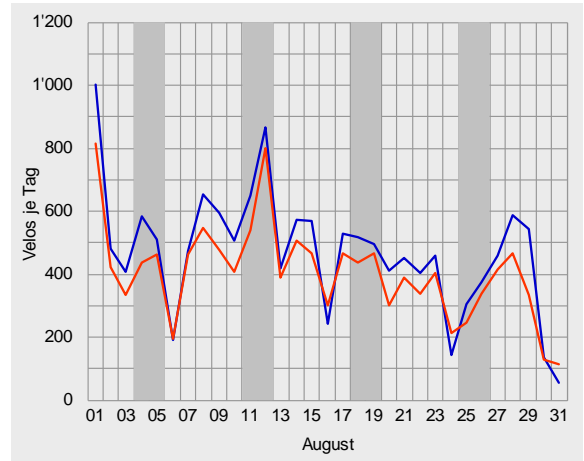
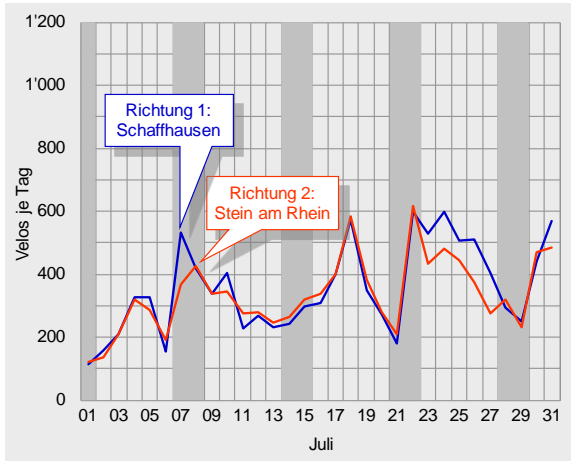


## Veloverkehrsaufkommen 2012



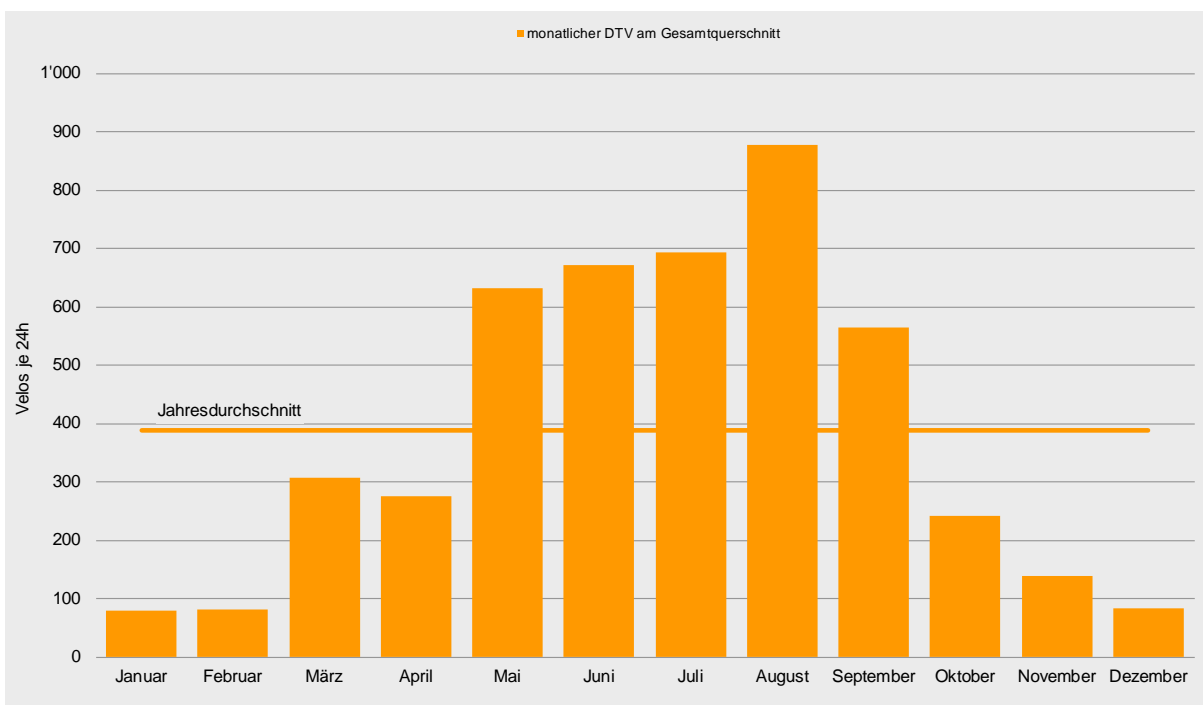
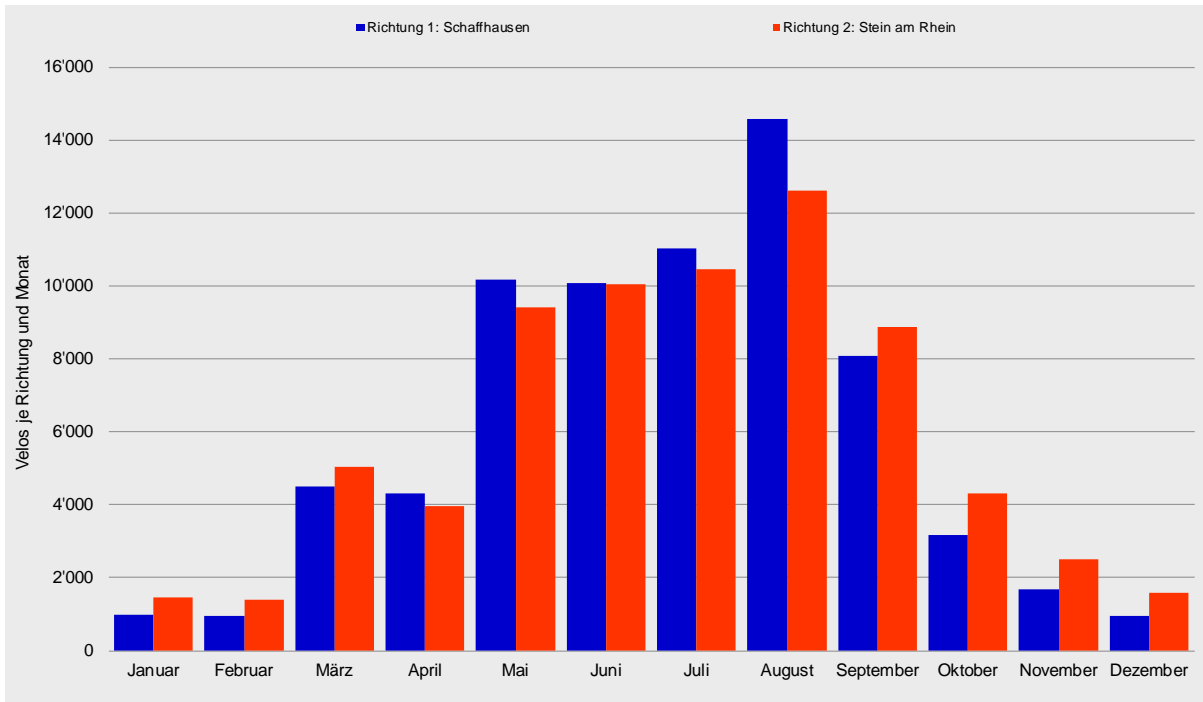


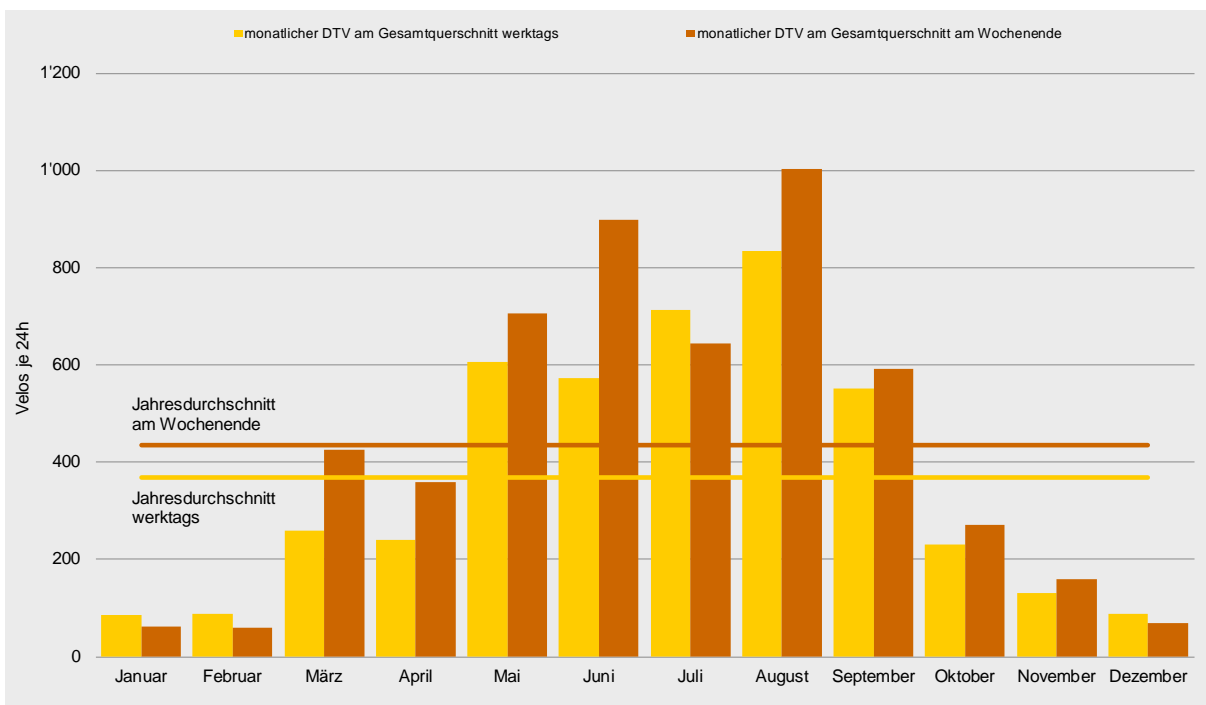
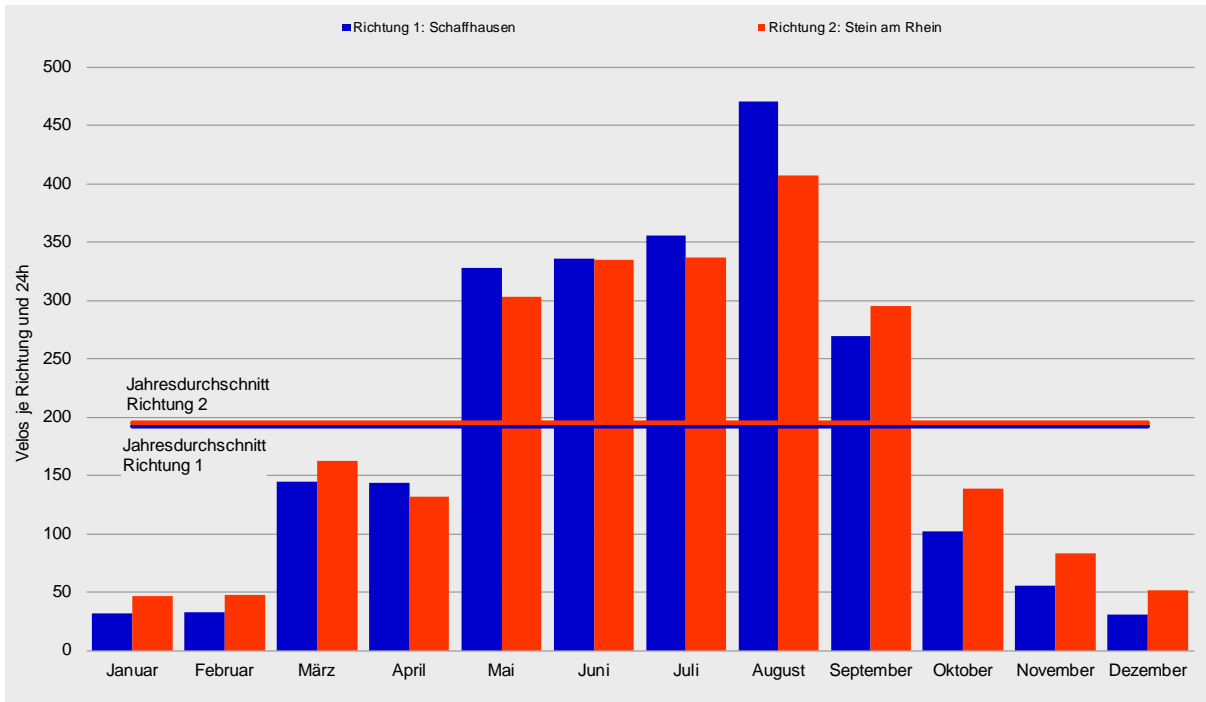
Velo-Zählanlage Hemishofen Auswertung 2012





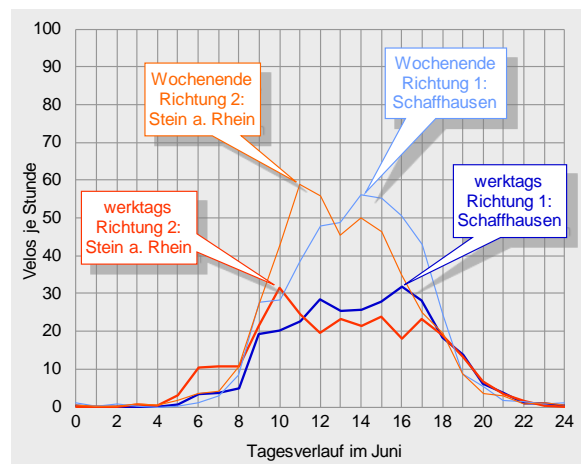
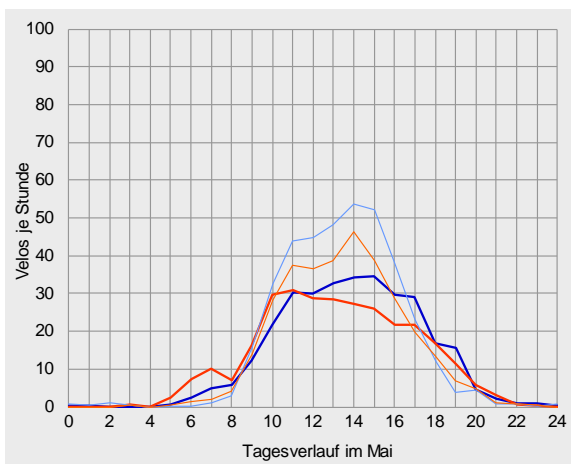
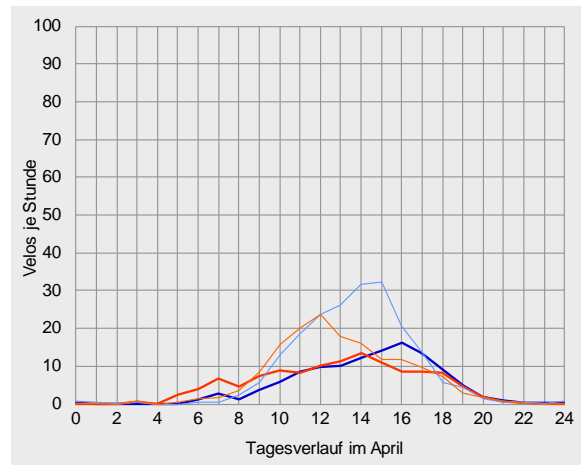
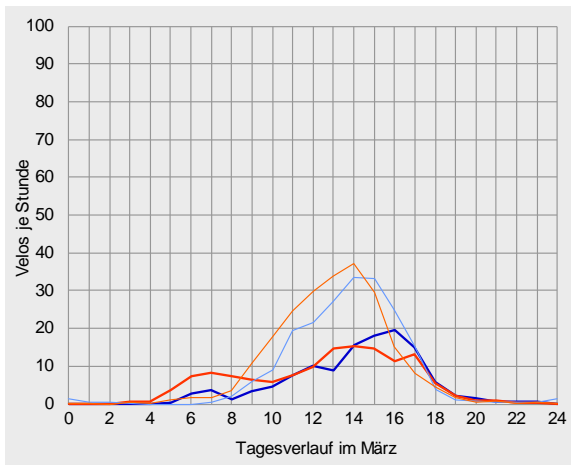
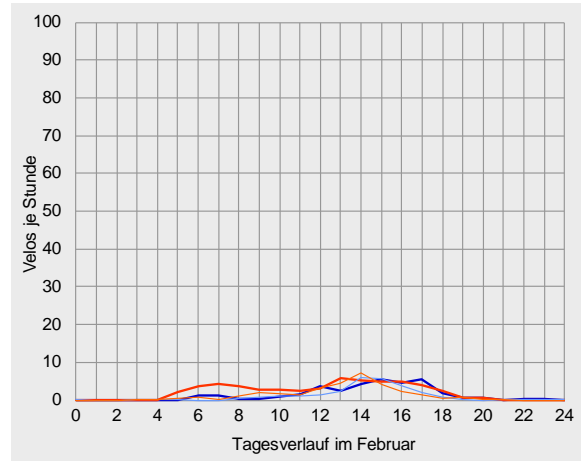
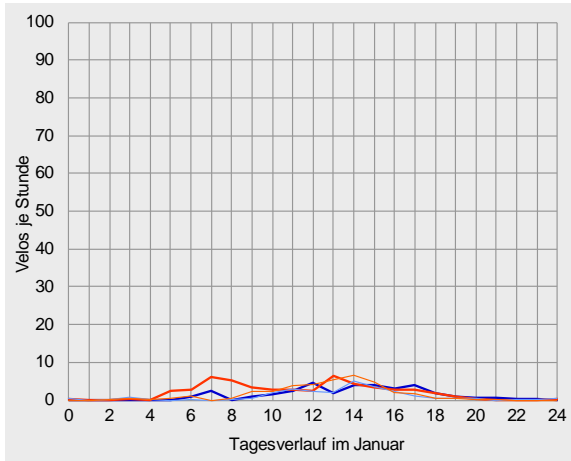
## Durchschnittlicher täglicher Veloverkehr 2012





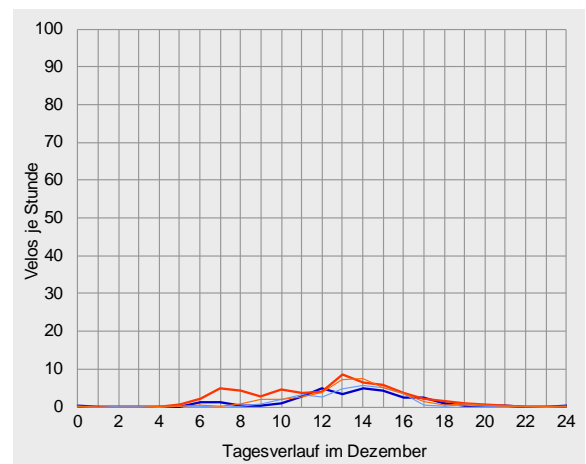
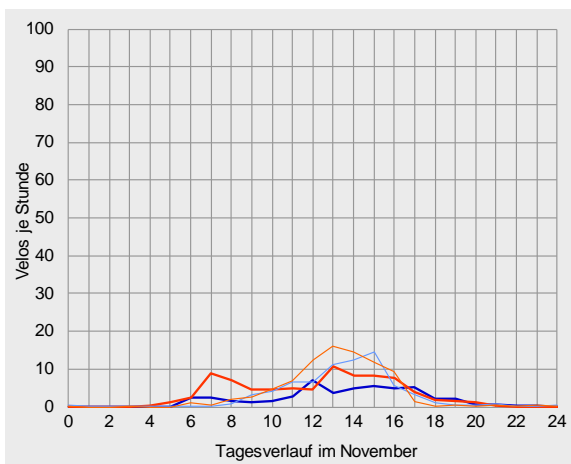
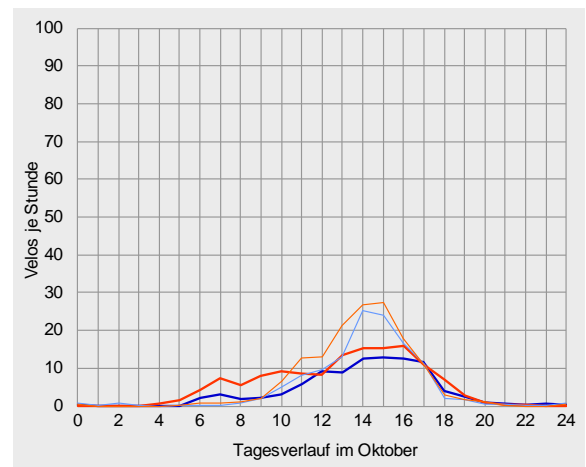
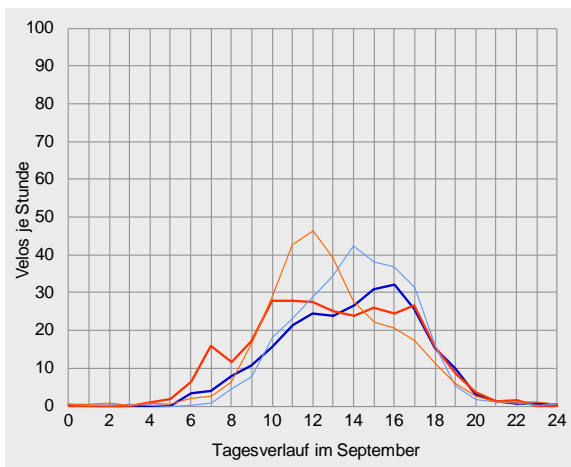
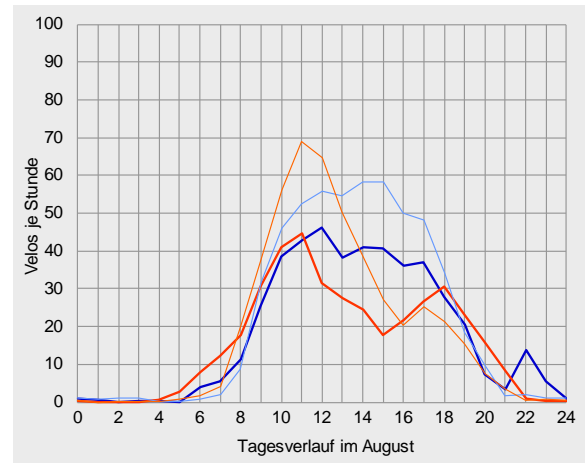
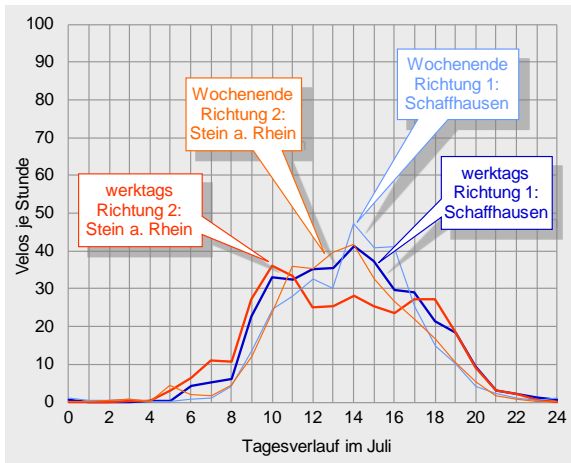


## Tagesganglinien 2012





Velo-Zählanlage Hemishofen Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Hemishofen 2012

	Richtung 1: Schaffhausen			Richtung 2: Stein am Rhein			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	973	1%	-22%	1'454	2%	0%	2'427	2%	-10%
Februar	953	1%	-46%	1'381	2%	-39%	2'334	2%	-42%
März	4'495	6%	+34%	5'027	7%	+19%	9'522	7%	+26%
April	4'301	6%	-59%	3'962	6%	-67%	8'263	6%	-63%
Mai	10'168	14%	+7%	9'403	13%	-15%	19'571	14%	-5%
Juni	10'083	14%	-5%	10'031	14%	-16%	20'114	14%	-11%
Juli	11'022	16%	+6%	10'440	15%	-10%	21'462	15%	-2%
August	14'590	21%	+10%	12'615	18%	-8%	27'205	19%	+1%
September	8'085	11%	-3%	8'860	12%	+17%	16'945	12%	+6%
Oktober	3'170	4%	+1%	4'297	6%	+7%	7'467	5%	+4%
November	1'665	2%	-17%	2'497	3%	-23%	4'162	3%	-21%
Dezember	965	1%	+10%	1'599	2%	-6%	2'564	2%	-1%
2012	70'470	100%	-6%	71'566	100%	-16%	142'036	100%	-11%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	34	-81%	-15%	51	-73%	+7%	85	-77%	-3%
	Wochenende	26	-88%	-38%	37	-83%	-19%	62	-86%	-28%
	gesamt	31	-84%	-22%	47	-76%	0%	78	-80%	-10%
Februar	w erktags	35	-80%	-27%	53	-72%	-17%	89	-76%	-22%
	Wochenende	26	-88%	-74%	33	-85%	-74%	59	-86%	-74%
	gesamt	33	-83%	-48%	48	-76%	-42%	80	-79%	-44%
März	w erktags	122	-33%	+14%	137	-27%	+4%	259	-30%	+8%
	Wochenende	201	-9%	+82%	223	+4%	+50%	425	-2%	+64%
	gesamt	145	-25%	+34%	162	-17%	+19%	307	-21%	+26%
April	w erktags	118	-35%	-57%	122	-35%	-61%	240	-35%	-59%
	Wochenende	202	-9%	-63%	156	-27%	-74%	358	-15%	-69%
	gesamt	143	-26%	-59%	132	-32%	-67%	275	-29%	-63%
Mai	w erktags	309	+71%	+20%	296	+57%	-1%	605	+64%	+9%
	Wochenende	382	+73%	-12%	324	+52%	-35%	706	+62%	-24%
	gesamt	328	+70%	+7%	303	+55%	-15%	631	+63%	-5%
Juni	w erktags	286	+58%	-6%	287	+53%	-16%	573	+55%	-11%
	Wochenende	453	+105%	-7%	445	+108%	-20%	898	+106%	-14%
	gesamt	336	+75%	-5%	334	+71%	-16%	670	+73%	-11%
Juli	w erktags	368	+103%	+24%	344	+83%	+3%	712	+93%	+13%
	Wochenende	325	+47%	-22%	319	+49%	-31%	644	+48%	-26%
	gesamt	356	+85%	+6%	337	+72%	-10%	692	+78%	-2%
August	w erktags	447	+147%	+10%	386	+105%	-7%	834	+126%	+1%
	Wochenende	538	+143%	+9%	466	+118%	-11%	1'004	+131%	-1%
	gesamt	471	+144%	+10%	407	+108%	-8%	878	+126%	+1%
September	w erktags	258	+43%	+2%	293	+56%	+21%	551	+49%	+11%
	Wochenende	293	+32%	-16%	300	+40%	+6%	592	+36%	-6%
	gesamt	270	+40%	-3%	295	+51%	+17%	565	+46%	+6%
Oktober	w erktags	95	-48%	-7%	135	-28%	+1%	230	-38%	-2%
	Wochenende	124	-44%	+23%	148	-31%	+21%	272	-38%	+22%
	gesamt	102	-47%	+1%	139	-29%	+7%	241	-38%	+4%
November	w erktags	49	-73%	-17%	82	-56%	-24%	132	-64%	-21%
	Wochenende	73	-67%	-16%	85	-60%	-21%	158	-64%	-19%
	gesamt	56	-71%	-17%	83	-57%	-23%	139	-64%	-21%
Dezember	w erktags	32	-82%	+2%	57	-70%	-10%	89	-76%	-6%
	Wochenende	30	-87%	+37%	40	-81%	+17%	69	-84%	+25%
	gesamt	31	-84%	+10%	52	-74%	-6%	83	-79%	-1%
2012	w erktags	181	0%	-1%	188	0%	-10%	369	0%	-6%
	Wochenende	221	0%	-16%	214	0%	-26%	435	0%	-21%
	gesamt	193	0%	-6%	196	0%	-16%	388	0%	-11%





Velo-Zählanlage Hemishofen Auswertung 2012

		Richtung 1: Schaffhausen					Richtung 2: Stein am Rhein					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	10%	43%	33%	14%	6%	27%	43%	17%	6%	4%	20%	43%	23%	9%
	Wochenende	6%	2%	59%	27%	7%	4%	4%	66%	23%	3%	4%	3%	63%	25%	4%
	gesamt	1%	8%	47%	31%	12%	5%	22%	49%	18%	6%	4%	16%	48%	24%	8%
Februar	w erktags	1%	8%	37%	44%	11%	4%	22%	41%	26%	7%	3%	16%	40%	33%	9%
	Wochenende	2%	1%	47%	44%	5%	2%	7%	62%	24%	5%	2%	4%	55%	33%	5%
	gesamt	1%	6%	40%	44%	9%	4%	19%	45%	26%	7%	3%	14%	43%	33%	8%
März	w erktags	0%	6%	41%	43%	9%	4%	17%	44%	29%	7%	2%	12%	43%	35%	8%
	Wochenende	1%	1%	58%	36%	4%	1%	3%	69%	24%	3%	1%	2%	64%	30%	3%
	gesamt	1%	4%	48%	40%	7%	3%	11%	54%	27%	6%	2%	8%	51%	33%	6%
April	w erktags	0%	4%	43%	37%	15%	3%	13%	49%	23%	13%	1%	9%	46%	30%	14%
	Wochenende	1%	1%	59%	33%	6%	1%	4%	65%	21%	8%	1%	3%	62%	28%	7%
	gesamt	1%	3%	50%	35%	11%	2%	10%	55%	23%	11%	1%	6%	52%	29%	11%
Mai	w erktags	0%	4%	52%	30%	13%	1%	8%	54%	23%	13%	1%	6%	53%	27%	13%
	Wochenende	1%	1%	63%	30%	6%	0%	2%	62%	27%	8%	0%	2%	62%	28%	7%
	gesamt	0%	3%	55%	30%	11%	1%	7%	57%	24%	12%	1%	5%	56%	27%	11%
Juni	w erktags	0%	4%	50%	31%	15%	1%	11%	49%	23%	15%	1%	8%	49%	27%	15%
	Wochenende	1%	3%	55%	33%	9%	1%	4%	63%	24%	8%	1%	3%	59%	28%	9%
	gesamt	0%	4%	52%	32%	13%	1%	8%	55%	23%	13%	1%	6%	53%	27%	13%
Juli	w erktags	0%	4%	54%	26%	15%	1%	8%	51%	22%	18%	1%	6%	53%	24%	16%
	Wochenende	1%	2%	54%	33%	10%	2%	3%	59%	25%	11%	1%	2%	57%	29%	11%
	gesamt	0%	4%	54%	28%	14%	1%	7%	53%	23%	16%	1%	5%	54%	26%	15%
August	w erktags	0%	5%	52%	25%	18%	1%	10%	52%	17%	20%	1%	7%	52%	22%	19%
	Wochenende	1%	2%	56%	29%	12%	0%	5%	68%	16%	11%	1%	4%	61%	23%	12%
	gesamt	1%	4%	53%	27%	16%	1%	9%	57%	17%	17%	1%	6%	55%	22%	17%
September	w erktags	0%	6%	48%	34%	12%	1%	12%	51%	26%	10%	1%	9%	49%	30%	11%
	Wochenende	0%	2%	53%	36%	8%	1%	4%	67%	20%	8%	1%	3%	60%	28%	8%
	gesamt	0%	4%	49%	35%	11%	1%	9%	56%	24%	9%	1%	7%	53%	29%	10%
Oktober	w erktags	0%	7%	44%	39%	9%	2%	13%	46%	31%	8%	1%	11%	45%	34%	9%
	Wochenende	2%	1%	51%	42%	4%	0%	2%	56%	38%	4%	1%	1%	54%	40%	4%
	gesamt	1%	5%	46%	40%	8%	1%	10%	49%	33%	7%	1%	8%	48%	36%	7%
November	w erktags	1%	13%	43%	32%	12%	2%	22%	46%	24%	6%	1%	19%	45%	27%	8%
	Wochenende	2%	2%	61%	32%	4%	0%	4%	67%	26%	2%	1%	3%	64%	29%	3%
	gesamt	1%	9%	49%	32%	9%	1%	17%	52%	25%	5%	1%	14%	51%	27%	7%
Dezember	w erktags	1%	9%	54%	29%	7%	1%	20%	53%	21%	6%	1%	16%	53%	24%	6%
	Wochenende	2%	1%	63%	30%	4%	1%	4%	64%	25%	6%	1%	3%	64%	27%	5%
	gesamt	1%	7%	57%	29%	6%	1%	16%	56%	22%	6%	1%	12%	56%	25%	6%
2012	w erktags	0%	5%	50%	31%	14%	2%	12%	50%	23%	14%	1%	9%	50%	27%	14%
	Wochenende	1%	2%	56%	33%	8%	1%	4%	64%	23%	8%	1%	3%	60%	28%	8%
	gesamt	1%	4%	52%	31%	12%	1%	9%	54%	23%	12%	1%	7%	53%	27%	12%
Spitzenstunde des Gesamtjahres		Velos je h		Zeitraum		Velos je h		Zeitraum		Velos je h		Zeitraum				
w erktags		20		15-16 Uhr		17		10-11 Uhr		35		14-15 Uhr				
Wochenende		31		14-15 Uhr		27		12-13 Uhr		58		14-15 Uhr				
über alle Tage 2012		23		15-16 Uhr		20		13-14 Uhr		42		14-15 Uhr				





## Compteur d'Yvonand VD (24)

### Dépouillement pour 2012

Cette section de comptage est franchie en premier lieu par du trafic des loisirs.

Le compteur a enregistré au total plus de 56'000 cyclistes pendant l'année 2012.

La haute saison de cette section s'est concentrée en juillet et août.

La distinction entre les directions montre une prédominance vers Yverdon-les-Bains, c'est-à-dire le long de la rive dans le sens des aiguilles d'une montre. Le trafic journalier moyen a été de 154 vélos.

### Emplacement

Ce compteur automatique est situé dans le canton de Vaud sur la Route Mittelland (route 5), l'un des neuf itinéraires nationaux de «La Suisse à vélo».

Il se trouve sur la rive sud du lac de Neuchâtel entre Yverdon-les-Bains et Estavayer-le-Lac.

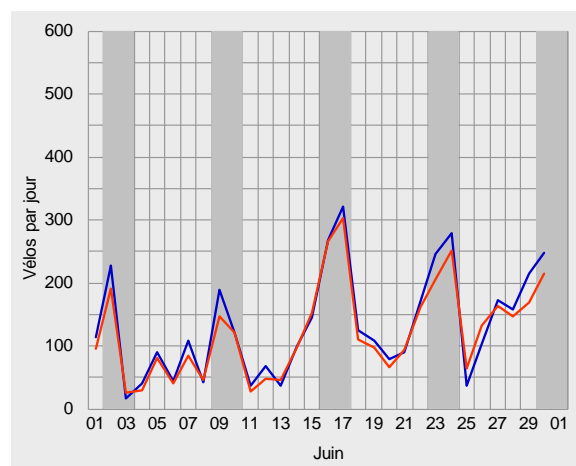
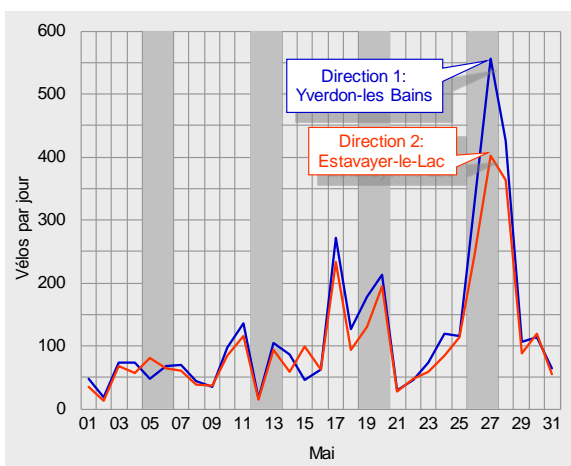
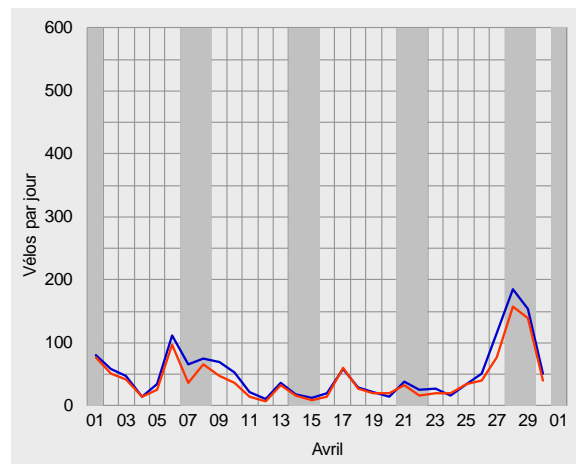
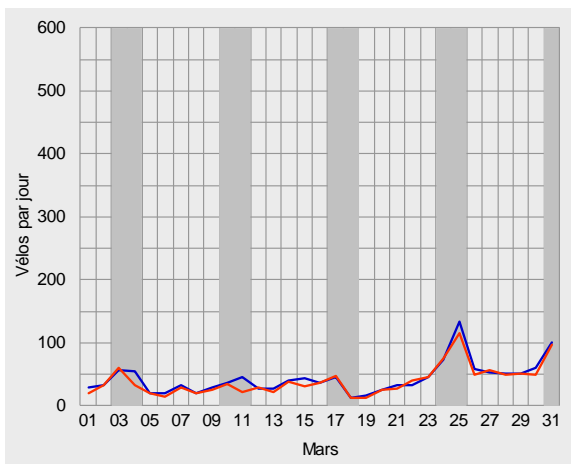
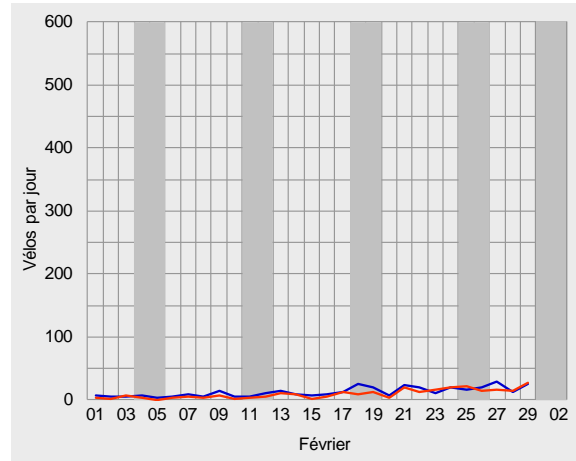
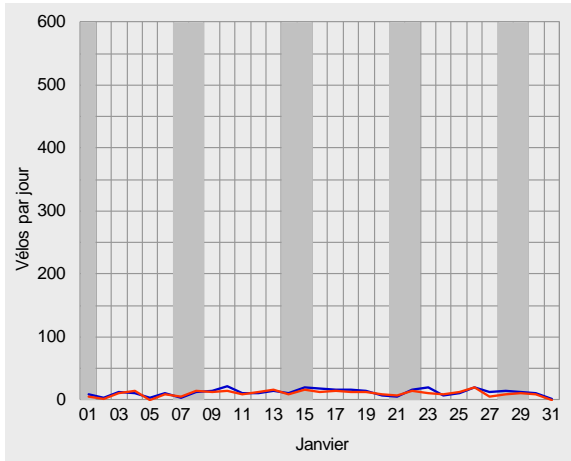
La fréquentation principale d'un jour moyen est enregistrée dans l'après-midi. Sur l'ensemble de l'année, la charge horaire moyenne la plus élevée a été entre 15 et 16 heures avec 18 vélos.

Le compteur d'Yvonand a enregistré les données en continu pendant toute l'année. Il n'y a pas eu de pertes de données enregistrées.

Il s'agit d'une piste cyclable sans trafic automobile à proximité immédiate d'un pont. Sa largeur est d'environ 2 mètres au droit du compteur. Elle est revêtue et plate. Elle offre donc des conditions idéales pour le vélo.

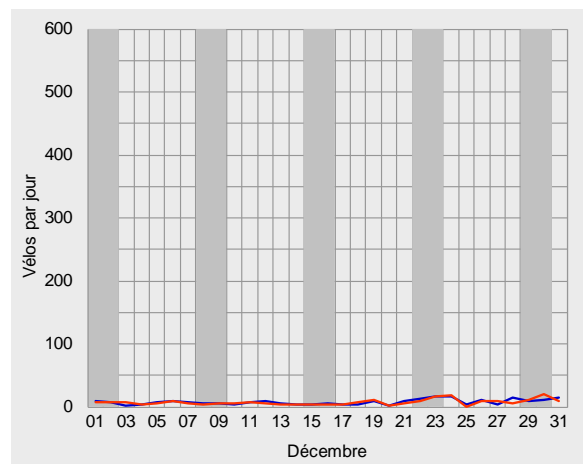
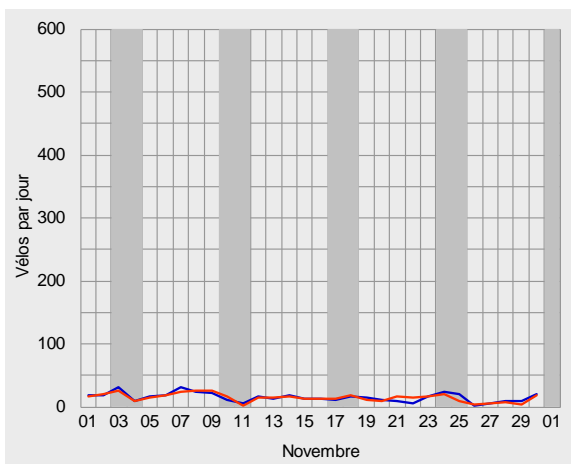
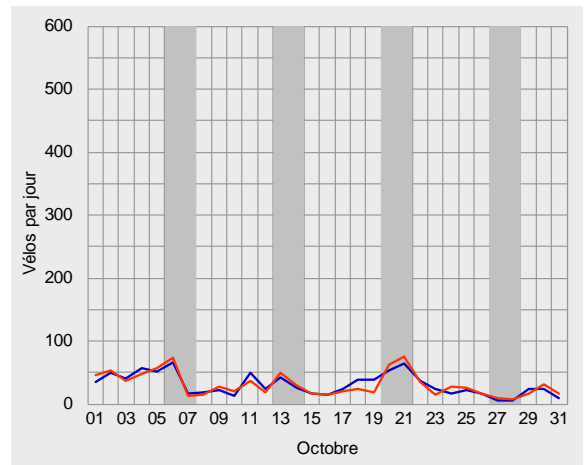
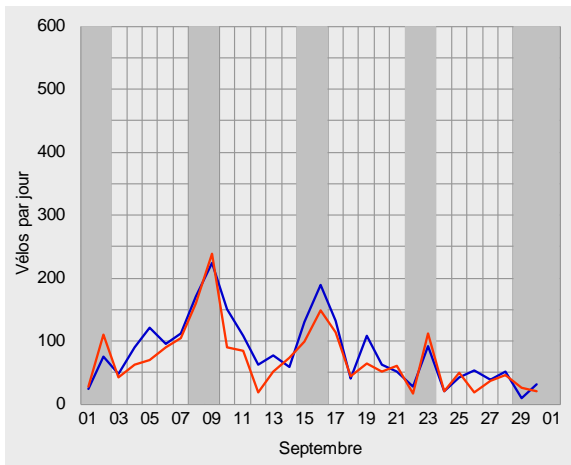
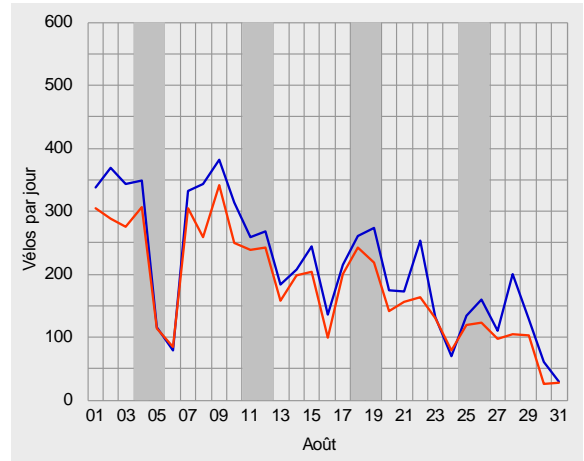
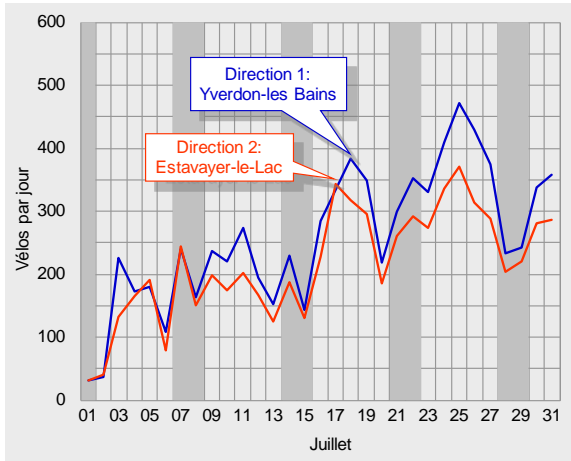


## Trafic par jour, mois et direction en 2012



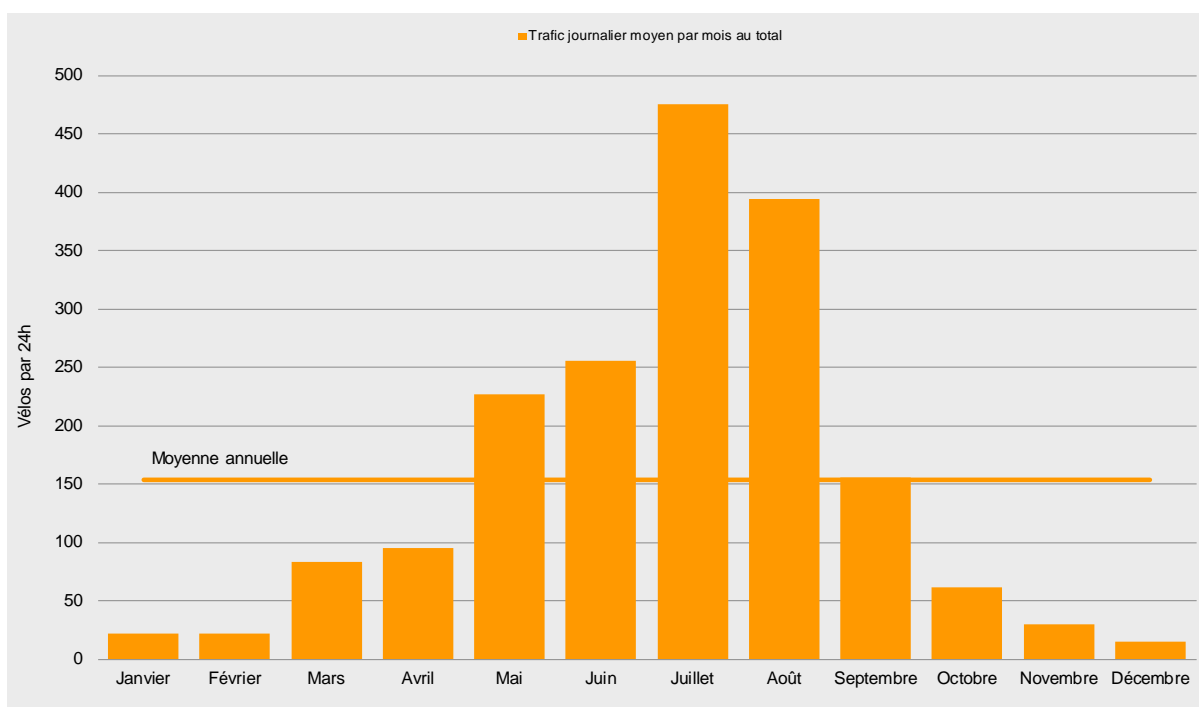
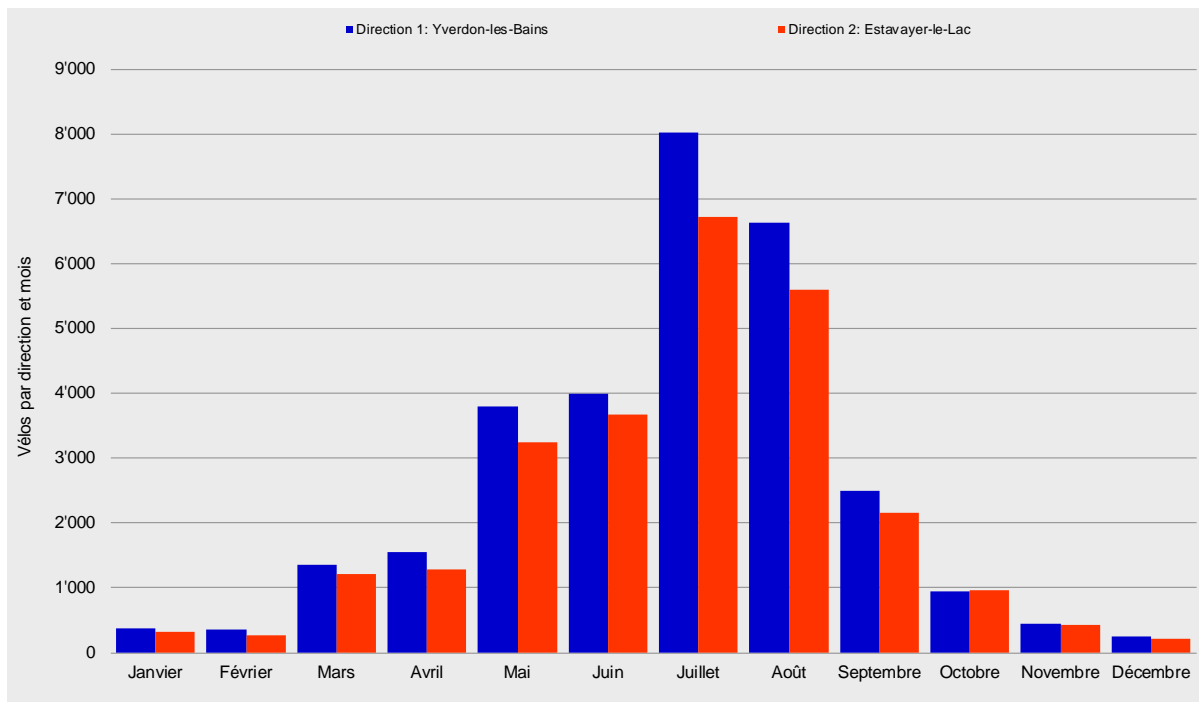


Compteur de Yvonand, dépeillement pour 2012



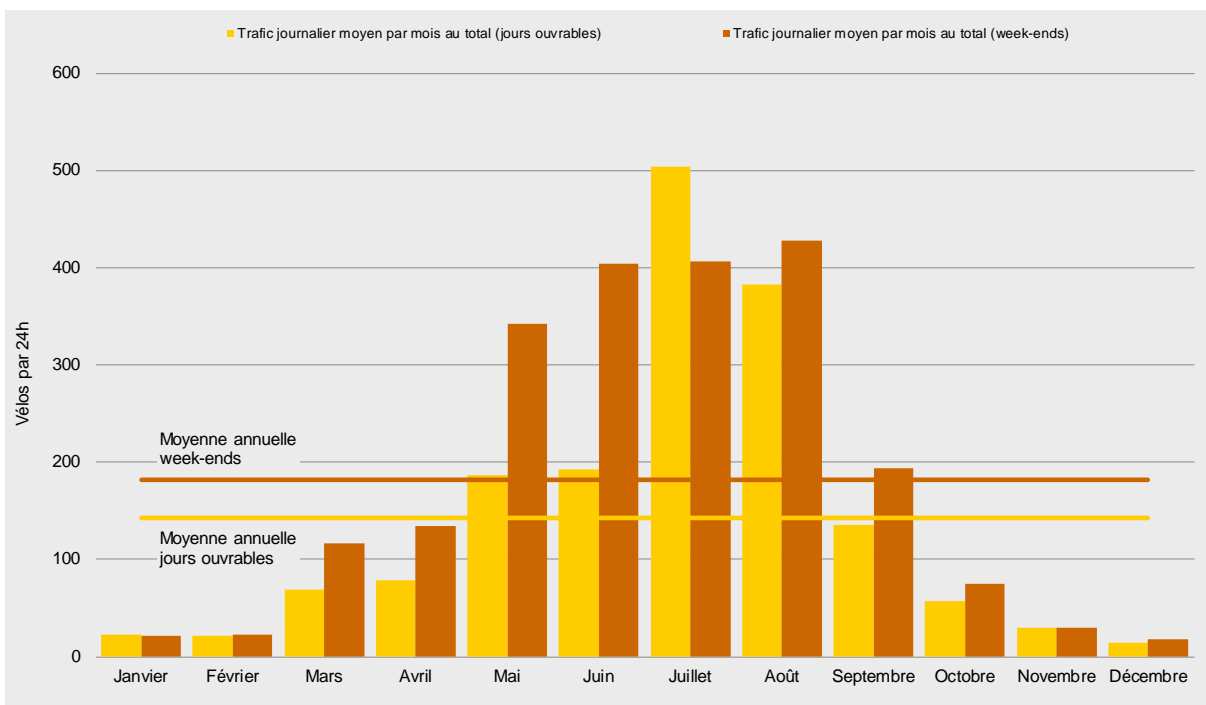
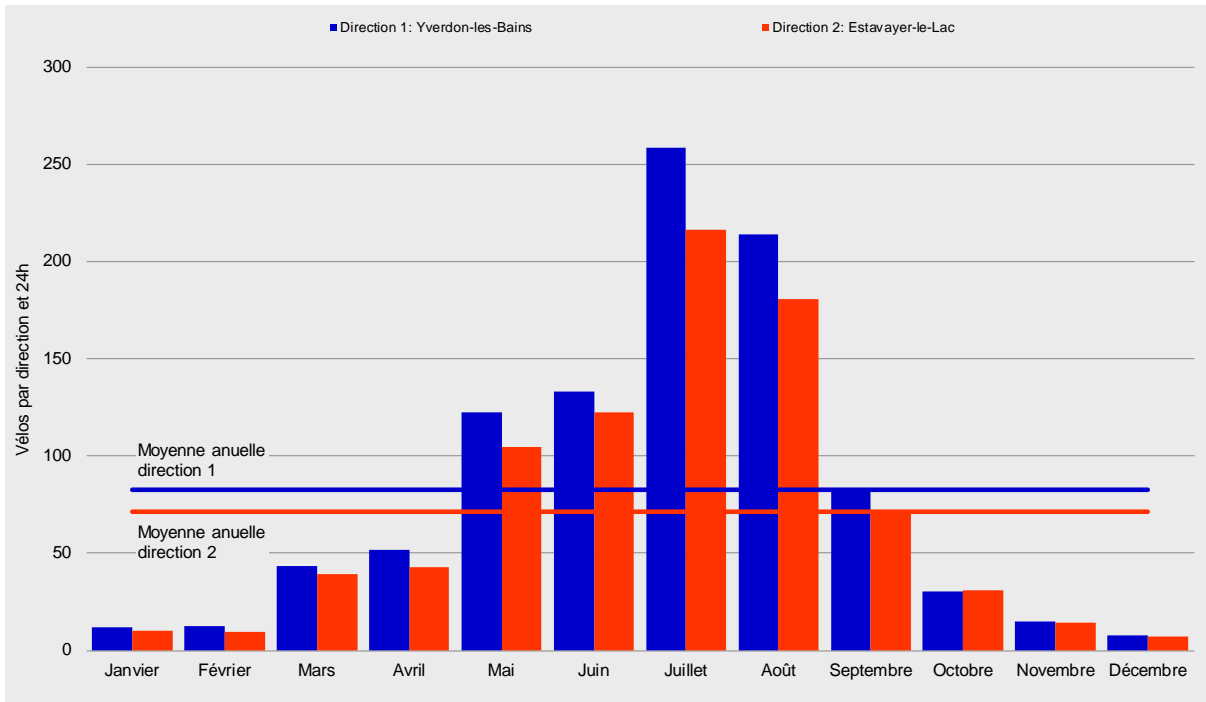


## Trafic journalier moyen en 2012



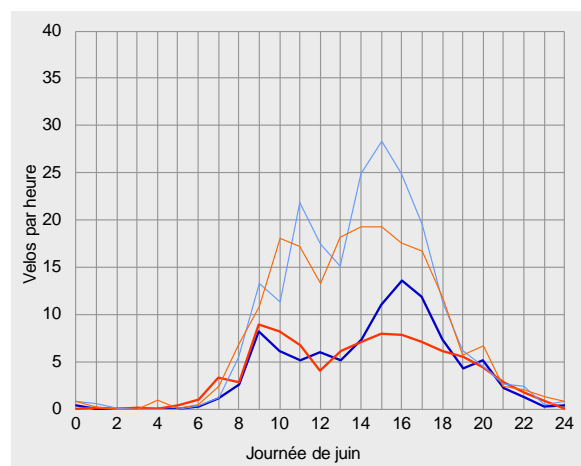
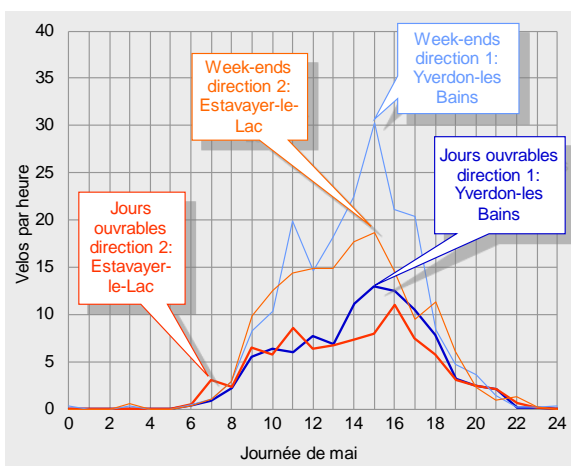
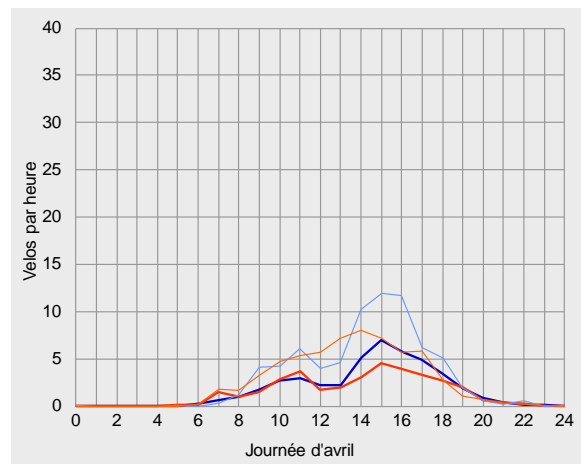
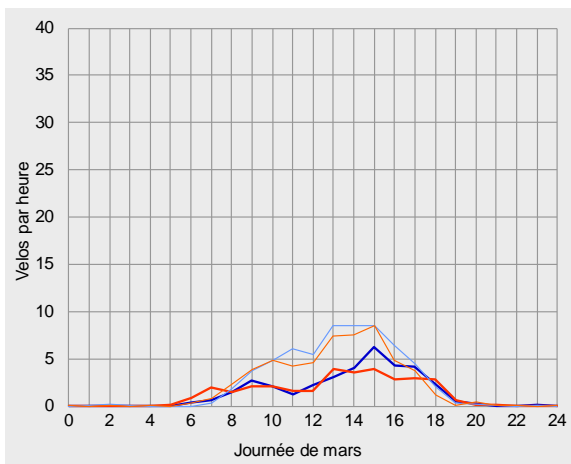
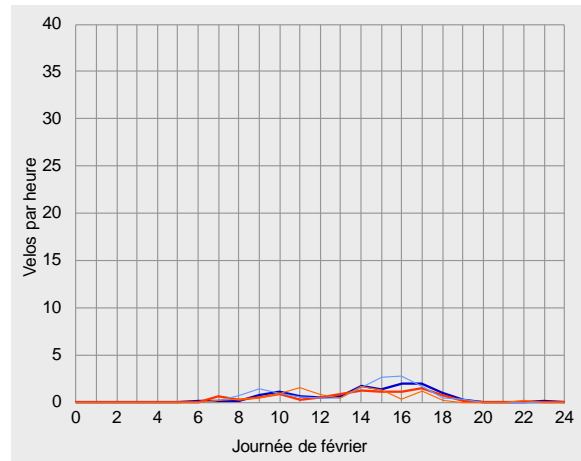
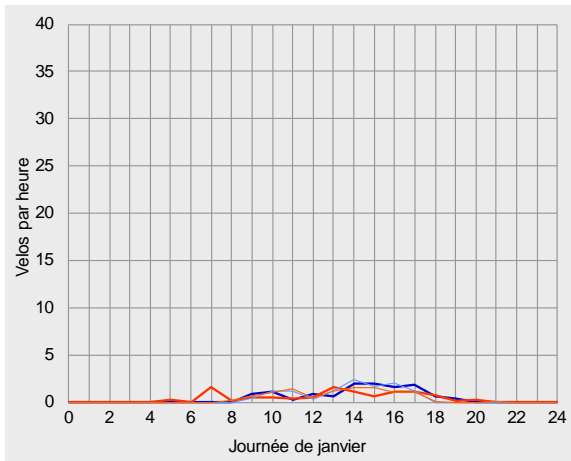


Compteur de Yvonand, dépeuillement pour 2012





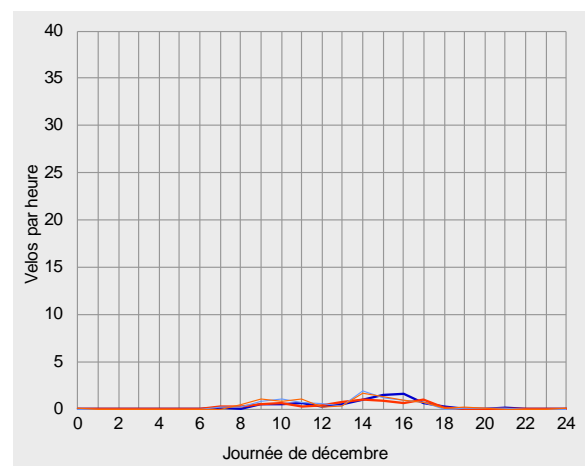
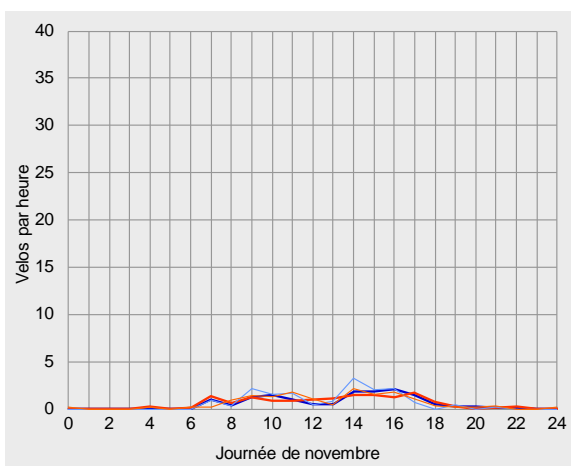
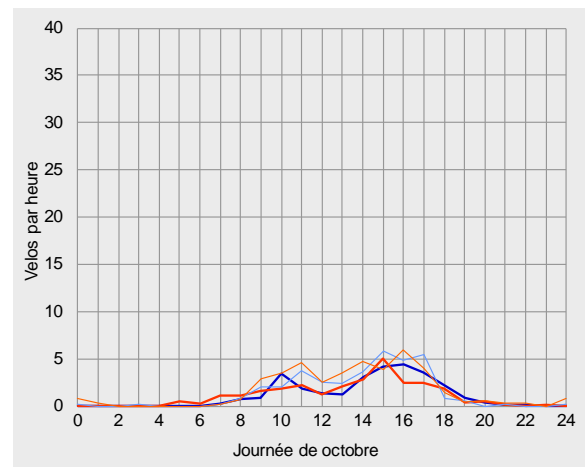
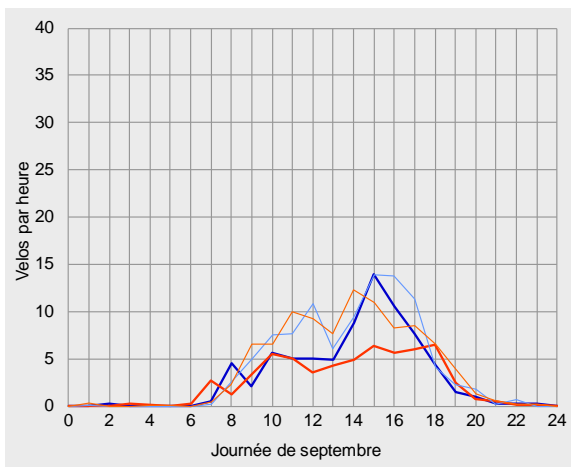
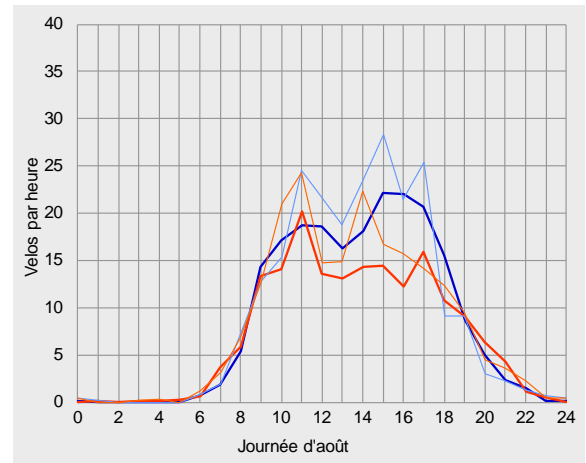
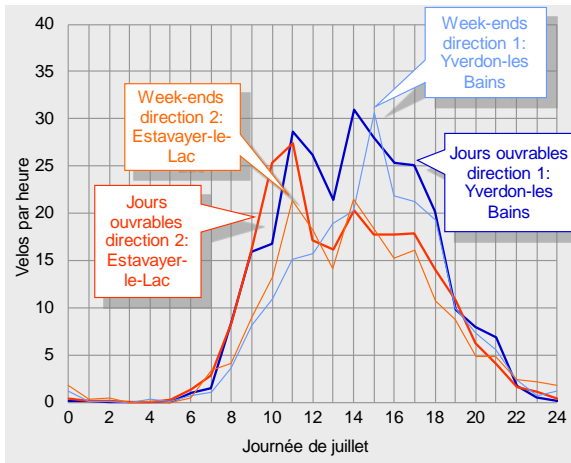
## Courbes de variations journalières en 2012







Compteur de Yvonand, dépouillement pour 2012





## Vue d'ensemble des résultats pour 2012

		Direction 1: Yverdon-les-Bains			Direction 2: Estavayer-le-Lac			Total		
Trafic compté		Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011
Janvier		371	1%	+2%	317	1%	-7%	688	1%	-2%
Février		360	1%	-36%	272	1%	-41%	632	1%	-38%
Mars		1'348	4%	+42%	1'218	5%	+33%	2'566	5%	+38%
Avril		1'556	5%	-63%	1'289	5%	-63%	2'845	5%	-63%
Mai		3'789	13%	+4%	3'240	12%	+1%	7'029	12%	+3%
Juin		3'994	13%	-21%	3'675	14%	-13%	7'669	14%	-17%
Juillet		8'018	27%	+11%	6'712	26%	+16%	14'730	26%	+13%
Août		6'629	22%	-1%	5'599	21%	+3%	12'228	22%	+1%
Septembre		2'498	8%	-24%	2'152	8%	-23%	4'650	8%	-23%
Octobre		942	3%	-24%	956	4%	-13%	1'898	3%	-19%
Novembre		453	2%	-16%	436	2%	-18%	889	2%	-17%
Décembre		241	1%	-15%	222	1%	-15%	463	1%	-15%
2012		30'199	100%	-11%	26'088	100%	-9%	56'287	100%	-10%

Trafic journalier moyen		Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011
Janvier	Jours ouvrables	12	-84%	+4%	10	-84%	-4%	22	-84%	+0%
	Week-ends	12	-88%	-1%	10	-88%	-13%	22	-88%	-7%
	Total	12	-85%	+2%	10	-86%	-7%	22	-86%	-2%
Février	Jours ouvrables	12	-84%	-37%	10	-85%	-33%	22	-85%	-36%
	Week-ends	13	-86%	-41%	9	-90%	-59%	22	-88%	-50%
	Total	12	-85%	-38%	9	-87%	-43%	22	-86%	-40%
Mars	Jours ouvrables	36	-53%	+28%	33	-50%	+19%	69	-52%	+24%
	Week-ends	62	-35%	+63%	55	-35%	+59%	117	-35%	+61%
	Total	43	-47%	+42%	39	-45%	+33%	83	-46%	+38%
Avril	Jours ouvrables	43	-44%	-61%	35	-46%	-62%	78	-45%	-61%
	Week-ends	73	-24%	-66%	61	-28%	-66%	134	-26%	-66%
	Total	52	-37%	-63%	43	-40%	-63%	95	-38%	-63%
Mai	Jours ouvrables	99	+29%	+6%	88	+33%	+5%	187	+31%	+5%
	Week-ends	189	+97%	+7%	153	+80%	+1%	342	+89%	+4%
	Total	122	+48%	+4%	105	+47%	+1%	227	+47%	+3%
Juin	Jours ouvrables	99	+28%	-33%	93	+42%	-25%	192	+34%	-29%
	Week-ends	213	+122%	-3%	192	+124%	+1%	404	+123%	-1%
	Total	133	+61%	-21%	123	+72%	-13%	256	+66%	-17%
Juillet	Jours ouvrables	276	+258%	+21%	227	+246%	+28%	503	+253%	+24%
	Week-ends	215	+124%	-11%	191	+124%	-8%	406	+124%	-10%
	Total	259	+213%	+11%	217	+204%	+16%	475	+209%	+13%
Août	Jours ouvrables	209	+171%	-5%	174	+165%	-1%	383	+168%	-3%
	Week-ends	227	+137%	+10%	201	+135%	+14%	428	+136%	+12%
	Total	214	+159%	-1%	181	+153%	+3%	394	+156%	+1%
Septembre	Jours ouvrables	76	-1%	-25%	60	-9%	-29%	136	-5%	-27%
	Week-ends	97	+1%	-24%	96	+12%	-18%	193	+7%	-21%
	Total	83	+1%	-24%	72	+1%	-23%	155	+1%	-23%
Octobre	Jours ouvrables	29	-63%	-22%	28	-58%	-16%	56	-60%	-19%
	Week-ends	35	-64%	-25%	40	-53%	-2%	75	-59%	-14%
	Total	30	-63%	-24%	31	-57%	-13%	61	-60%	-19%
Novembre	Jours ouvrables	15	-81%	-11%	15	-78%	-12%	29	-79%	-11%
	Week-ends	16	-83%	-27%	14	-83%	-31%	30	-83%	-29%
	Total	15	-82%	-16%	15	-80%	-18%	30	-81%	-17%
Décembre	Jours ouvrables	7	-90%	-16%	6	-90%	-26%	14	-90%	-21%
	Week-ends	9	-91%	-13%	9	-90%	+12%	17	-90%	-2%
	Total	8	-91%	-15%	7	-90%	-15%	15	-90%	-15%
2012	Jours ouvrables	77	0%	-10%	66	0%	-8%	143	0%	-9%
	Week-ends	96	0%	-14%	85	0%	-11%	181	0%	-13%
	Total	83	0%	-12%	71	0%	-9%	154	0%	-10%



Compteur de Yvonand, dépeillement pour 2012

		Direction 1: Yverdon-les-Bains					Direction 2: Estavayer-le-Lac					Total				
Parts du total selon les tranches horaires		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Janvier	Jours ouvrables	0%	1%	46%	45%	8%	3%	17%	43%	27%	11%	1%	8%	45%	37%	9%
	Week-ends	0%	0%	58%	42%	0%	0%	2%	61%	35%	2%	0%	1%	59%	39%	1%
	Total	0%	1%	49%	44%	6%	2%	13%	48%	29%	8%	1%	6%	49%	37%	7%
Février	Jours ouvrables	0%	3%	43%	43%	10%	0%	9%	43%	38%	10%	0%	6%	43%	41%	10%
	Week-ends	0%	6%	37%	52%	5%	0%	4%	63%	30%	3%	0%	5%	47%	44%	4%
	Total	0%	4%	41%	46%	9%	0%	8%	48%	36%	8%	0%	6%	44%	42%	8%
Mars	Jours ouvrables	0%	7%	42%	41%	9%	0%	13%	45%	30%	12%	0%	10%	44%	35%	11%
	Week-ends	1%	3%	60%	31%	4%	1%	6%	59%	31%	4%	1%	5%	59%	31%	4%
	Total	0%	6%	50%	37%	7%	0%	10%	51%	30%	8%	0%	8%	50%	34%	8%
Avril	Jours ouvrables	0%	4%	39%	41%	16%	0%	7%	42%	33%	17%	0%	6%	40%	38%	16%
	Week-ends	0%	2%	46%	41%	11%	0%	6%	55%	30%	8%	0%	4%	50%	36%	10%
	Total	0%	3%	42%	41%	14%	0%	7%	48%	32%	13%	0%	5%	44%	37%	14%
Mai	Jours ouvrables	0%	4%	44%	36%	16%	0%	7%	47%	30%	16%	0%	5%	45%	33%	16%
	Week-ends	0%	2%	50%	38%	10%	0%	3%	55%	28%	14%	0%	2%	52%	33%	12%
	Total	0%	3%	46%	37%	14%	0%	5%	50%	29%	15%	0%	4%	48%	33%	14%
Juin	Jours ouvrables	0%	4%	38%	37%	21%	1%	8%	44%	25%	23%	1%	6%	41%	31%	22%
	Week-ends	1%	3%	49%	34%	13%	1%	5%	50%	28%	16%	1%	4%	50%	31%	14%
	Total	1%	4%	43%	36%	17%	1%	6%	47%	26%	19%	1%	5%	45%	31%	18%
Juillet	Jours ouvrables	0%	4%	51%	28%	17%	0%	6%	54%	24%	17%	0%	5%	52%	26%	17%
	Week-ends	1%	2%	41%	34%	21%	1%	4%	51%	26%	18%	1%	3%	46%	30%	19%
	Total	0%	4%	48%	30%	18%	1%	5%	53%	24%	17%	0%	4%	51%	27%	17%
Août	Jours ouvrables	0%	4%	49%	31%	16%	0%	6%	51%	24%	18%	0%	5%	50%	28%	17%
	Week-ends	0%	4%	51%	33%	11%	0%	5%	55%	23%	16%	0%	5%	53%	28%	14%
	Total	0%	4%	50%	32%	15%	0%	6%	52%	24%	18%	0%	5%	51%	28%	16%
Septembre	Jours ouvrables	0%	7%	41%	42%	10%	1%	7%	44%	30%	18%	1%	7%	43%	37%	13%
	Week-ends	0%	3%	48%	40%	9%	1%	3%	55%	29%	13%	0%	3%	51%	35%	11%
	Total	0%	5%	44%	41%	10%	1%	5%	49%	30%	16%	0%	5%	46%	36%	12%
Octobre	Jours ouvrables	0%	4%	41%	42%	13%	2%	9%	42%	36%	11%	1%	6%	42%	39%	12%
	Week-ends	1%	3%	47%	46%	4%	3%	2%	54%	34%	7%	2%	2%	51%	40%	6%
	Total	0%	3%	43%	43%	11%	2%	7%	46%	35%	10%	1%	5%	45%	39%	10%
Novembre	Jours ouvrables	1%	10%	44%	37%	8%	2%	14%	44%	30%	10%	2%	12%	44%	33%	9%
	Week-ends	0%	7%	60%	30%	3%	2%	8%	55%	30%	5%	1%	7%	58%	30%	4%
	Total	1%	9%	49%	35%	7%	2%	12%	47%	30%	9%	1%	11%	48%	32%	8%
Décembre	Jours ouvrables	0%	2%	44%	49%	6%	1%	7%	53%	37%	2%	0%	4%	48%	43%	4%
	Week-ends	0%	5%	60%	32%	3%	1%	5%	56%	33%	5%	1%	5%	58%	33%	4%
	Total	0%	3%	49%	43%	5%	1%	6%	55%	36%	3%	0%	4%	52%	39%	4%
2012	Jours ouvrables	0%	4%	46%	34%	16%	1%	7%	49%	27%	17%	0%	5%	47%	31%	16%
	Week-ends	0%	3%	48%	36%	12%	1%	4%	54%	27%	14%	1%	4%	51%	32%	13%
	Total	0%	4%	47%	35%	14%	1%	6%	50%	27%	16%	0%	5%	49%	31%	15%
Heures de pointe de l'année		Vélos par heure					Vélos par heure					Vélos par heure				
		Quand					Quand					Quand				
Jours ouvrables		9					7					15				
Week-ends		14					10					23				
Tous les jours de 2012		11					7					18				
		15-16 h					11-12 h					15-16 h				
		15-16 h					14-15 h					15-16 h				
		15-16 h					11-12 h					15-16 h				





## Velo-Zählanlage Olten SO (25)

### Auswertung 2012

Am Messquerschnitt in Olten wird unter der Woche überwiegend Pendlerverkehr registriert, während der Abschnitt am Wochenende in erster Linie von Tages- und Mehrtagesreisenden genutzt wird. Insgesamt wurden hier im Jahr 2012 ca. 62'000 Velofahrende gezählt. Hauptsaison waren die Monate Mai bis August. Die Fahrrichtungen sind nahezu gleich stark belastet gewesen. Das durchschnittliche tägliche Veloverkehrsaufkommen lag bei 170 Velos. Die Hauptlast an einem durchschnittlichen Tag war während der Nachmittagsstunden zu verzeichnen.

Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 16 und 17 Uhr beobachtet, hier passierten im Durchschnitt 18 Velos den Messquerschnitt.

Die Velo-Zählanlage Olten hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

### Standort

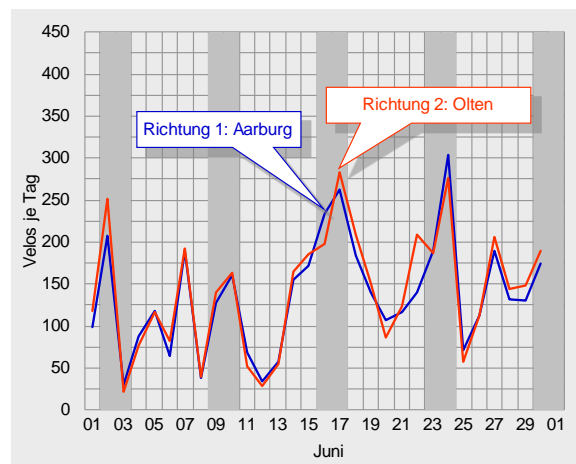
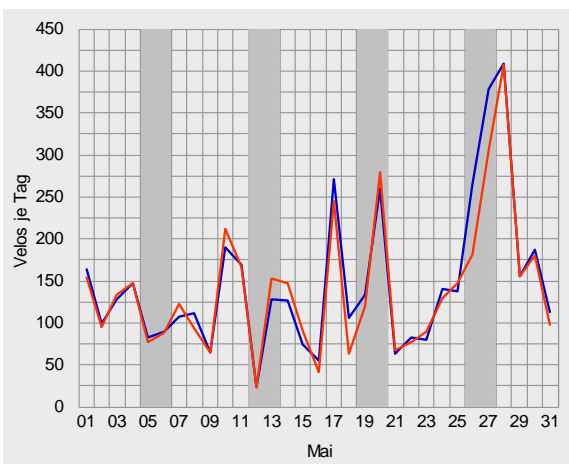
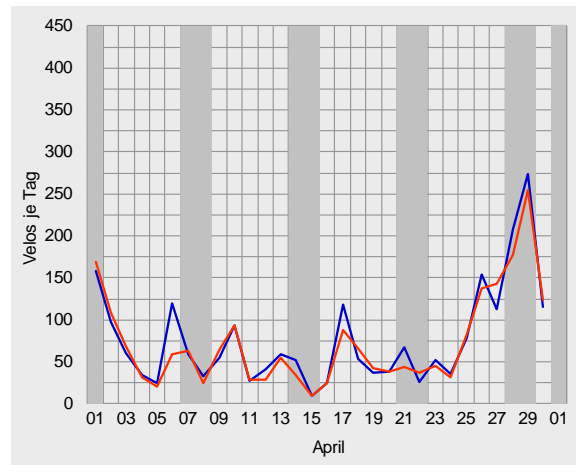
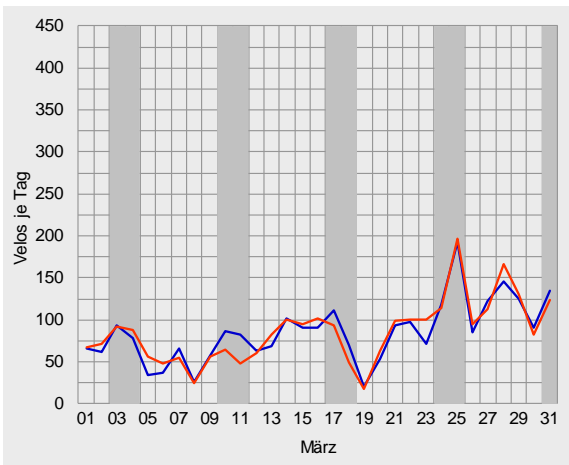
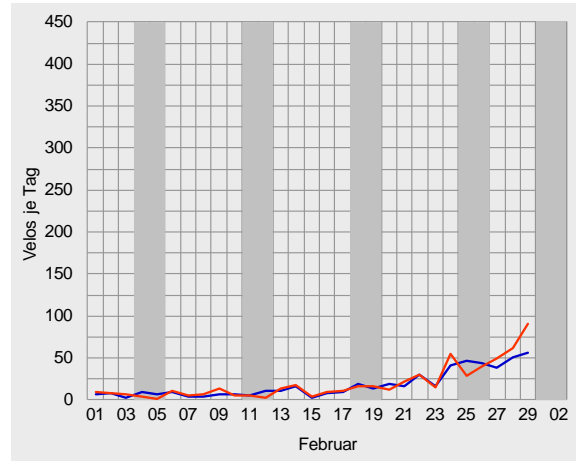
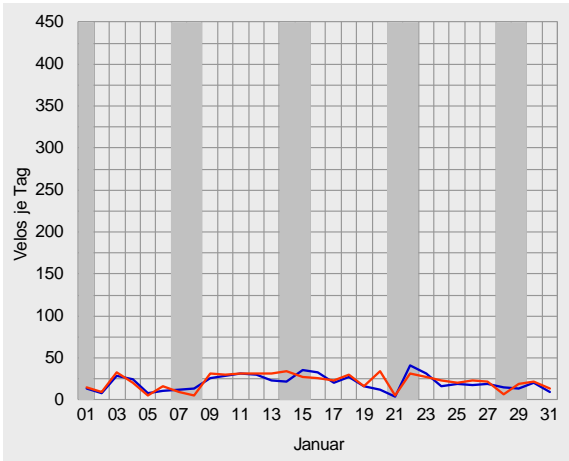
Die Velo-Zählanlage Olten liegt im Kanton Solothurn. An ihr führen zwei Routen des nationalen Velolandnetzes vorbei: Die Mittelland-Route 5 und die Aare-Route 8.

Die Zählstation befindet sich am Rutigerweg, der dem Verlauf der Aare parallel folgt, auf dem Abschnitt zwischen Aarburg und Olten.

Der Messquerschnitt liegt an einem motorfahrzeugfreien Radweg, der auch von Fussgängern benützt wird. In Höhe der Zählstation verfügt der Querschnitt über eine Breite von ca. 4 m. Die Strecke ist eben, ihre Oberfläche ist asphaltiert und bietet somit gute Bedingungen zum Velo fahren.

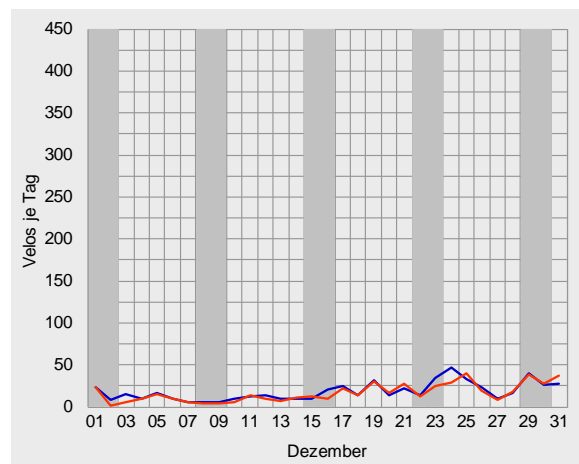
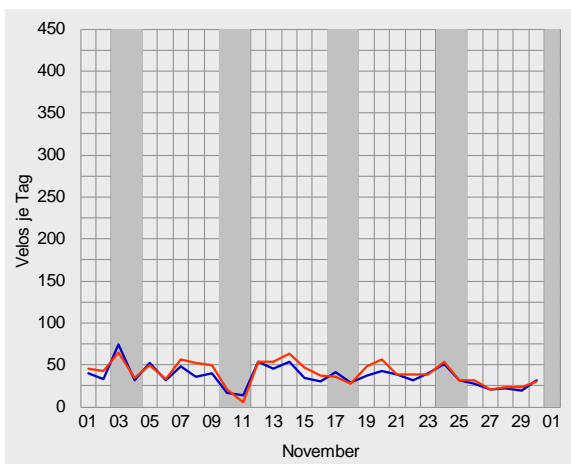
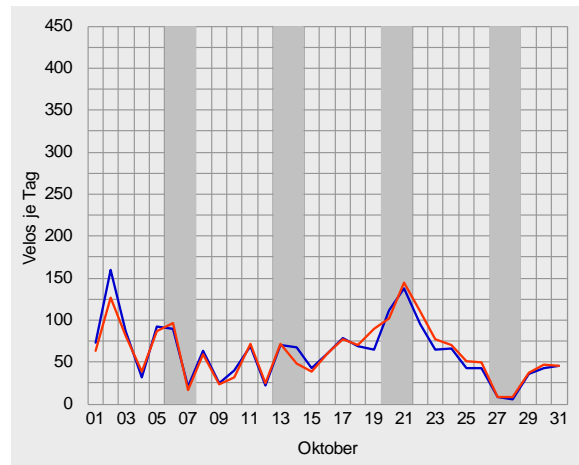
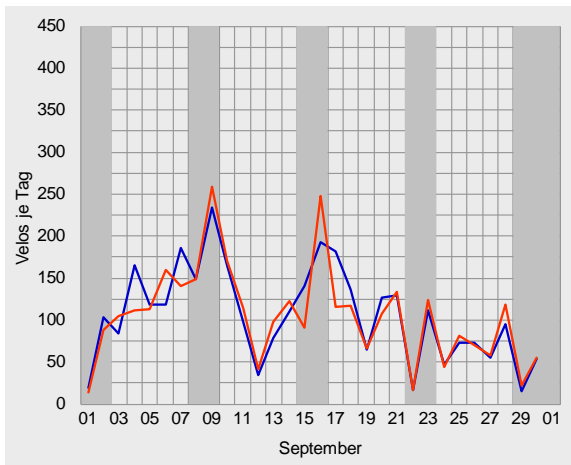
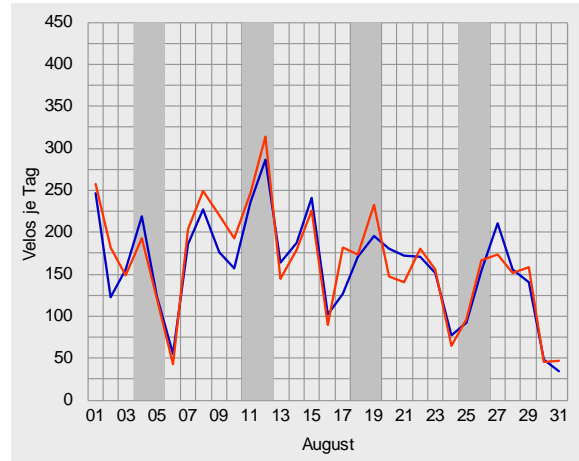
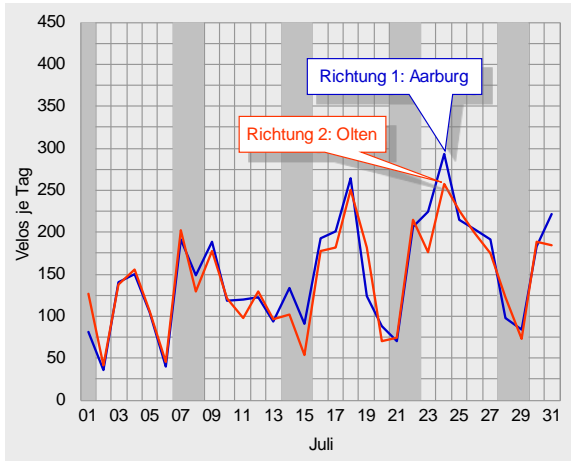


## Veloverkehrsaufkommen 2012



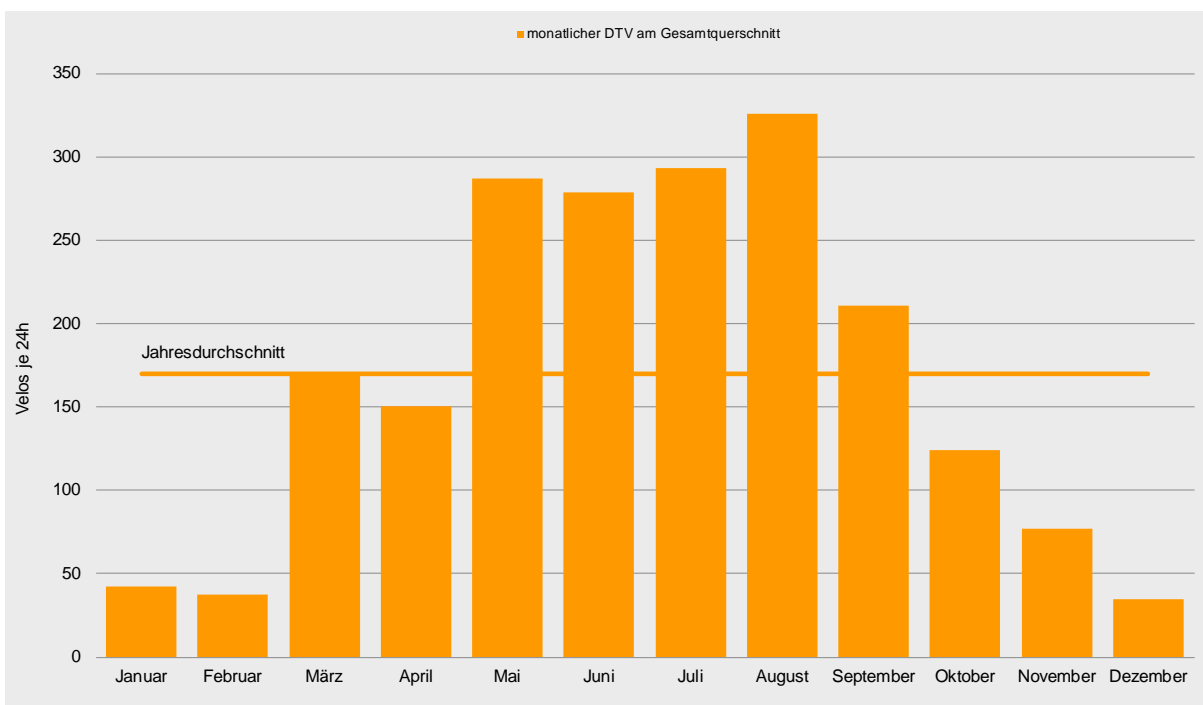
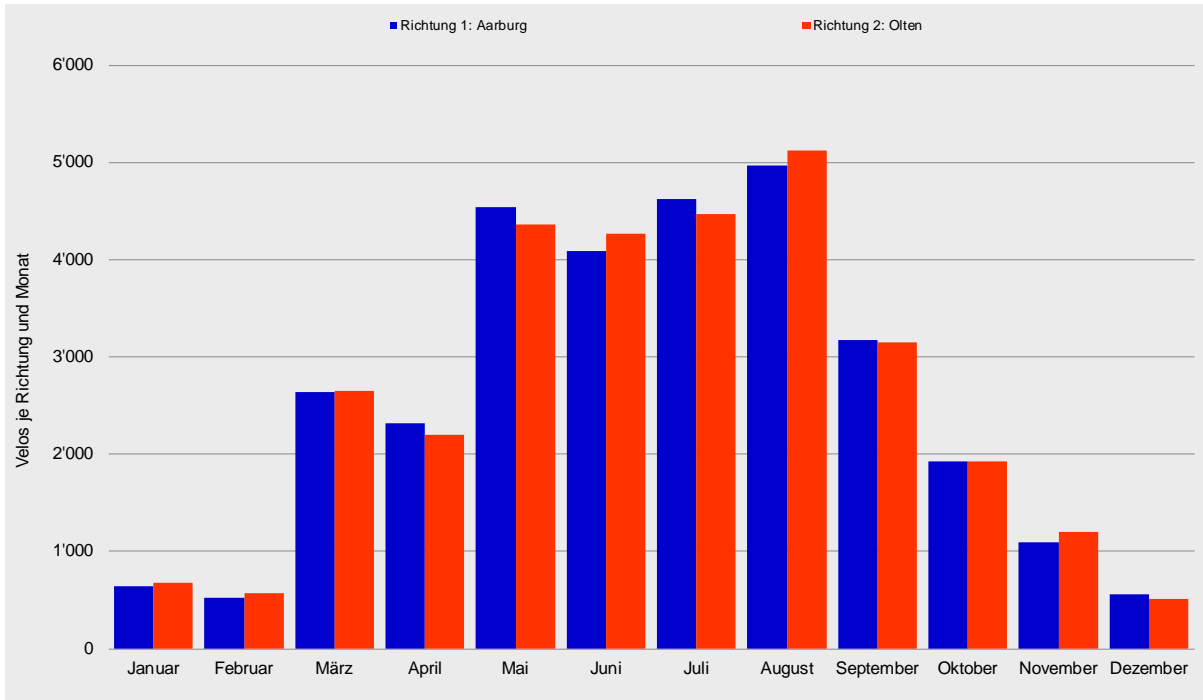


Velo-Zählanlage Olten Auswertung 2012

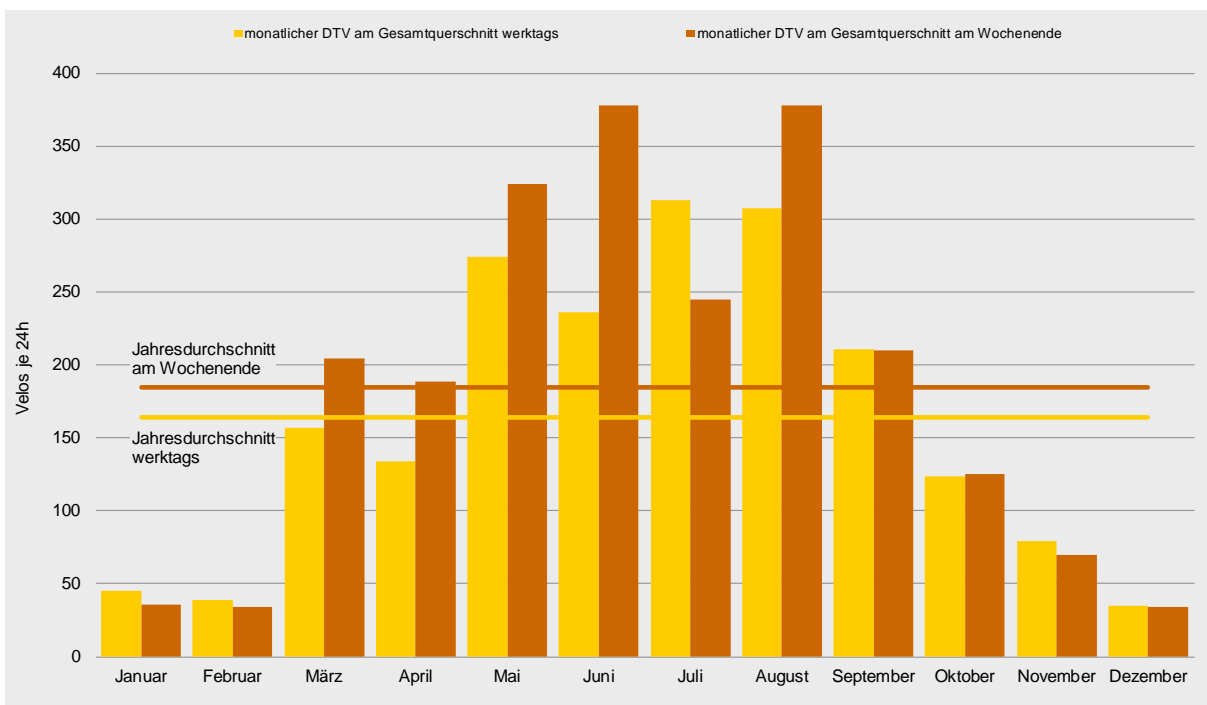
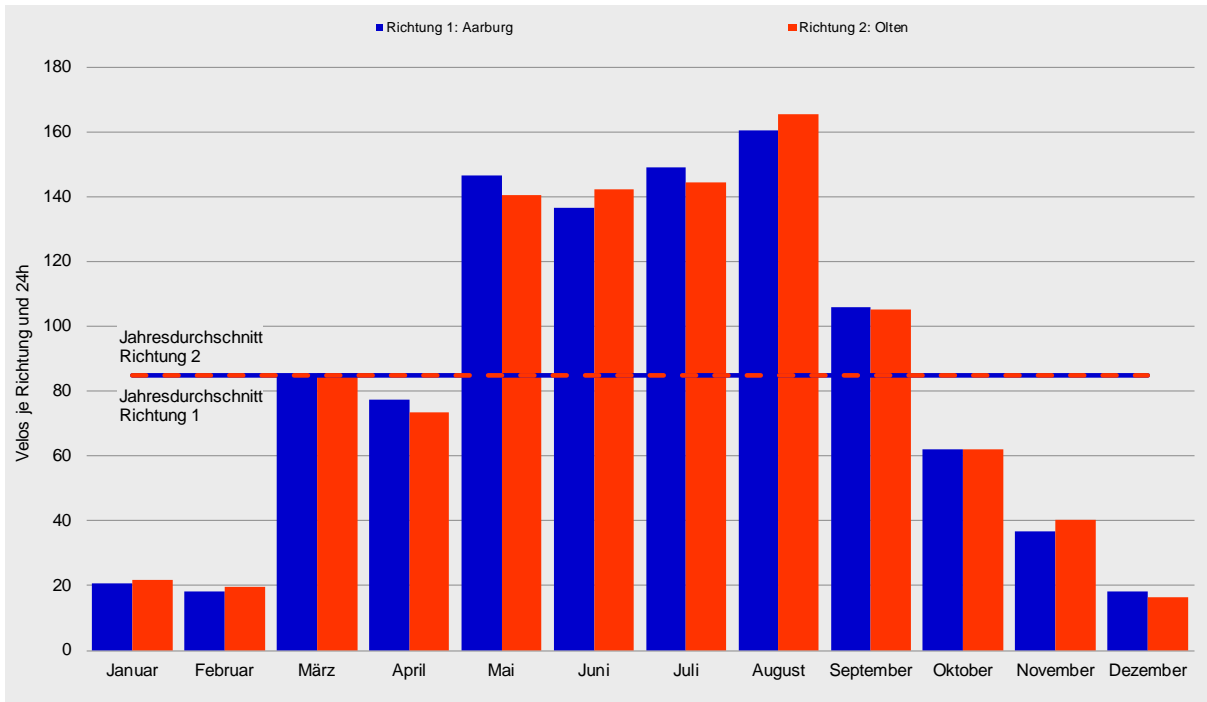




## Durchschnittlicher täglicher Veloverkehr 2012

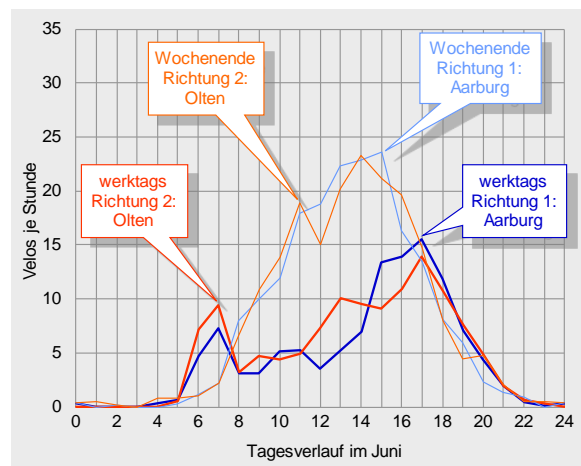
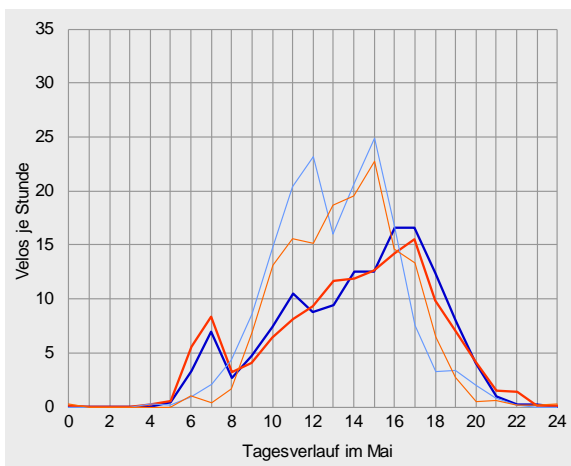
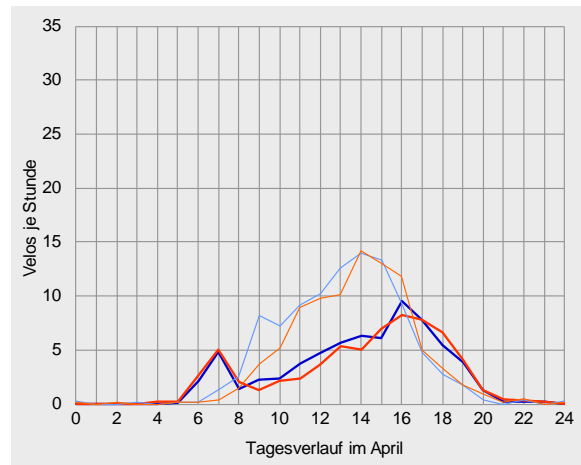
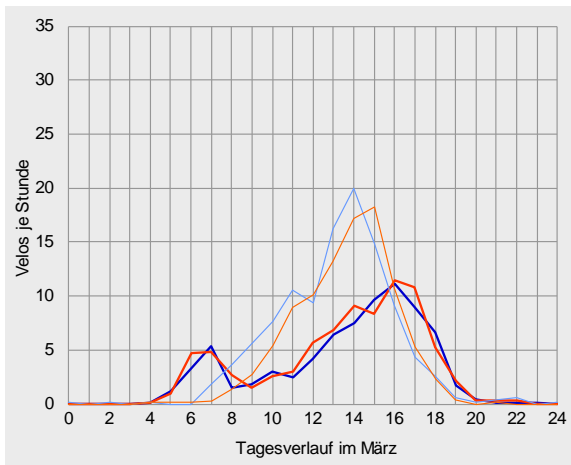
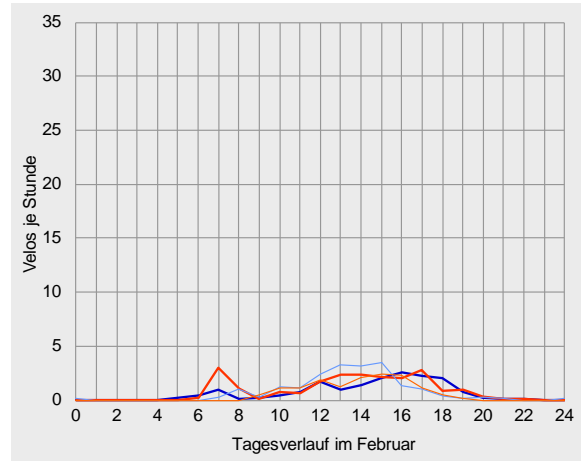
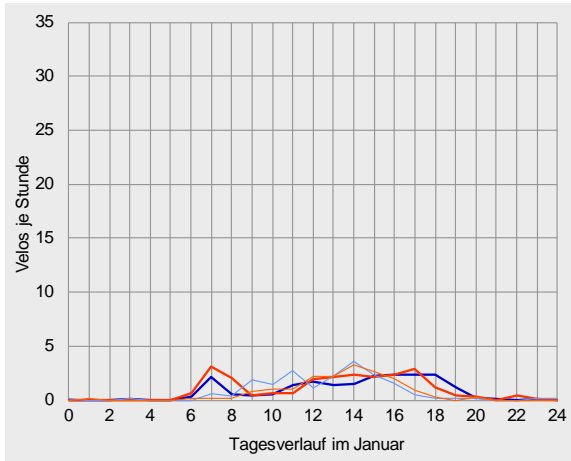






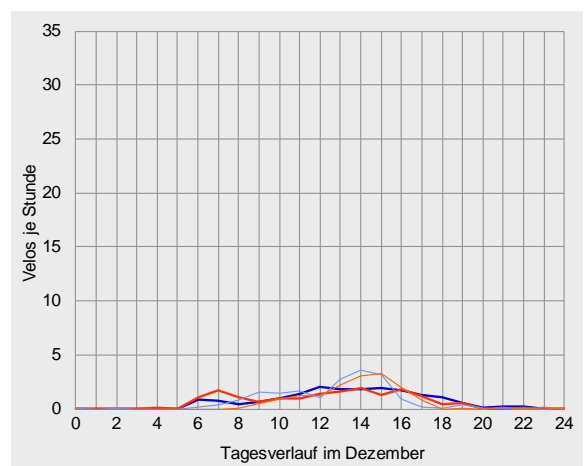
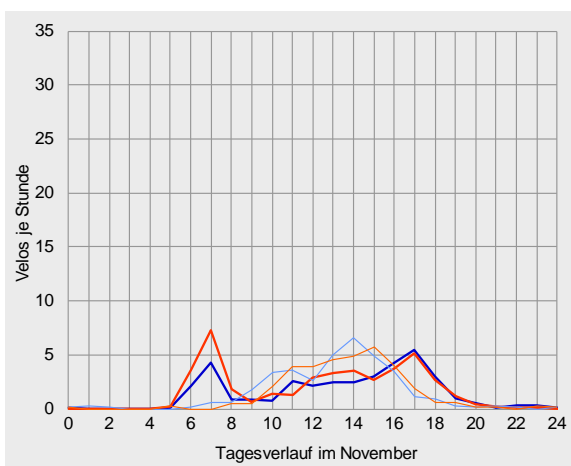
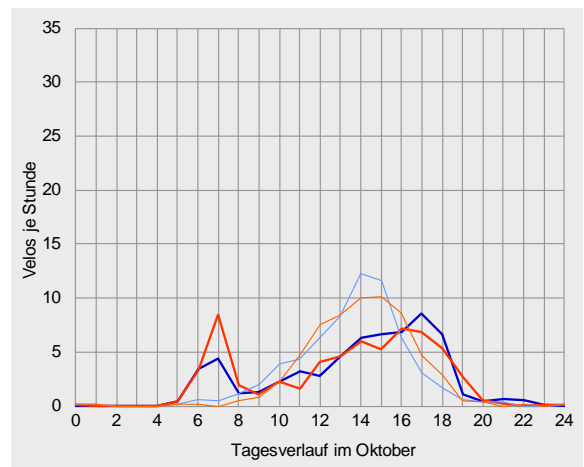
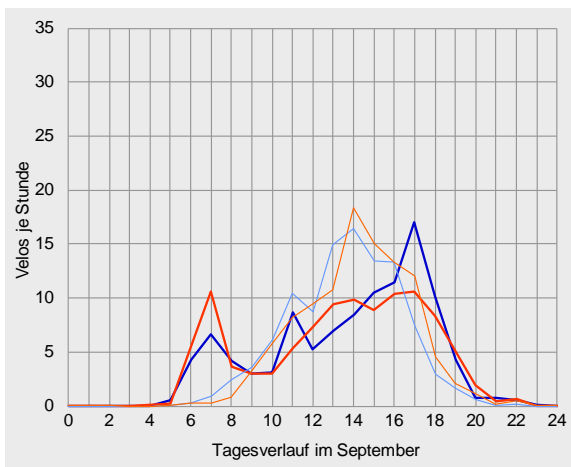
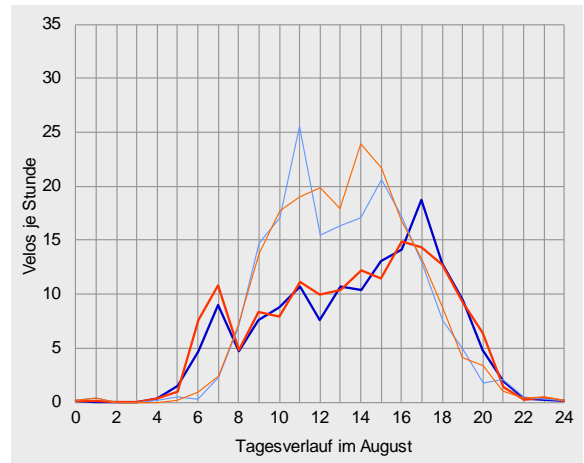
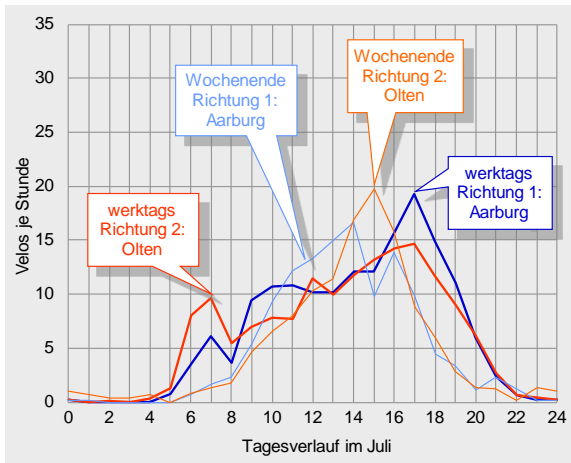


## Tagesganglinien 2012





Velo-Zählanlage Olten Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Olten 2012

		Richtung 1: Aarburg			Richtung 2: Olten			Gesamtquerschnitt		
Zählwerte		Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar		636	2%	-18%	676	2%	-14%	1'312	2%	-16%
Februar		522	2%	-45%	570	2%	-42%	1'092	2%	-44%
März		2'637	8%	+42%	2'652	9%	+53%	5'289	9%	+47%
April		2'318	7%	-51%	2'198	7%	-54%	4'516	7%	-52%
Mai		4'539	15%	+4%	4'357	14%	-1%	8'896	14%	+2%
Juni		4'091	13%	+2%	4'267	14%	+7%	8'358	13%	+5%
Juli		4'618	15%	+9%	4'472	14%	+8%	9'090	15%	+9%
August		4'967	16%	+14%	5'123	16%	+15%	10'090	16%	+15%
September		3'172	10%	-2%	3'151	10%	-1%	6'323	10%	-2%
Oktober		1'922	6%	+11%	1'922	6%	+4%	3'844	6%	+7%
November		1'097	4%	-13%	1'205	4%	-8%	2'302	4%	-10%
Dezember		563	2%	-1%	510	2%	-13%	1'073	2%	-7%
2012		31'082	100%	-3%	31'103	100%	-3%	62'185	100%	-3%
Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	21	-74%	-10%	24	-71%	-4%	45	-73%	-7%
	Wochenende	19	-80%	-31%	17	-81%	-37%	36	-81%	-34%
	gesamt	21	-76%	-18%	22	-74%	-14%	42	-75%	-16%
Februar	w erktags	17	-79%	-39%	22	-74%	-29%	39	-76%	-34%
	Wochenende	20	-79%	-59%	14	-84%	-70%	34	-82%	-64%
	gesamt	18	-79%	-47%	20	-77%	-44%	38	-78%	-46%
März	w erktags	76	-7%	+36%	81	-2%	+53%	157	-4%	+44%
	Wochenende	108	+15%	+48%	97	+7%	+52%	204	+11%	+50%
	gesamt	85	+0%	+42%	86	+1%	+53%	171	+0%	+47%
April	w erktags	68	-16%	-49%	66	-20%	-51%	134	-18%	-50%
	Wochenende	98	+5%	-54%	90	-0%	-58%	189	+2%	-56%
	gesamt	77	-9%	-51%	73	-14%	-54%	151	-11%	-52%
Mai	w erktags	138	+70%	+9%	136	+65%	+11%	274	+67%	+10%
	Wochenende	170	+82%	-3%	154	+69%	-18%	324	+76%	-11%
	gesamt	146	+72%	+4%	141	+65%	-1%	287	+69%	+2%
Juni	w erktags	114	+40%	-5%	122	+47%	+4%	236	+44%	-0%
	Wochenende	188	+100%	+9%	190	+110%	+9%	378	+105%	+9%
	gesamt	136	+61%	+2%	142	+67%	+7%	279	+64%	+5%
Juli	w erktags	160	+96%	+30%	153	+86%	+29%	313	+91%	+29%
	Wochenende	123	+31%	-26%	122	+34%	-25%	245	+33%	-26%
	gesamt	149	+75%	+9%	144	+70%	+8%	293	+73%	+9%
August	w erktags	152	+86%	+9%	156	+88%	+13%	307	+87%	+11%
	Wochenende	185	+97%	+27%	193	+113%	+21%	378	+105%	+24%
	gesamt	160	+89%	+14%	165	+94%	+15%	325	+92%	+15%
September	w erktags	107	+31%	+5%	104	+26%	+3%	211	+29%	+4%
	Wochenende	104	+11%	-17%	107	+18%	-10%	210	+14%	-14%
	gesamt	106	+25%	-2%	105	+24%	-1%	211	+24%	-2%
Oktober	w erktags	61	-25%	+13%	62	-25%	+4%	123	-25%	+8%
	Wochenende	64	-32%	+8%	62	-32%	+3%	126	-32%	+6%
	gesamt	62	-27%	+11%	62	-27%	+4%	124	-27%	+7%
November	w erktags	37	-55%	-8%	42	-49%	-0%	79	-52%	-4%
	Wochenende	36	-62%	-25%	34	-63%	-26%	70	-62%	-26%
	gesamt	37	-57%	-13%	40	-53%	-8%	77	-55%	-10%
Dezember	w erktags	18	-78%	-6%	17	-80%	-15%	35	-79%	-11%
	Wochenende	19	-80%	+11%	16	-83%	-5%	34	-81%	+3%
	gesamt	18	-79%	-1%	16	-81%	-13%	35	-80%	-7%
2012	w erktags	81	0%	+1%	83	0%	+2%	164	0%	+2%
	Wochenende	94	0%	-11%	91	0%	-15%	184	0%	-13%
	gesamt	85	0%	-3%	85	0%	-3%	170	0%	-3%



Velo-Zählanlage Olten Auswertung 2012

		Richtung 1: Aarburg					Richtung 2: Olten					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	1%	15%	33%	33%	19%	0%	24%	34%	31%	10%	0%	20%	34%	32%	14%
	Wochenende	1%	5%	69%	23%	2%	1%	2%	62%	33%	3%	1%	3%	66%	28%	2%
	gesamt	1%	12%	42%	30%	15%	0%	19%	41%	32%	9%	0%	16%	41%	31%	12%
Februar	w erktags	1%	8%	31%	40%	19%	0%	20%	37%	33%	11%	1%	15%	34%	36%	15%
	Wochenende	1%	6%	58%	30%	4%	0%	0%	56%	40%	4%	0%	4%	57%	34%	4%
	gesamt	1%	8%	39%	37%	15%	0%	16%	41%	34%	10%	1%	12%	40%	35%	12%
März	w erktags	2%	13%	33%	39%	12%	1%	15%	36%	38%	10%	1%	14%	35%	39%	11%
	Wochenende	0%	5%	65%	26%	4%	0%	2%	60%	36%	3%	0%	3%	62%	31%	3%
	gesamt	1%	10%	45%	35%	9%	1%	11%	43%	37%	8%	1%	11%	44%	36%	8%
April	w erktags	0%	12%	37%	34%	16%	1%	15%	30%	35%	20%	0%	13%	33%	35%	18%
	Wochenende	0%	4%	62%	28%	5%	0%	2%	57%	33%	7%	0%	3%	60%	30%	6%
	gesamt	0%	9%	47%	32%	12%	1%	10%	40%	34%	15%	0%	10%	43%	33%	14%
Mai	w erktags	0%	9%	39%	33%	19%	1%	13%	38%	31%	18%	1%	11%	38%	32%	18%
	Wochenende	0%	4%	61%	29%	6%	0%	2%	58%	33%	7%	0%	3%	59%	31%	6%
	gesamt	0%	8%	45%	32%	15%	1%	10%	43%	32%	15%	0%	9%	44%	32%	15%
Juni	w erktags	1%	13%	26%	37%	23%	1%	16%	34%	28%	22%	1%	15%	30%	33%	22%
	Wochenende	0%	6%	55%	28%	10%	1%	5%	54%	29%	11%	1%	6%	55%	29%	10%
	gesamt	1%	10%	38%	34%	17%	1%	12%	42%	28%	17%	1%	11%	40%	31%	17%
Juli	w erktags	1%	8%	40%	29%	22%	1%	15%	36%	27%	20%	1%	12%	38%	28%	21%
	Wochenende	0%	4%	59%	27%	10%	2%	3%	47%	36%	10%	1%	3%	53%	32%	10%
	gesamt	0%	7%	44%	29%	19%	2%	12%	39%	30%	18%	1%	10%	42%	29%	18%
August	w erktags	1%	12%	37%	30%	19%	1%	15%	38%	26%	20%	1%	14%	38%	28%	19%
	Wochenende	1%	5%	58%	27%	9%	0%	5%	58%	27%	9%	0%	5%	58%	27%	9%
	gesamt	1%	10%	43%	29%	16%	1%	12%	44%	26%	16%	1%	11%	44%	28%	16%
September	w erktags	1%	14%	33%	36%	16%	0%	19%	36%	29%	16%	0%	17%	35%	33%	16%
	Wochenende	0%	3%	58%	33%	5%	0%	1%	52%	38%	8%	0%	2%	55%	35%	7%
	gesamt	0%	11%	41%	35%	12%	0%	13%	42%	32%	13%	0%	12%	42%	34%	13%
Oktober	w erktags	1%	15%	33%	36%	15%	1%	22%	32%	31%	14%	1%	18%	32%	33%	15%
	Wochenende	1%	4%	58%	33%	5%	1%	1%	54%	38%	6%	1%	2%	56%	35%	5%
	gesamt	1%	12%	40%	35%	13%	1%	17%	37%	33%	12%	1%	14%	39%	34%	12%
November	w erktags	1%	20%	30%	35%	14%	1%	30%	31%	27%	11%	1%	25%	31%	31%	13%
	Wochenende	1%	4%	64%	26%	5%	1%	1%	58%	34%	5%	1%	3%	61%	30%	5%
	gesamt	1%	16%	39%	33%	11%	1%	23%	37%	29%	10%	1%	20%	38%	31%	11%
Dezember	w erktags	0%	11%	49%	28%	12%	1%	23%	45%	25%	6%	1%	17%	47%	27%	9%
	Wochenende	1%	8%	64%	23%	4%	0%	1%	57%	39%	3%	1%	4%	61%	30%	4%
	gesamt	1%	10%	54%	26%	10%	1%	16%	49%	30%	5%	1%	13%	51%	28%	7%
2012	w erktags	1%	12%	35%	34%	18%	1%	17%	36%	30%	17%	1%	14%	35%	32%	18%
	Wochenende	0%	5%	59%	28%	7%	1%	3%	55%	33%	8%	1%	4%	57%	31%	7%
	gesamt	1%	10%	43%	32%	15%	1%	13%	42%	31%	14%	1%	11%	42%	31%	15%
Spitzenstunde des Gesamtjahres		Velos je h Zeitraum					Velos je h Zeitraum					Velos je h Zeitraum				
werktags		10 17-18 Uhr					9 17-18 Uhr					19 17-18 Uhr				
Wochenende		13 14-15 Uhr					13 14-15 Uhr					26 14-15 Uhr				
über alle Tage 2012		9 16-17 Uhr					9 16-17 Uhr					18 16-17 Uhr				





## Compteur de Prangins VD (26)

### Dépouillement pour 2012

Cette section de comptage est l'une des moins fréquentées des itinéraires nationaux de «La Suisse à vélo». Elle est franchie par du trafic aussi bien de pendulaires que de loisirs.

Le compteur a enregistré plus de 20'000 cyclistes pendant l'année 2012, soit un peu moins que l'année précédente. La haute saison de cette section s'est répartie entre mai et septembre.

La distinction entre les directions montre une légère prédominance vers Rolle, surtout en haute saison. Le trafic journalier moyen a été de 57 vélos.

### Emplacement

Ce compteur automatique est situé dans le canton de Vaud sur la Route du Rhône (route 1), l'un des neuf itinéraires nationaux de «La Suisse à vélo».

Il se trouve sur la rive nord du lac Léman au nord-ouest de Prangins sur le chemin des Emoisières entre Nyon et Rolle.

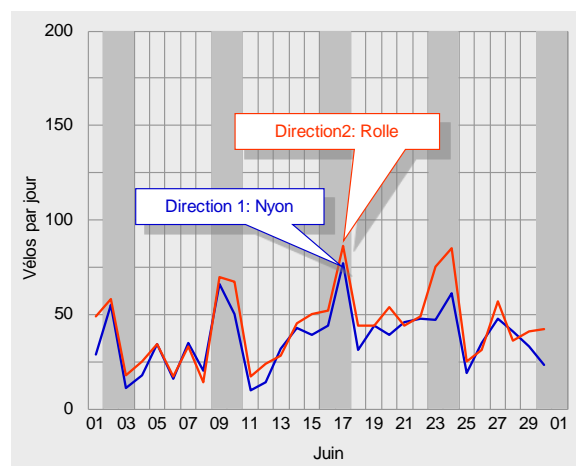
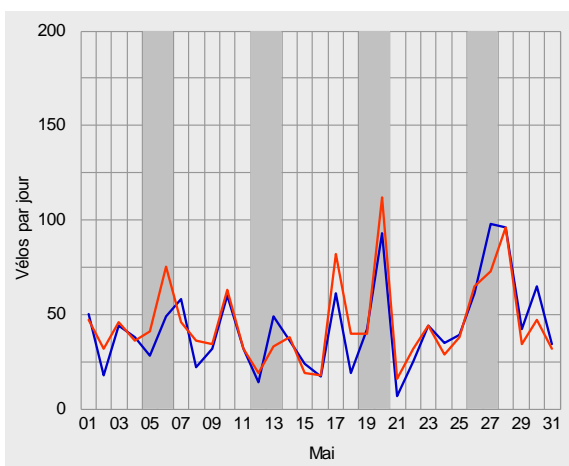
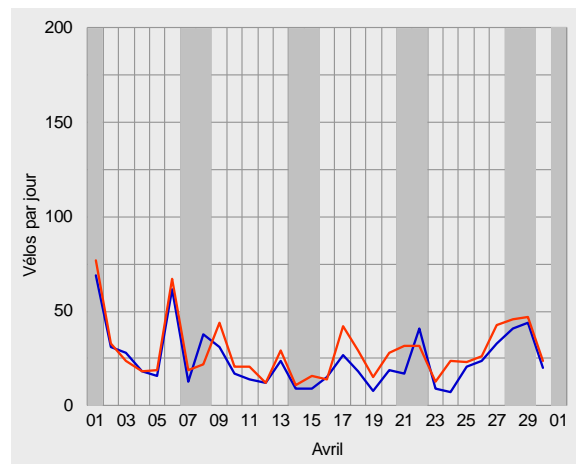
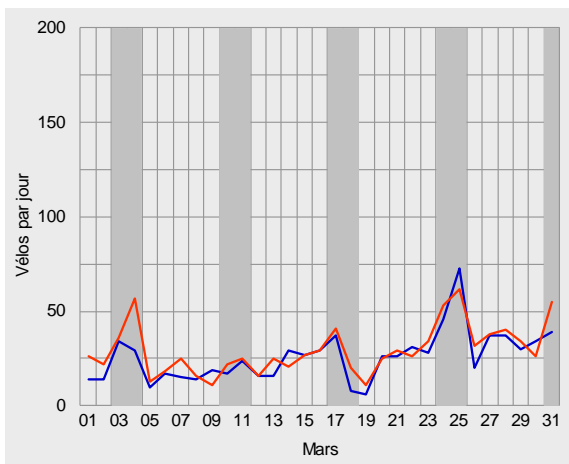
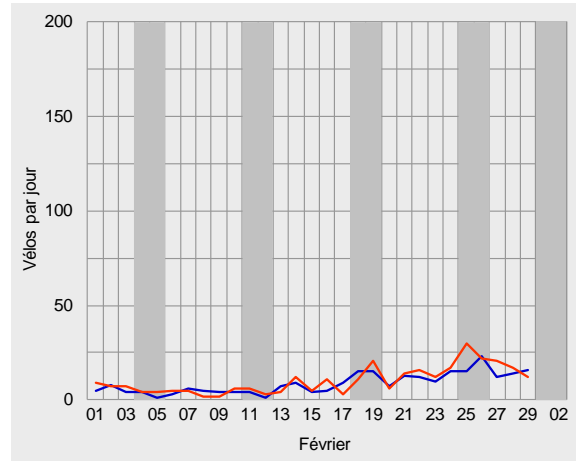
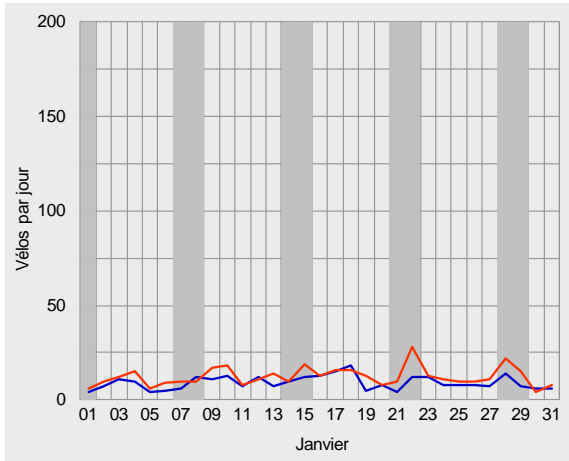
La fréquentation principale d'un jour moyen est enregistrée en fin d'après-midi. Sur l'ensemble de l'année, la charge horaire moyenne la plus élevée a été entre 17 et 18 heures avec 6 vélos.

Le compteur de Prangins a enregistré les données en continu pendant toute l'année. Il n'y a pas eu de pertes de données enregistrées.

Il s'agit d'une route secondaire avec peu de trafic automobile. Sa largeur est d'environ 4 mètres au droit du compteur. Elle est revêtue et plate. Elle offre donc des conditions idéales pour le vélo.



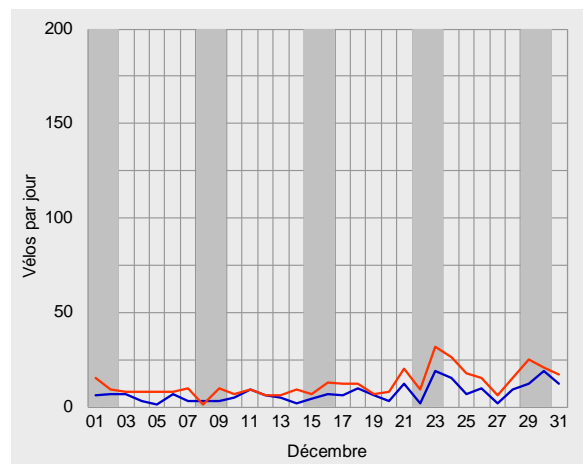
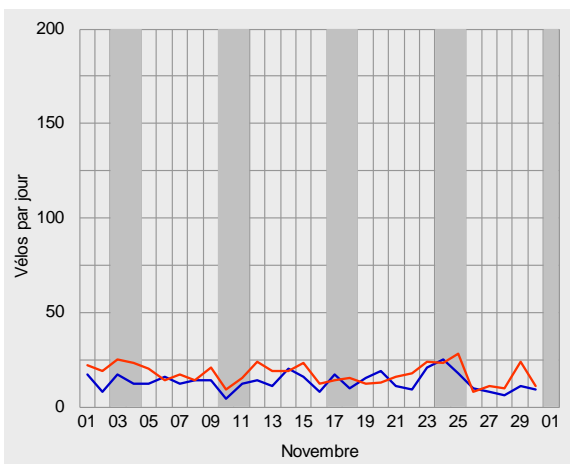
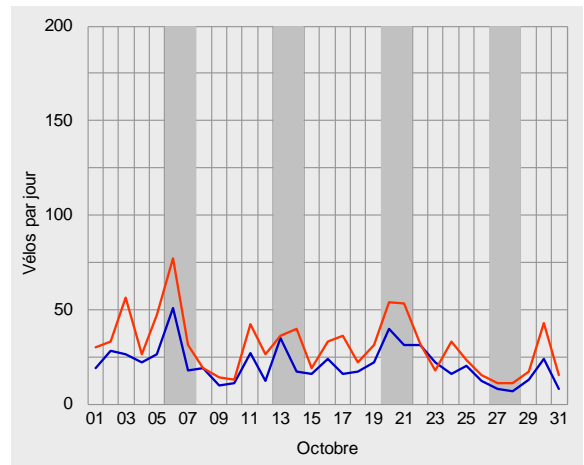
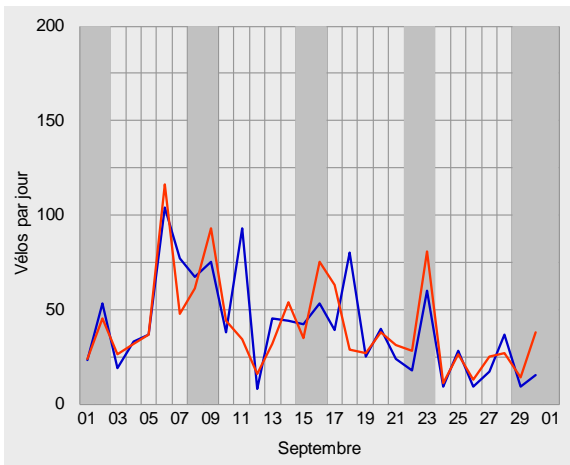
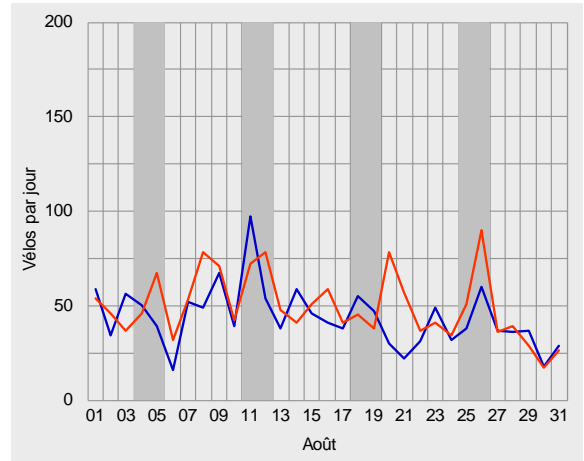
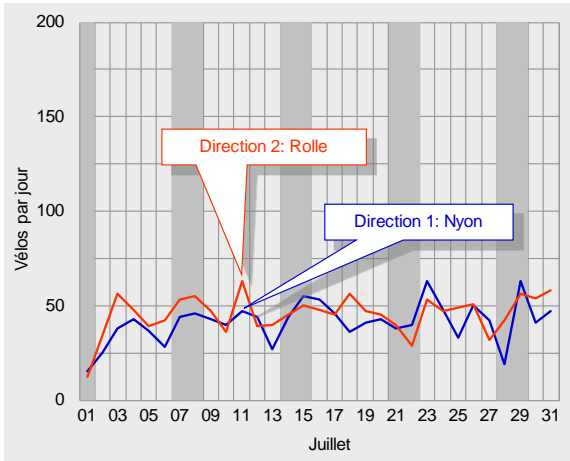
## Trafic par jour, mois et direction en 2012





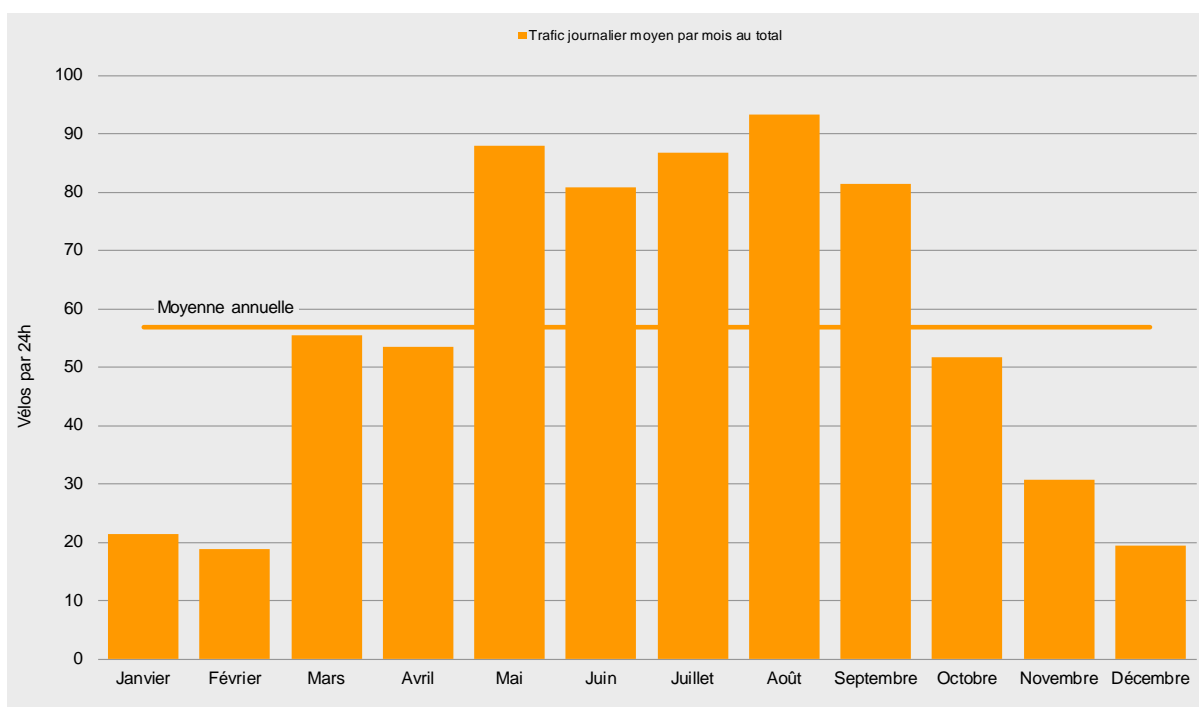
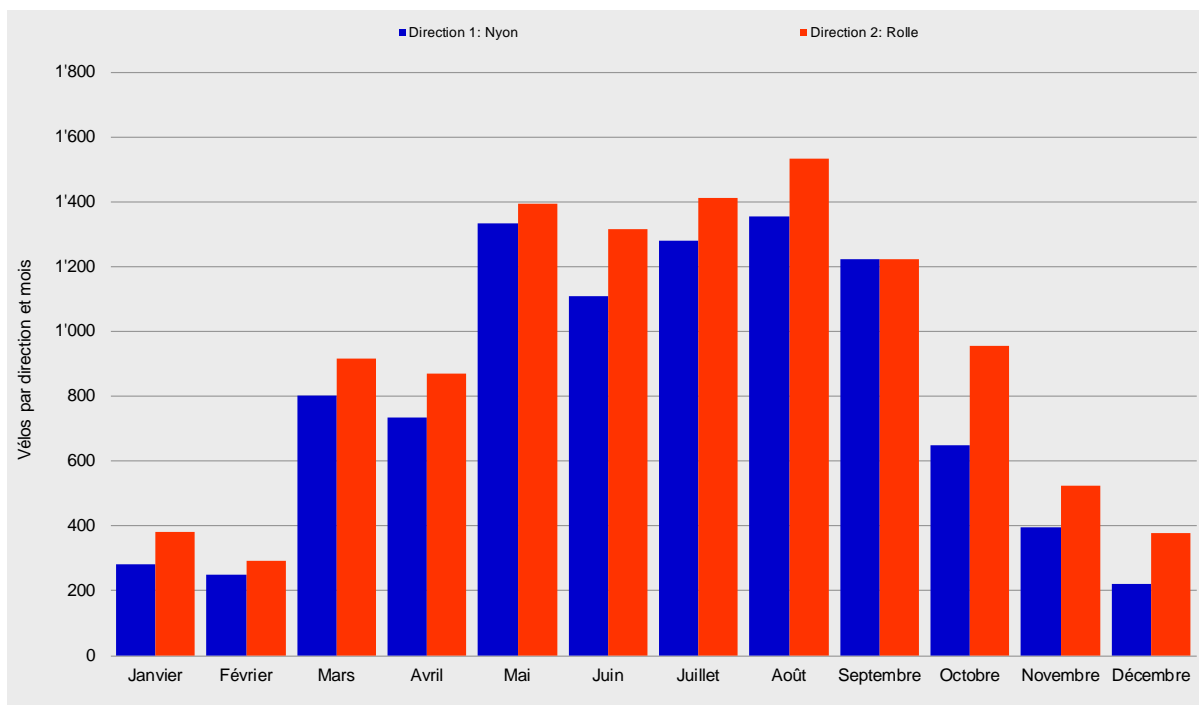


Compteur de Prangins, dépeillement pour 2012



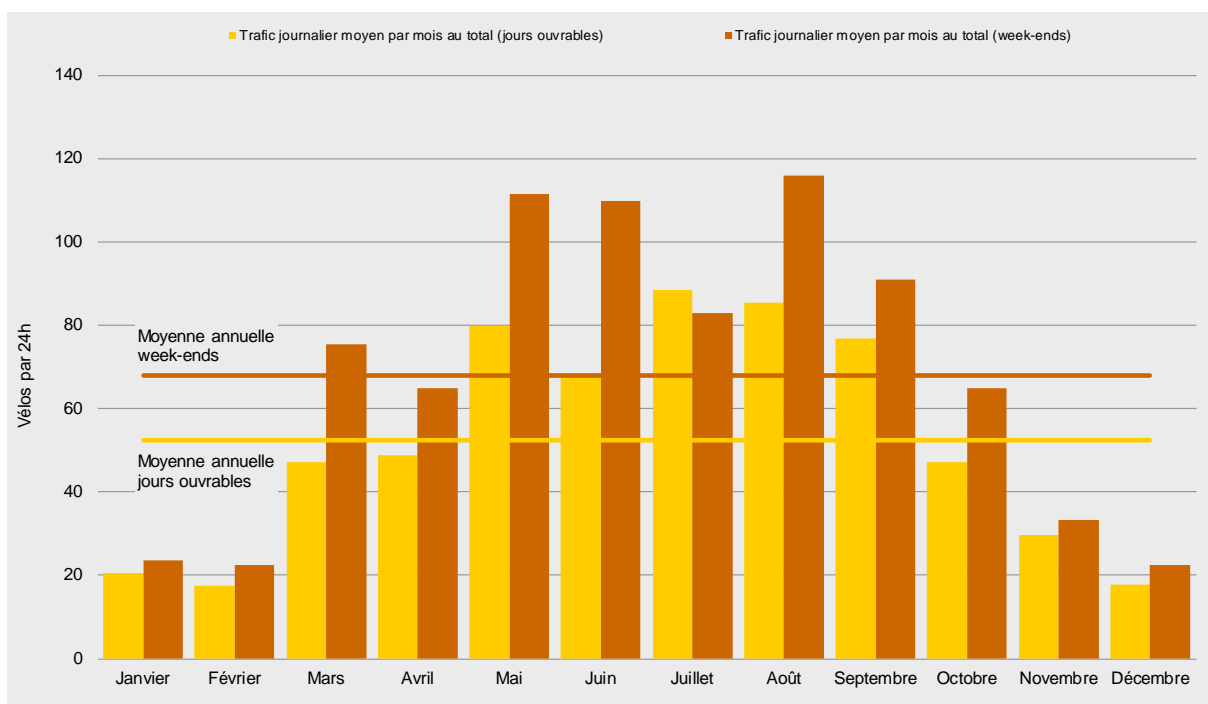
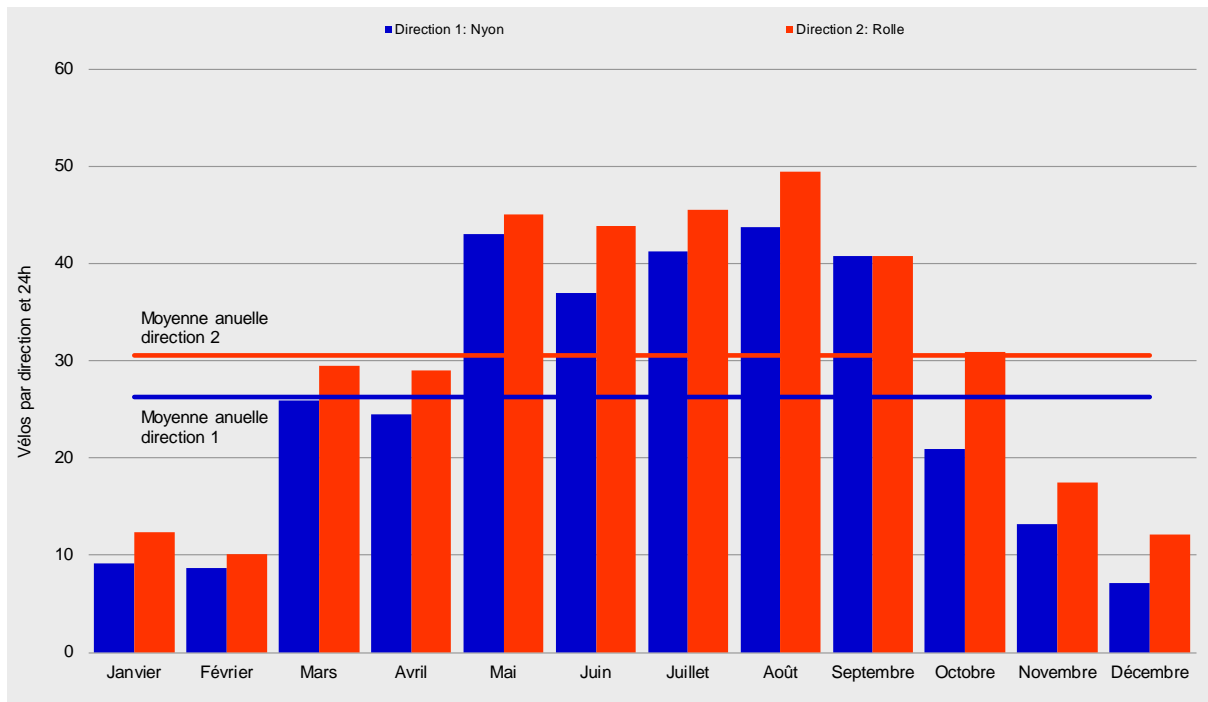


## Trafic journalier moyen en 2012



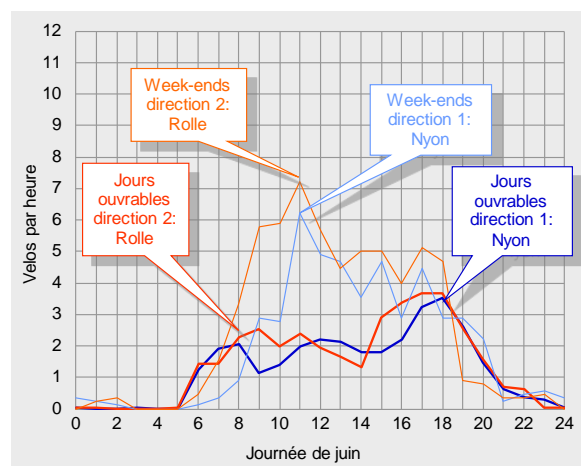
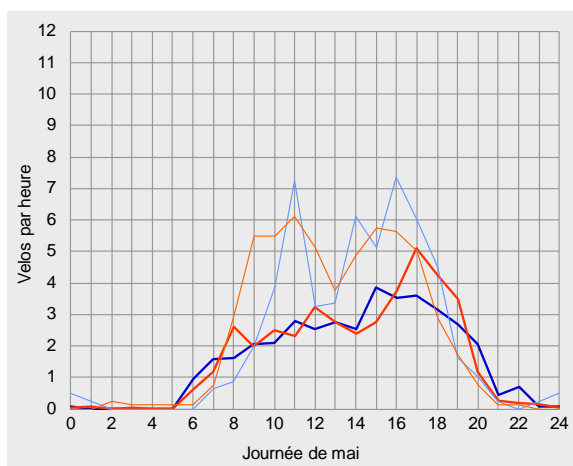
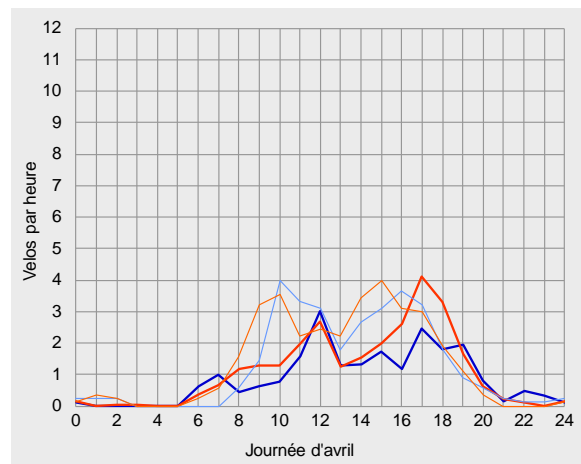
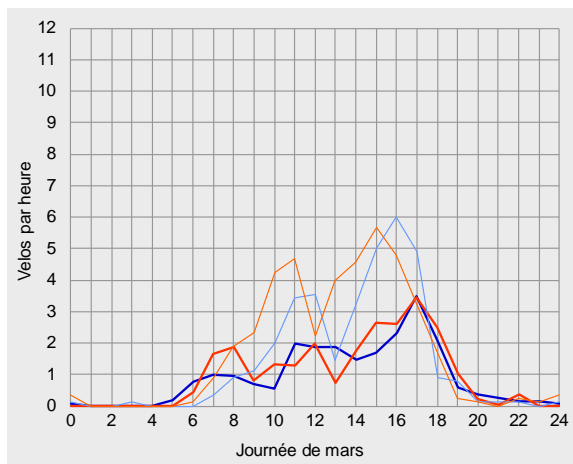
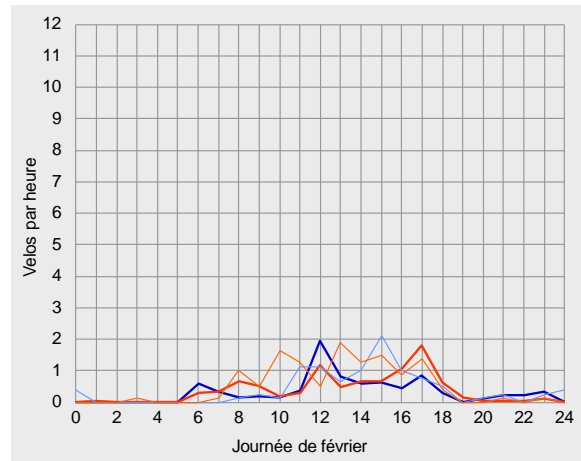
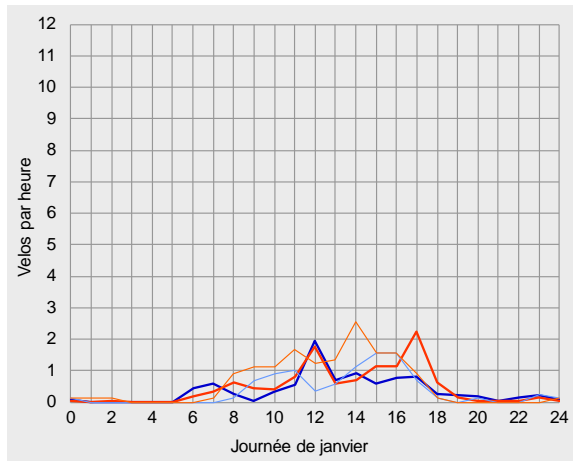


Compteur de Prangins, dépeuillement pour 2012



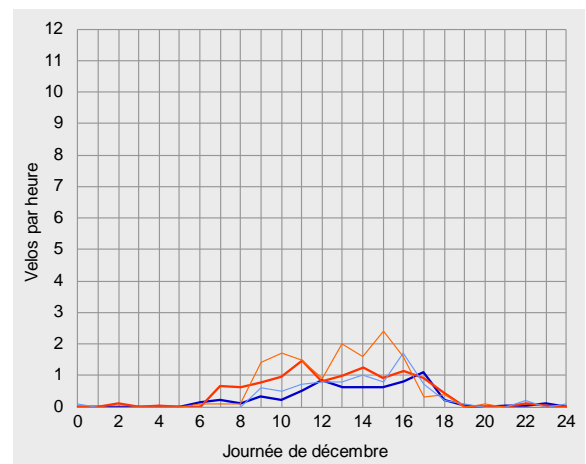
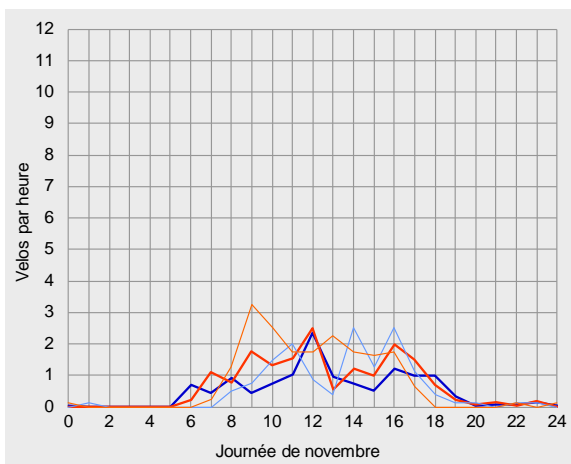
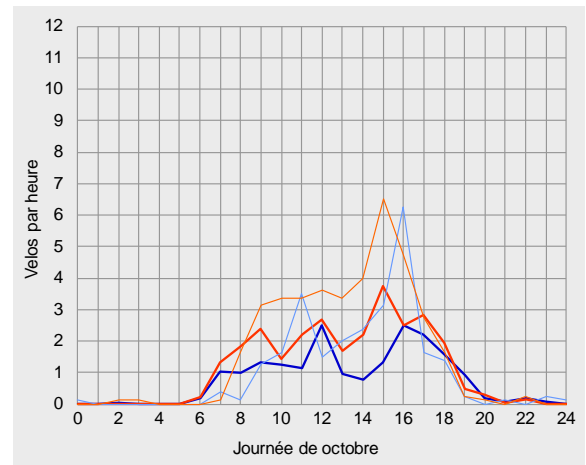
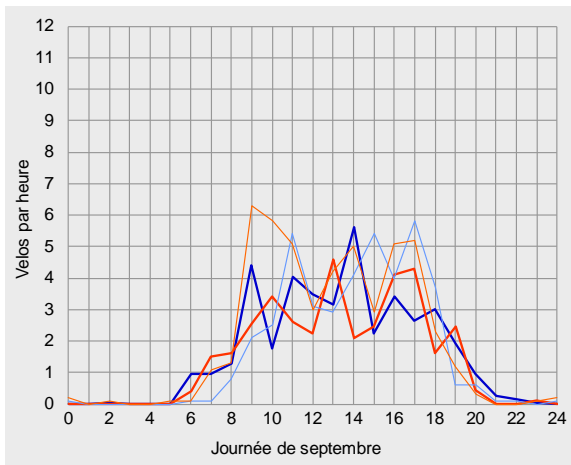
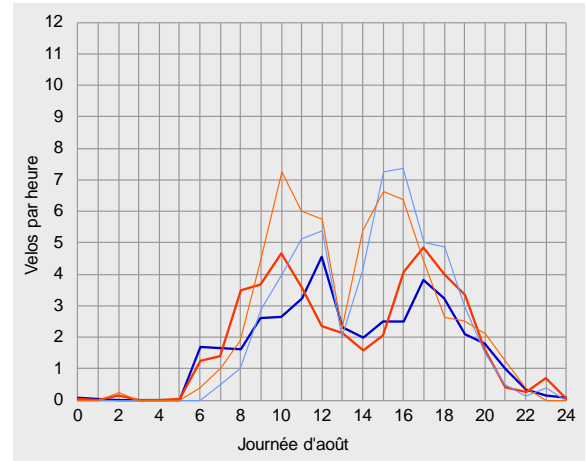
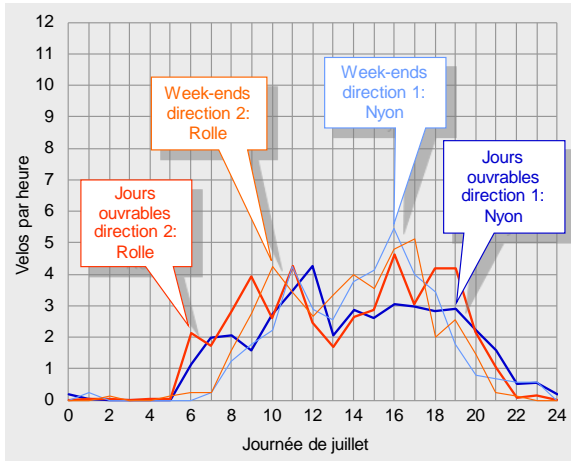


## Courbes de variations journalières en 2012





Compteur de Prangins, dépeuillement pour 2012





## Vue d'ensemble des résultats pour 2012

		Direction 1: Nyon			Direction 2: Rolle			Total		
Trafic compté		Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011
Janvier		282	3%	-21%	383	3%	-23%	665	3%	-22%
Février		250	3%	-44%	294	3%	-47%	544	3%	-46%
Mars		802	8%	+11%	915	8%	+8%	1717	8%	+9%
Avril		735	8%	-47%	871	8%	-44%	1606	8%	-46%
Mai		1332	14%	-11%	1395	12%	-20%	2727	13%	-16%
Juin		1108	12%	-20%	1314	12%	-16%	2422	12%	-18%
Juillet		1279	13%	-0%	1411	13%	+0%	2690	13%	-0%
Août		1355	14%	-19%	1534	14%	-14%	2889	14%	-17%
Septembre		1221	13%	+14%	1223	11%	+0%	2444	12%	+7%
Octobre		648	7%	-22%	956	9%	+5%	1604	8%	-8%
Novembre		396	4%	-24%	523	5%	-17%	919	4%	-20%
Décembre		222	2%	-18%	377	3%	+13%	599	3%	-1%
2012		9630	100%	-16%	11196	100%	-14%	20826	100%	-15%

Trafic journalier moyen		Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011
Janvier	Jours ouvrables	9	-63%	-9%	12	-59%	-12%	21	-61%	-11%
	Week-ends	9	-71%	-38%	14	-61%	-34%	23	-65%	-36%
	Total	9	-65%	-21%	12	-60%	-23%	21	-62%	-22%
Février	Jours ouvrables	8	-67%	-38%	9	-67%	-42%	17	-67%	-40%
	Week-ends	10	-68%	-58%	13	-66%	-58%	22	-67%	-58%
	Total	9	-67%	-46%	10	-67%	-49%	19	-67%	-48%
Mars	Jours ouvrables	23	-8%	+6%	25	-12%	+9%	47	-10%	+8%
	Week-ends	34	+11%	+17%	41	+11%	+1%	75	+11%	+7%
	Total	26	-2%	+11%	30	-4%	+8%	55	-3%	+9%
Avril	Jours ouvrables	22	-12%	-42%	27	-3%	-34%	49	-7%	-38%
	Week-ends	31	+1%	-54%	34	-9%	-57%	65	-5%	-56%
	Total	25	-7%	-47%	29	-5%	-44%	54	-6%	-46%
Mai	Jours ouvrables	39	+59%	+2%	41	+45%	-3%	80	+52%	-1%
	Week-ends	54	+76%	-26%	57	+55%	-37%	112	+64%	-32%
	Total	43	+63%	-11%	45	+47%	-20%	88	+55%	-16%
Juin	Jours ouvrables	32	+31%	-17%	36	+29%	-14%	68	+30%	-16%
	Week-ends	48	+56%	-29%	61	+66%	-23%	110	+62%	-26%
	Total	37	+40%	-20%	44	+43%	-16%	81	+42%	-18%
Juillet	Jours ouvrables	42	+70%	+7%	47	+67%	+14%	88	+68%	+11%
	Week-ends	40	+31%	-14%	42	+15%	-23%	83	+22%	-19%
	Total	41	+57%	-0%	46	+49%	+0%	87	+52%	-0%
Août	Jours ouvrables	40	+62%	-17%	46	+63%	-6%	85	+62%	-11%
	Week-ends	55	+78%	-24%	61	+65%	-29%	116	+71%	-27%
	Total	44	+66%	-19%	49	+62%	-14%	93	+64%	-17%
Septembre	Jours ouvrables	40	+65%	+13%	36	+30%	-4%	77	+46%	+4%
	Week-ends	42	+35%	+18%	49	+34%	+3%	91	+34%	+9%
	Total	41	+55%	+14%	41	+33%	+0%	81	+43%	+7%
Octobre	Jours ouvrables	19	-22%	-21%	28	-0%	+12%	47	-10%	-4%
	Week-ends	26	-16%	-19%	39	+6%	+1%	65	-4%	-8%
	Total	21	-21%	-22%	31	+1%	+5%	52	-9%	-8%
Novembre	Jours ouvrables	13	-48%	-10%	17	-40%	+7%	30	-44%	-1%
	Week-ends	14	-53%	-45%	19	-49%	-46%	33	-51%	-46%
	Total	13	-50%	-24%	17	-43%	-17%	31	-46%	-20%
Décembre	Jours ouvrables	7	-73%	-6%	11	-60%	+20%	18	-66%	+9%
	Week-ends	8	-73%	-35%	14	-62%	-1%	22	-67%	-17%
	Total	7	-73%	-18%	12	-60%	+13%	19	-66%	-1%
2012	Jours ouvrables	24	0%	-11%	28	0%	-6%	53	0%	-8%
	Week-ends	31	0%	-26%	37	0%	-28%	68	0%	-27%
	Total	26	0%	-16%	31	0%	-15%	57	0%	-15%



Compteur de Prangins, dépeillement pour 2012

		Direction 1: Nyon					Direction 2: Rolle					Total				
Parts du total selon les tranches horaires		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Janvier	Jours ouvrables	1%	14%	49%	24%	12%	1%	10%	41%	39%	9%	1%	12%	44%	32%	10%
	Week-ends	1%	1%	51%	42%	5%	2%	7%	62%	28%	1%	2%	5%	58%	33%	2%
	Total	1%	11%	49%	29%	10%	1%	9%	48%	35%	6%	1%	10%	49%	33%	8%
Février	Jours ouvrables	0%	13%	49%	23%	15%	1%	14%	36%	38%	11%	0%	13%	42%	31%	13%
	Week-ends	4%	1%	44%	40%	12%	1%	9%	55%	30%	5%	2%	6%	50%	34%	8%
	Total	1%	9%	48%	28%	14%	1%	12%	43%	35%	9%	1%	11%	45%	32%	11%
Mars	Jours ouvrables	1%	12%	37%	33%	16%	0%	16%	32%	35%	17%	1%	14%	35%	34%	16%
	Week-ends	1%	4%	43%	47%	6%	1%	7%	53%	33%	6%	1%	5%	49%	39%	6%
	Total	1%	9%	40%	38%	12%	0%	12%	41%	34%	12%	1%	11%	40%	36%	12%
Avril	Jours ouvrables	0%	9%	40%	25%	26%	1%	8%	37%	32%	22%	1%	9%	38%	29%	23%
	Week-ends	2%	2%	52%	32%	12%	2%	7%	51%	30%	10%	2%	4%	52%	31%	11%
	Total	1%	7%	44%	28%	20%	1%	8%	42%	31%	18%	1%	7%	43%	30%	19%
Mai	Jours ouvrables	0%	11%	38%	28%	23%	0%	11%	37%	28%	23%	0%	11%	37%	28%	23%
	Week-ends	1%	3%	48%	34%	14%	1%	7%	54%	29%	10%	1%	5%	51%	31%	12%
	Total	1%	8%	41%	30%	20%	1%	9%	43%	28%	19%	1%	9%	42%	29%	20%
Juin	Jours ouvrables	0%	16%	33%	23%	28%	0%	14%	33%	27%	25%	0%	15%	33%	25%	26%
	Week-ends	1%	3%	52%	25%	19%	1%	9%	55%	23%	12%	1%	6%	54%	24%	15%
	Total	1%	11%	41%	23%	24%	1%	12%	42%	26%	20%	1%	11%	41%	25%	22%
Juillet	Jours ouvrables	1%	12%	41%	21%	25%	0%	14%	38%	23%	25%	0%	13%	39%	22%	25%
	Week-ends	1%	4%	43%	34%	19%	1%	5%	48%	32%	15%	1%	4%	46%	33%	17%
	Total	1%	10%	42%	24%	24%	0%	12%	40%	25%	22%	0%	11%	41%	25%	23%
Août	Jours ouvrables	0%	12%	44%	22%	22%	0%	13%	39%	24%	23%	0%	13%	41%	23%	22%
	Week-ends	0%	3%	43%	36%	19%	0%	5%	51%	29%	15%	0%	4%	47%	32%	17%
	Total	0%	9%	43%	26%	21%	0%	11%	43%	25%	20%	0%	10%	43%	26%	20%
Septembre	Jours ouvrables	0%	8%	56%	21%	16%	0%	10%	48%	30%	13%	0%	9%	52%	25%	14%
	Week-ends	0%	2%	48%	37%	12%	1%	5%	60%	27%	8%	1%	4%	54%	31%	10%
	Total	0%	6%	53%	26%	14%	0%	8%	53%	29%	11%	0%	7%	53%	27%	13%
Octobre	Jours ouvrables	0%	12%	41%	31%	16%	0%	12%	45%	32%	10%	0%	12%	44%	32%	13%
	Week-ends	0%	2%	47%	43%	8%	1%	4%	53%	36%	6%	1%	3%	51%	38%	7%
	Total	0%	8%	43%	35%	13%	0%	10%	48%	33%	9%	0%	9%	46%	34%	11%
Novembre	Jours ouvrables	0%	16%	49%	21%	13%	0%	12%	53%	27%	8%	0%	14%	51%	24%	10%
	Week-ends	1%	3%	56%	34%	6%	1%	8%	70%	21%	1%	1%	6%	64%	27%	3%
	Total	1%	12%	51%	25%	11%	0%	11%	58%	25%	6%	0%	12%	55%	25%	8%
Décembre	Jours ouvrables	0%	7%	48%	38%	7%	1%	11%	56%	26%	5%	1%	10%	53%	31%	6%
	Week-ends	1%	0%	54%	39%	6%	0%	2%	64%	30%	4%	0%	1%	60%	33%	4%
	Total	0%	5%	50%	38%	7%	1%	8%	59%	28%	5%	1%	7%	56%	32%	5%
2012	Jours ouvrables	0%	12%	43%	25%	21%	0%	12%	40%	29%	19%	0%	12%	41%	27%	20%
	Week-ends	1%	3%	48%	35%	14%	1%	6%	55%	29%	9%	1%	5%	52%	32%	11%
	Total	1%	9%	44%	28%	18%	1%	10%	45%	29%	15%	1%	10%	45%	28%	17%
Heures de pointe de l'année		Vélos par heure		Quand		Vélos par heure		Quand		Vélos par heure		Quand				
Jours ouvrables		3		12-13 h		3		17-18 h		6		17-18 h				
Week-ends		4		16-17 h		4		10-11 h		8		16-17 h				
Tous les jours de 2012		3		12-13 h		3		17-18 h		6		17-18 h				







## Compteur de Grandvillard FR (27)

### Dépouillement pour 2012

Cette section de comptage voit passer principalement du trafic des loisirs à côté d'une charge de base constituée de pendulaires.

Les volumes sont très faibles. Le compteur a enregistré un peu moins de 13'000 cyclistes pendant l'année 2012. La haute saison de cette section s'est répartie entre mai et septembre.

La direction 2 vers Lessoc a été un peu plus chargée.

Le trafic journalier moyen a été de 35 vélos. La fréquentation principale d'un jour moyen est enregistrée en après-midi.

Sur l'ensemble de l'année, la charge horaire moyenne la plus élevée a été entre 15 et 16 heures avec 4 vélos.

Le compteur de Grandvillard a enregistré les données en continu pendant toute l'année. Il n'y a pas eu de pertes de données enregistrées.

### Emplacement

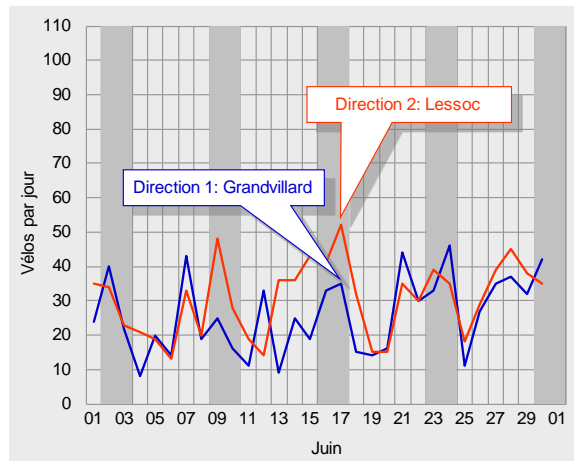
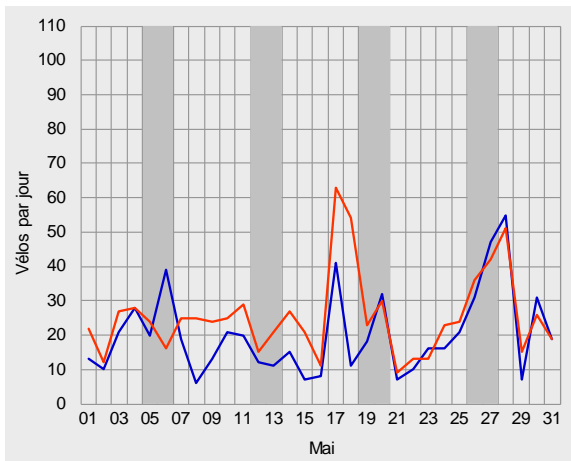
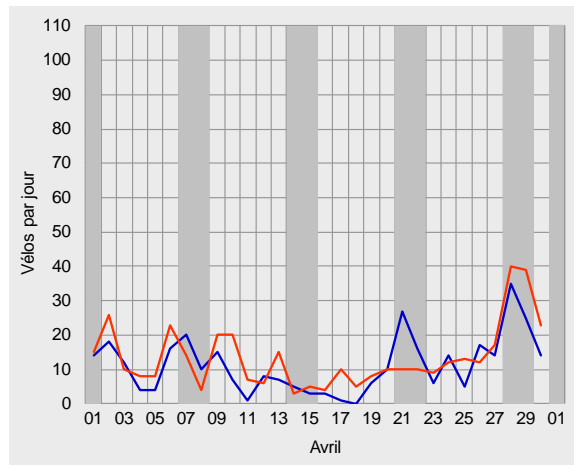
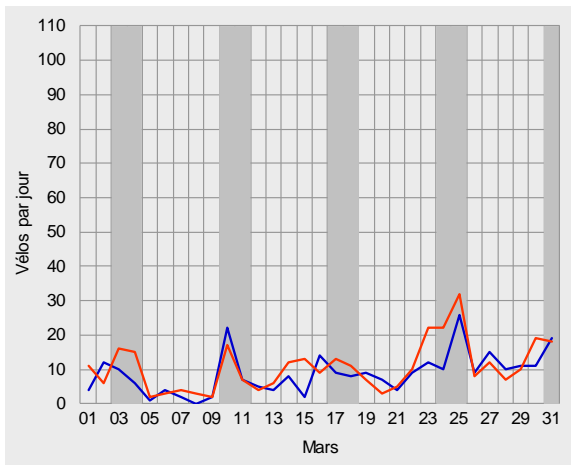
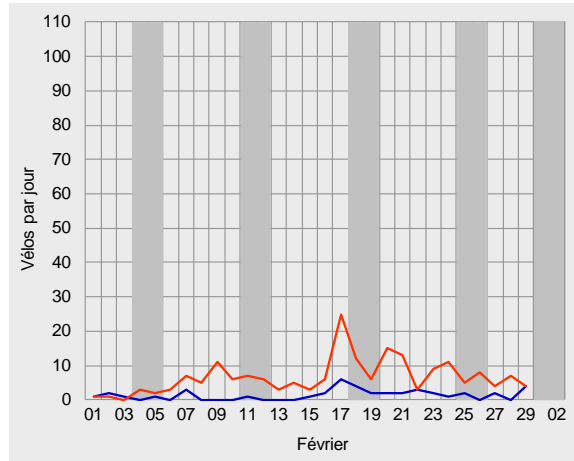
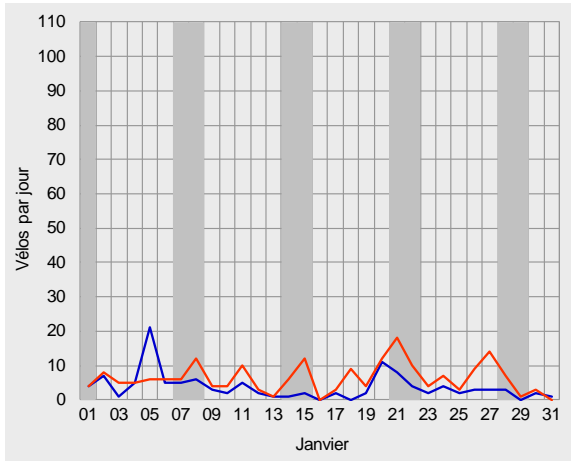
Ce compteur automatique est situé dans le canton de Fribourg à un endroit où passent deux itinéraires nationaux de «La Suisse à vélo», soit la Route panorama alpin (route 4) et la Route des lacs (route 9).

Il se trouve au sud de la sortie de Grandvillard sur la route de Lessoc entre Bulle et Château d'Oex.

Il s'agit d'une route secondaire ouverte à tout type de véhicule. Sa largeur est d'environ 4 mètres. Elle est revêtue et plate. Elle offre donc des conditions idéales pour le vélo.

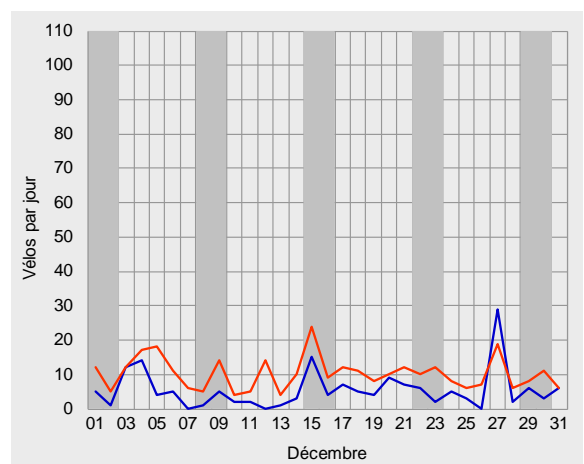
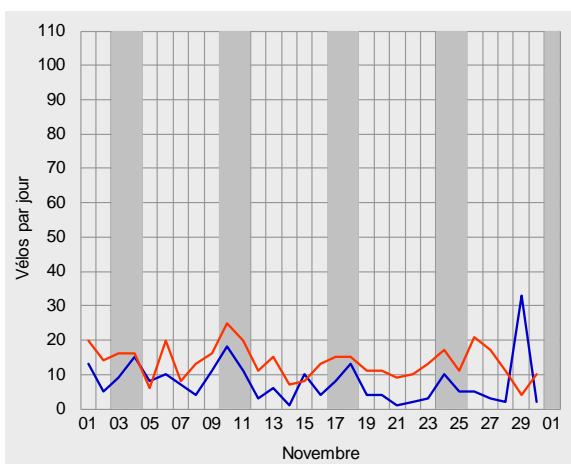
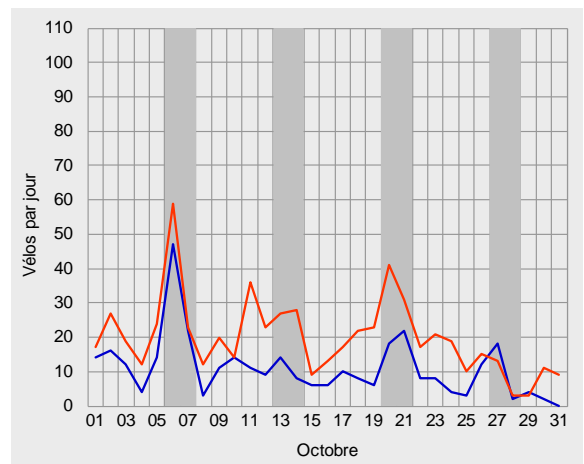
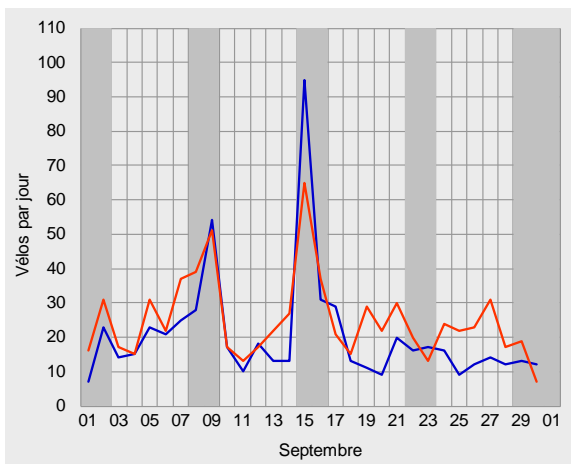
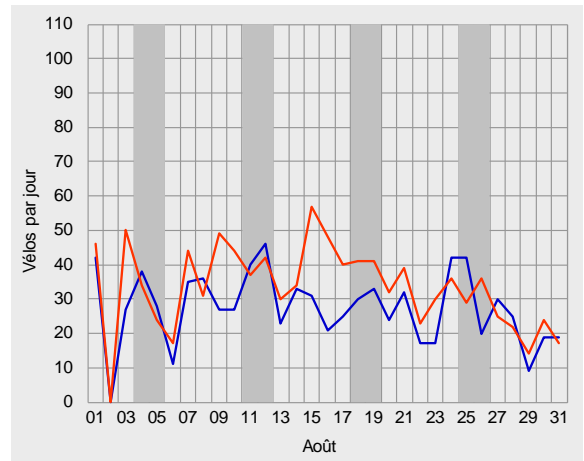
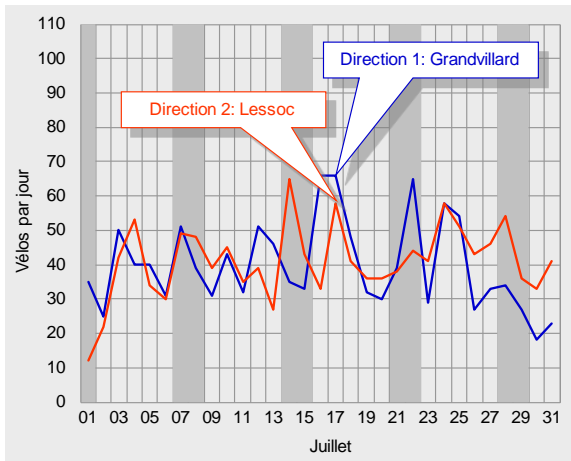


## Trafic par jour, mois et direction en 2012



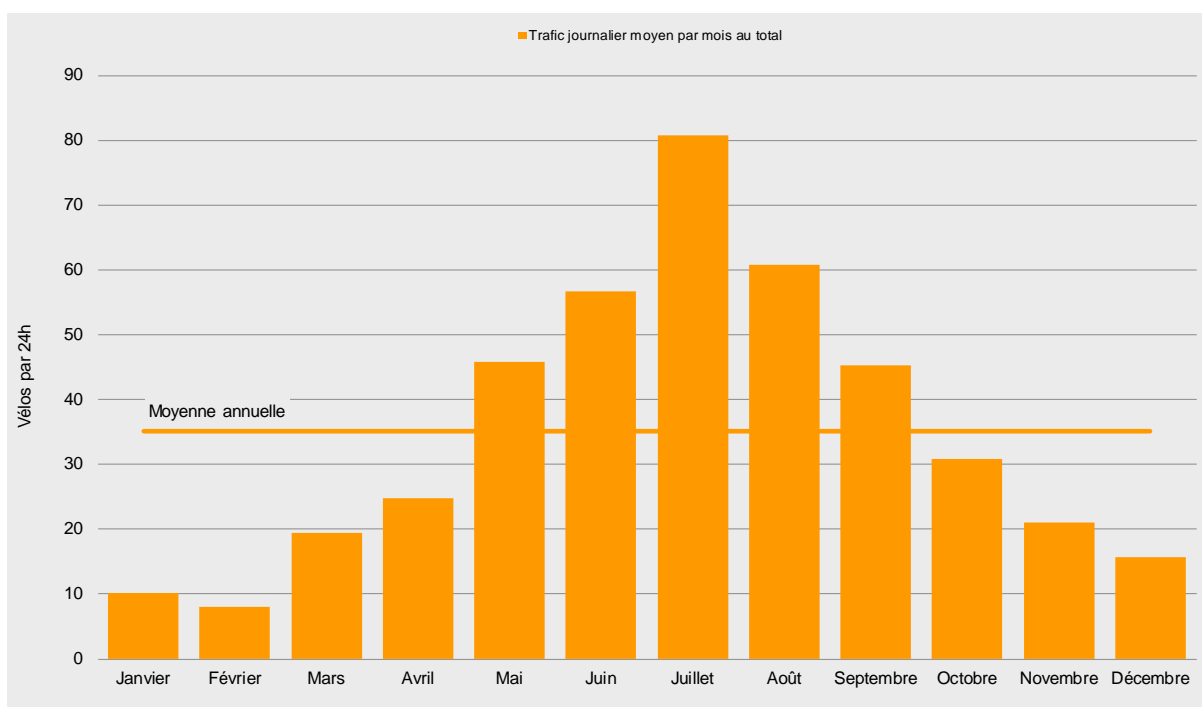
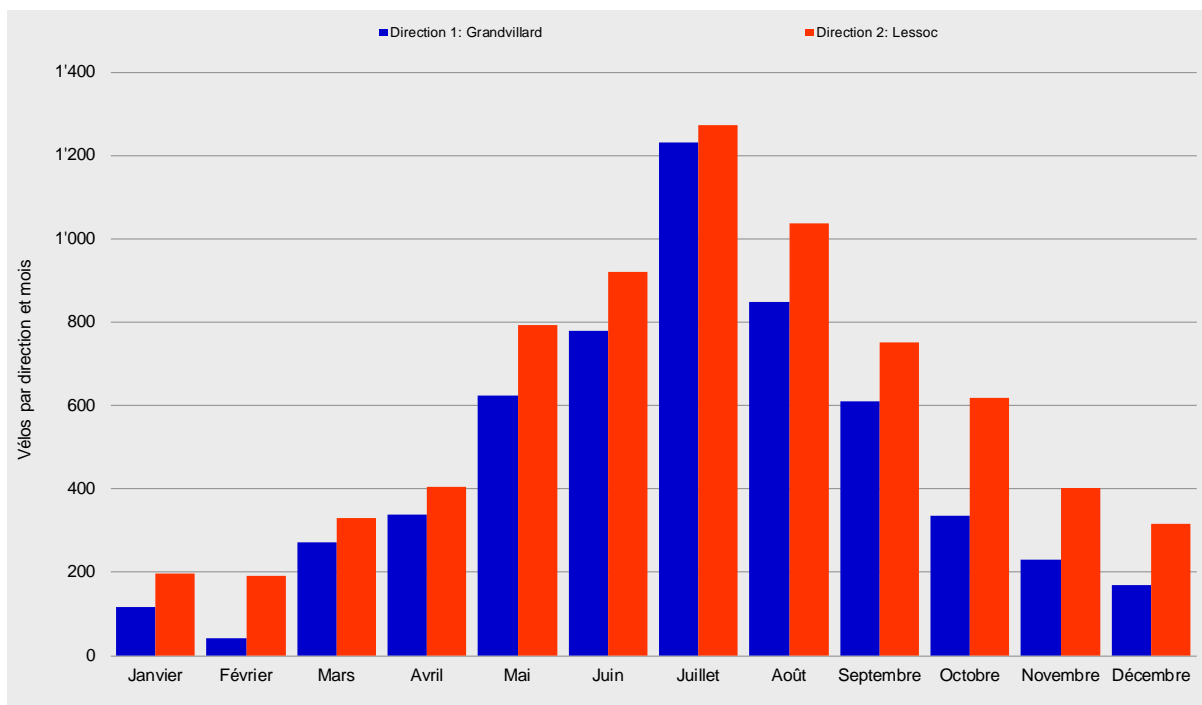


Compteur de Grandvillard, dépouillement pour 2012



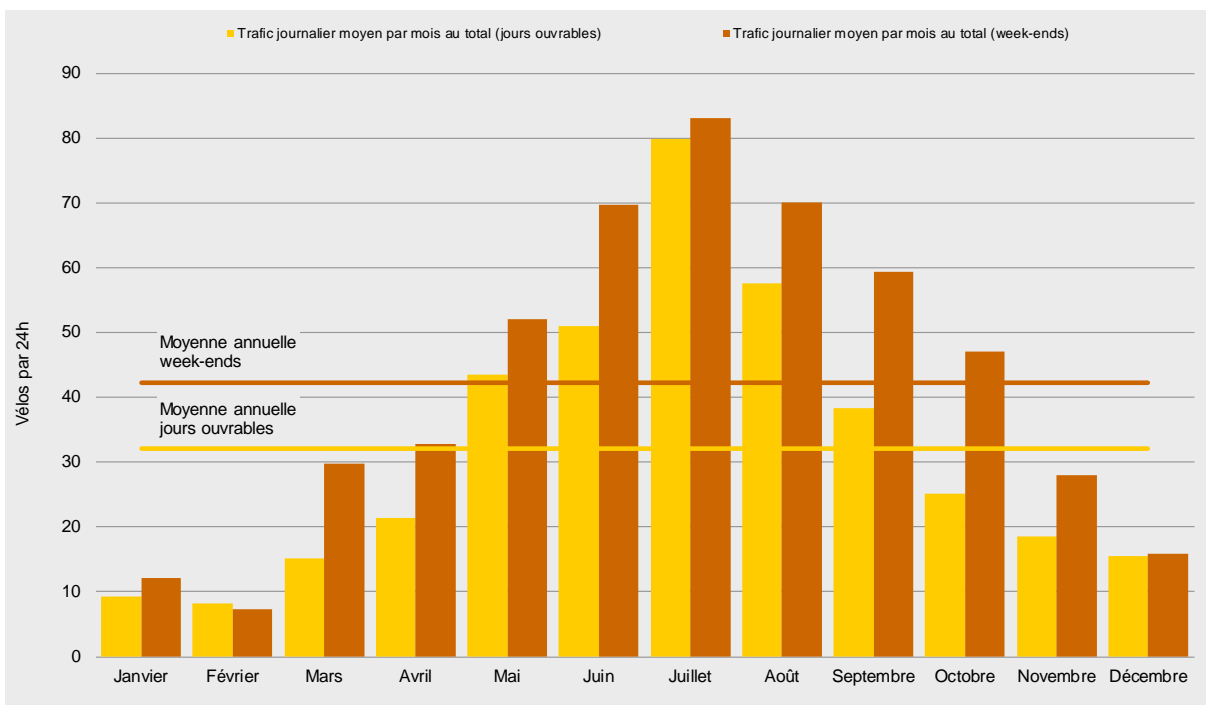
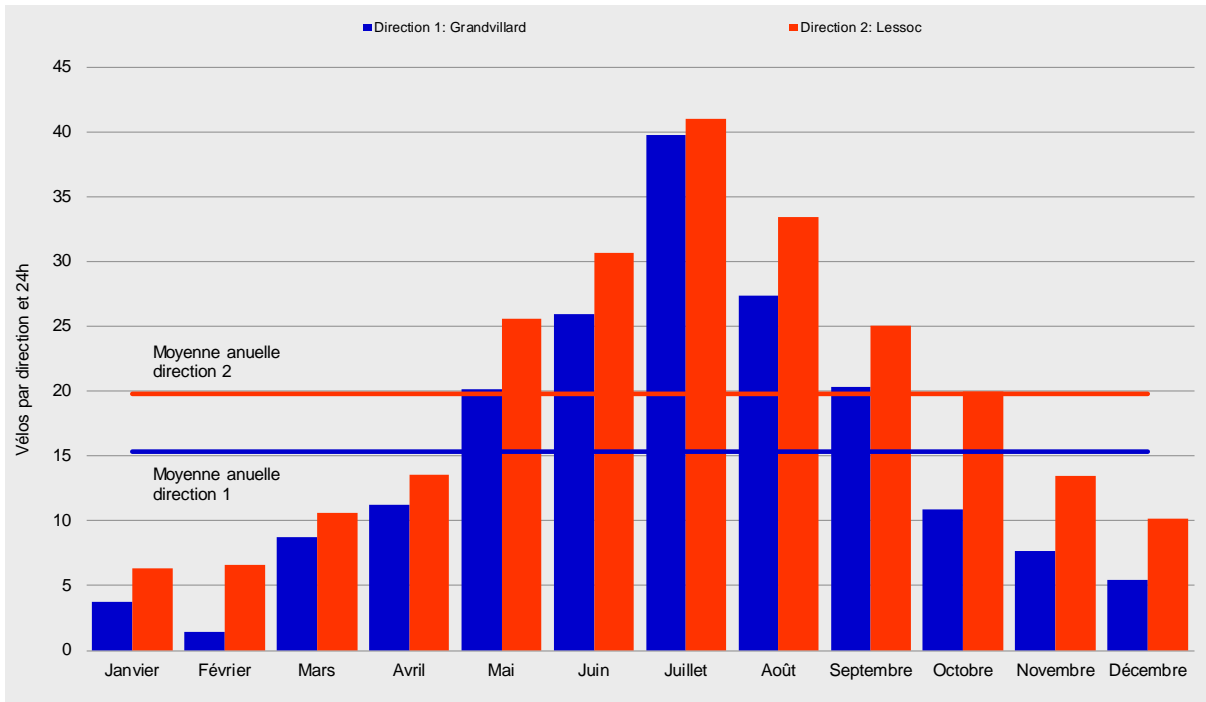


## Trafic journalier moyen en 2012



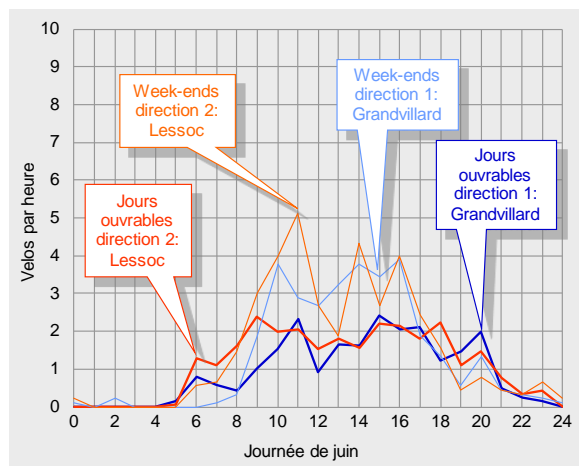
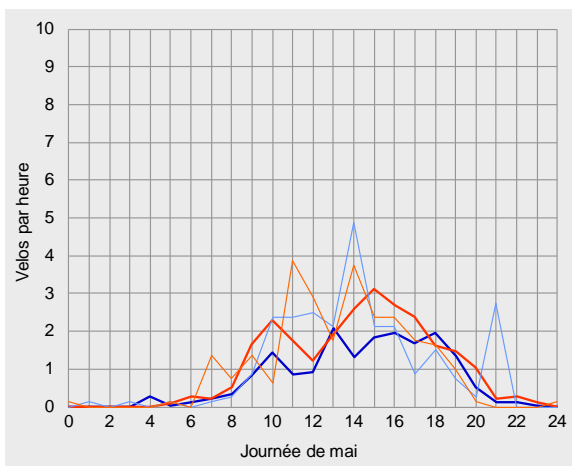
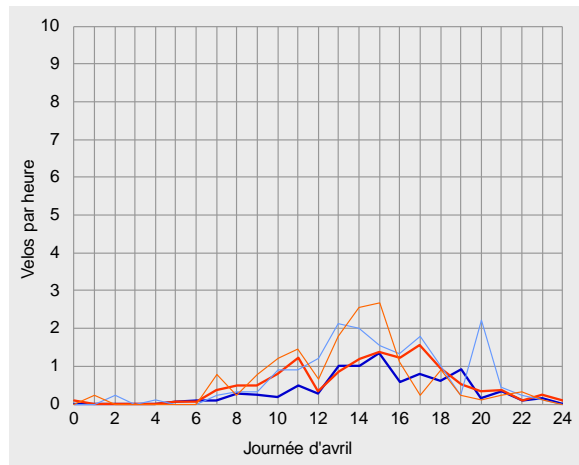
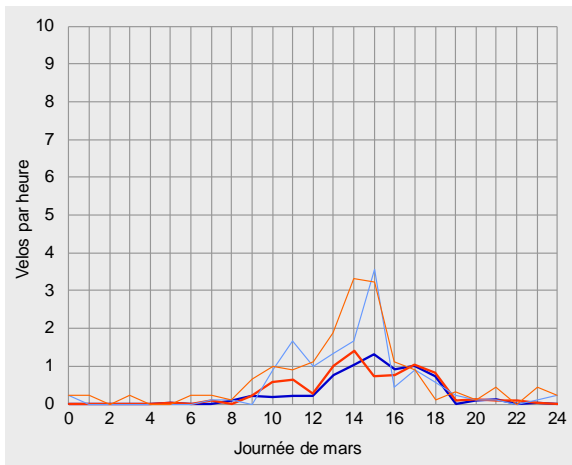
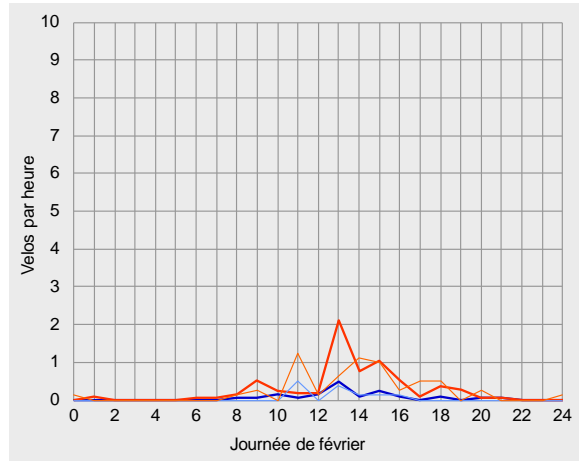
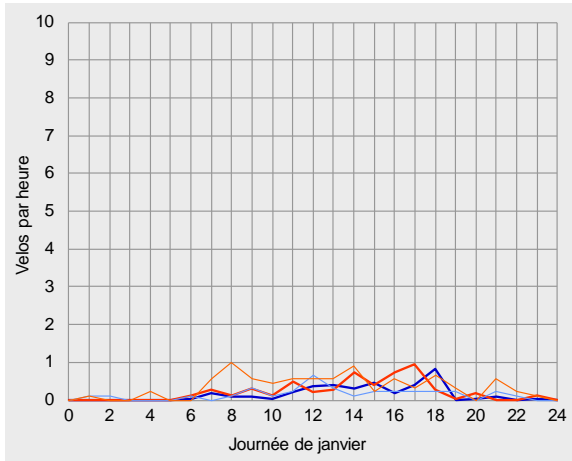


Compteur de Grandvillard, dépouillement pour 2012



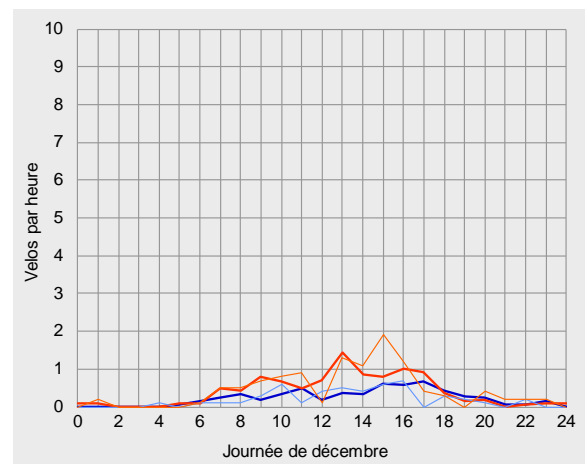
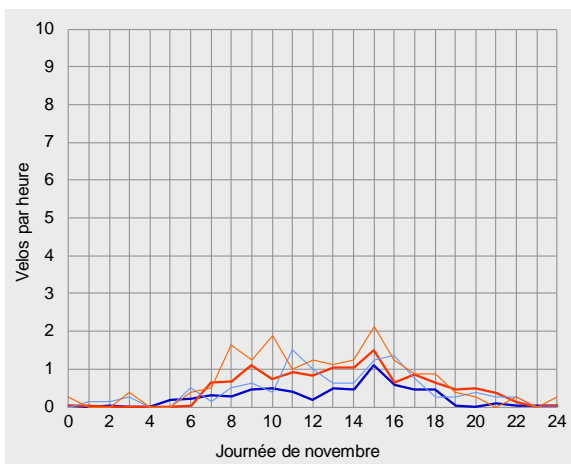
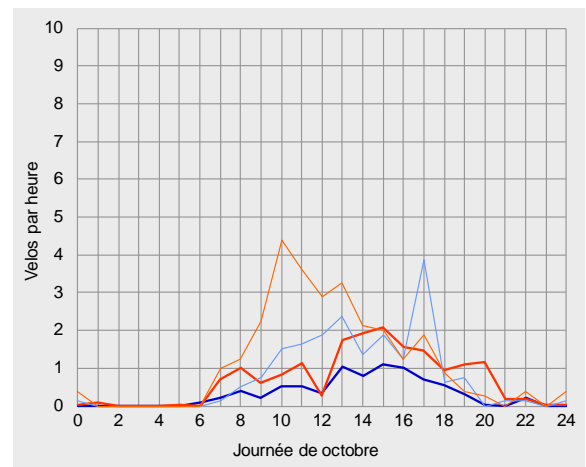
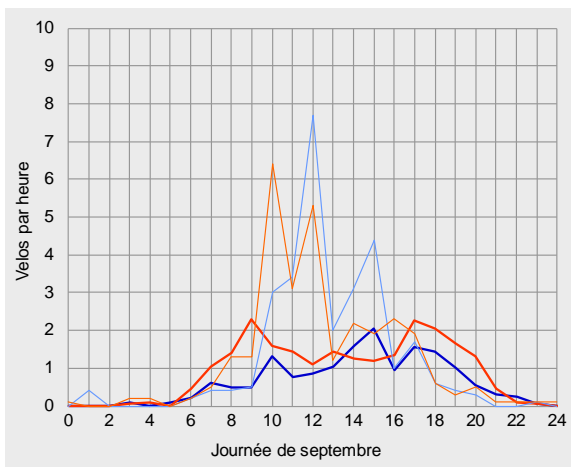
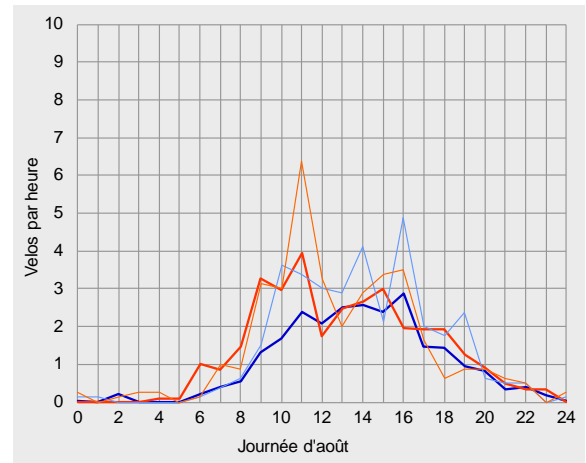
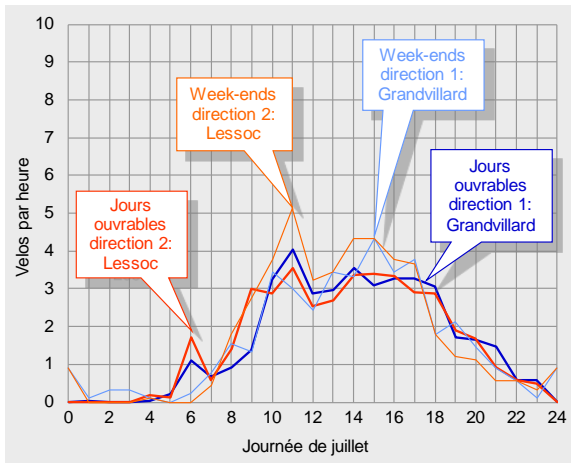


## Courbes de variations journalières en 2012





Compteur de Grandvillard, dépouillement pour 2012





## Vue d'ensemble des résultats pour 2012

		Direction 1: Grandvillard			Direction 2: Lessoc			Total		
Trafic compté		Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011	Vélos par mois	Part de l'année	Diff. avec 2011
Janvier		117	2%	+44%	196	3%	-8%	313	2%	+6%
Février		42	1%	-57%	191	3%	-4%	233	2%	-21%
Mars		272	5%	+36%	329	5%	-1%	601	5%	+13%
Avril		337	6%	-41%	406	6%	-42%	743	6%	-41%
Mai		625	11%	+1%	793	11%	-0%	1'418	11%	+0%
Juin		778	14%	-1%	920	13%	-4%	1'698	13%	-3%
Juillet		1'231	22%	+64%	1'272	18%	+49%	2'503	20%	+56%
Août		849	15%	+11%	1'036	14%	+15%	1'885	15%	+13%
Septembre		610	11%	+8%	750	10%	+18%	1'360	11%	+13%
Octobre		336	6%	+1%	618	9%	+17%	954	7%	+11%
Novembre		230	4%	+102%	403	6%	+83%	633	5%	+90%
Décembre		168	3%	-33%	316	4%	+19%	484	4%	-6%
2012		5'595	100%	+9%	7'230	100%	+10%	12'825	100%	+9%

Trafic journalier moyen		Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011	Vélos par 24h	Par rapport à la moyenne	Diff. avec 2011
Janvier	Jours ouvrables	4	-72%	+67%	5	-71%	-14%	9	-71%	+8%
	Week-ends	4	-81%	+11%	8	-63%	+4%	12	-71%	+6%
	Total	4	-75%	+44%	6	-68%	-8%	10	-71%	+6%
Février	Jours ouvrables	2	-89%	-35%	7	-63%	+21%	8	-74%	+4%
	Week-ends	1	-94%	-80%	6	-73%	-44%	7	-83%	-57%
	Total	1	-91%	-58%	7	-67%	-7%	8	-77%	-24%
Mars	Jours ouvrables	7	-48%	+29%	8	-56%	-12%	15	-53%	+3%
	Week-ends	13	-33%	+41%	17	-27%	+9%	30	-30%	+21%
	Total	9	-43%	+36%	11	-46%	-1%	19	-45%	+13%
Avril	Jours ouvrables	9	-36%	-43%	13	-32%	-33%	21	-34%	-38%
	Week-ends	17	-11%	-38%	16	-32%	-53%	33	-22%	-46%
	Total	11	-27%	-41%	14	-31%	-42%	25	-29%	-41%
Mai	Jours ouvrables	18	+32%	+15%	25	+38%	+17%	44	+35%	+16%
	Week-ends	26	+35%	-13%	26	+13%	-26%	52	+23%	-20%
	Total	20	+32%	+1%	26	+29%	-0%	46	+31%	+0%
Juin	Jours ouvrables	23	+70%	-3%	28	+51%	-6%	51	+59%	-5%
	Week-ends	32	+67%	-2%	37	+63%	-2%	70	+65%	-2%
	Total	26	+70%	-1%	31	+55%	-4%	57	+62%	-3%
Juillet	Jours ouvrables	40	+191%	+85%	40	+117%	+55%	80	+148%	+68%
	Week-ends	40	+105%	+32%	43	+89%	+39%	83	+97%	+35%
	Total	40	+160%	+64%	41	+108%	+49%	81	+130%	+56%
Août	Jours ouvrables	25	+82%	+9%	33	+77%	+19%	58	+79%	+14%
	Week-ends	35	+79%	+16%	36	+55%	+7%	70	+66%	+11%
	Total	27	+79%	+11%	33	+69%	+15%	61	+74%	+13%
Septembre	Jours ouvrables	16	+15%	+4%	23	+22%	+23%	38	+19%	+14%
	Week-ends	30	+53%	+2%	30	+30%	+2%	59	+41%	+2%
	Total	20	+33%	+8%	25	+27%	+18%	45	+29%	+13%
Octobre	Jours ouvrables	8	-41%	+6%	17	-8%	+30%	25	-22%	+21%
	Week-ends	19	-3%	+8%	28	+23%	+11%	47	+11%	+10%
	Total	11	-29%	+1%	20	+1%	+17%	31	-12%	+11%
Novembre	Jours ouvrables	6	-53%	+117%	12	-34%	+94%	19	-42%	+101%
	Week-ends	11	-43%	+82%	17	-26%	+65%	28	-34%	+71%
	Total	8	-50%	+102%	13	-32%	+83%	21	-40%	+90%
Décembre	Jours ouvrables	6	-58%	-39%	10	-47%	+12%	16	-52%	-15%
	Week-ends	5	-75%	+0%	11	-52%	+38%	16	-63%	+24%
	Total	5	-65%	-33%	10	-48%	+19%	16	-55%	-6%
2012	Jours ouvrables	14	0%	+13%	19	0%	+15%	32	0%	+14%
	Week-ends	19	0%	+3%	23	0%	-1%	42	0%	+1%
	Total	15	0%	+9%	20	0%	+9%	35	0%	+9%





Compteur de Grandvillard, dépouillement pour 2012

		Direction 1: Grandvillard					Direction 2: Lessoc					Total				
Parts du total selon les tranches horaires		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Janvier	Jours ouvrables	0%	8%	38%	27%	26%	0%	10%	40%	38%	12%	0%	9%	39%	34%	18%
	Week-ends	6%	6%	48%	18%	21%	4%	18%	42%	13%	22%	5%	15%	44%	15%	22%
	Total	2%	8%	41%	25%	25%	2%	13%	41%	29%	16%	2%	11%	41%	27%	19%
Février	Jours ouvrables	0%	3%	63%	22%	13%	1%	4%	59%	25%	11%	1%	3%	60%	24%	11%
	Week-ends	0%	0%	80%	20%	0%	2%	2%	55%	29%	12%	2%	2%	59%	27%	10%
	Total	0%	2%	67%	21%	10%	2%	3%	58%	26%	12%	1%	3%	60%	25%	11%
Mars	Jours ouvrables	1%	1%	38%	46%	14%	1%	1%	51%	31%	16%	1%	1%	45%	38%	15%
	Week-ends	2%	2%	50%	38%	9%	4%	3%	53%	31%	9%	3%	3%	52%	34%	9%
	Total	1%	1%	43%	42%	12%	2%	2%	52%	31%	12%	2%	2%	48%	36%	12%
Avril	Jours ouvrables	1%	5%	37%	31%	26%	1%	7%	39%	33%	20%	1%	6%	38%	32%	22%
	Week-ends	2%	3%	43%	27%	25%	1%	6%	54%	26%	12%	2%	5%	48%	26%	19%
	Total	1%	4%	40%	29%	25%	1%	7%	44%	31%	17%	1%	6%	42%	30%	21%
Mai	Jours ouvrables	2%	4%	41%	30%	23%	0%	4%	45%	32%	19%	1%	4%	43%	31%	20%
	Week-ends	1%	1%	58%	20%	20%	1%	8%	55%	25%	11%	1%	5%	56%	22%	15%
	Total	2%	3%	47%	27%	22%	1%	5%	48%	30%	17%	1%	4%	47%	29%	19%
Juin	Jours ouvrables	1%	8%	39%	28%	24%	0%	14%	41%	22%	23%	0%	11%	40%	25%	23%
	Week-ends	1%	1%	56%	28%	13%	1%	7%	56%	24%	11%	1%	4%	56%	26%	12%
	Total	1%	5%	46%	28%	20%	0%	12%	46%	23%	19%	1%	9%	46%	25%	19%
Juillet	Jours ouvrables	1%	7%	45%	24%	23%	1%	9%	45%	24%	21%	1%	8%	45%	24%	22%
	Week-ends	4%	6%	43%	29%	17%	2%	5%	52%	27%	13%	3%	6%	48%	28%	15%
	Total	2%	7%	45%	26%	21%	1%	8%	47%	25%	19%	2%	7%	46%	25%	20%
Août	Jours ouvrables	1%	5%	51%	27%	17%	1%	10%	52%	21%	16%	1%	8%	51%	24%	16%
	Week-ends	1%	3%	53%	26%	17%	2%	6%	58%	24%	10%	2%	4%	56%	25%	13%
	Total	1%	4%	51%	27%	17%	1%	9%	54%	22%	14%	1%	7%	53%	24%	15%
Septembre	Jours ouvrables	1%	8%	39%	29%	23%	1%	13%	40%	21%	25%	1%	11%	40%	24%	24%
	Week-ends	1%	3%	67%	24%	5%	2%	7%	65%	20%	6%	2%	5%	66%	22%	5%
	Total	1%	6%	52%	27%	14%	1%	10%	50%	21%	17%	1%	8%	51%	23%	16%
Octobre	Jours ouvrables	0%	9%	43%	35%	14%	1%	10%	38%	30%	21%	1%	10%	39%	31%	19%
	Week-ends	1%	3%	50%	37%	9%	1%	8%	66%	18%	7%	1%	6%	60%	26%	7%
	Total	0%	6%	46%	36%	12%	1%	9%	48%	26%	16%	1%	8%	47%	29%	14%
Novembre	Jours ouvrables	4%	13%	39%	33%	11%	1%	11%	46%	25%	17%	2%	12%	44%	28%	15%
	Week-ends	4%	10%	43%	30%	12%	4%	15%	46%	25%	10%	4%	13%	45%	27%	11%
	Total	4%	12%	40%	32%	11%	2%	12%	46%	25%	15%	3%	12%	44%	27%	14%
Décembre	Jours ouvrables	1%	13%	33%	33%	21%	3%	10%	50%	28%	9%	2%	11%	44%	29%	13%
	Week-ends	2%	6%	48%	27%	17%	2%	10%	45%	32%	12%	2%	9%	46%	30%	13%
	Total	1%	11%	38%	31%	20%	3%	10%	48%	29%	10%	2%	10%	45%	30%	13%
2012	Jours ouvrables	1%	7%	43%	29%	21%	1%	9%	45%	26%	19%	1%	8%	44%	27%	20%
	Week-ends	2%	4%	53%	28%	14%	2%	7%	56%	24%	10%	2%	6%	54%	26%	12%
	Total	1%	6%	46%	28%	18%	1%	9%	49%	25%	16%	1%	7%	48%	27%	17%
Heures de pointe de l'année		Vélos par heure		Quand		Vélos par heure		Quand		Vélos par heure		Quand				
Jours ouvrables		1		15-16 h		2		15-16 h		3		15-16 h				
Week-ends		2		15-16 h		3		11-12 h		5		14-15 h				
Tous les jours de 2012		2		15-16 h		2		15-16 h		4		15-16 h				





## Unità di conteggio biciclette di Giubiasco TI (28)

### Analisi dei dati 2012

Nella sezione di misura di Giubiasco si registra durante la settimana un prevalente traffico pendolare, mentre nel fine settimana la sezione è utilizzata soprattutto da ciclisti di giornata e di lunga percorrenza. In totale, nel 2012 si sono registrati 41'000 ciclisti. L'alta stagione ha riguardato i mesi da luglio a settembre. La direzione di viaggio 1 verso Airolo è un po' più trafficata della direzione opposta. Nel 2012, la media del traffico ciclistico giornaliero nella sezione di misura di Giubiasco è stata di 157 biciclette, mentre il maggior carico in un giorno medio lo si è osservato nelle prime ore del pomeriggio.

### Posizione

L'unità di conteggio di Giubiasco è situata nel Canton Ticino, sul percorso 3 Nord-Sud della rete ciclabile nazionale.

L'unità di conteggio è situata sul prolungamento della strada sopraelevata Al Piano che si snoda parallelamente al corso del Ticino, sul tratto tra Bellinzona e Locarno nella periferia occidentale di Giubiasco.

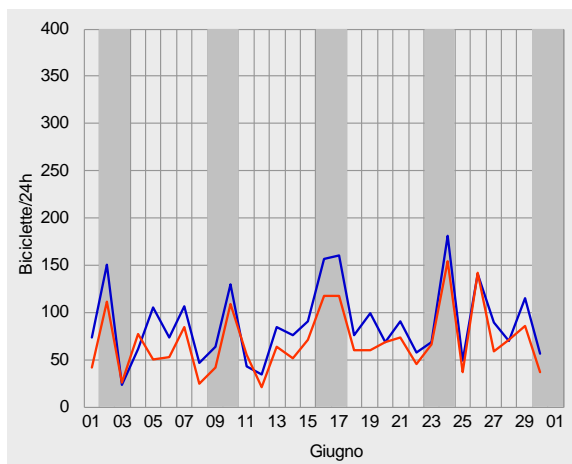
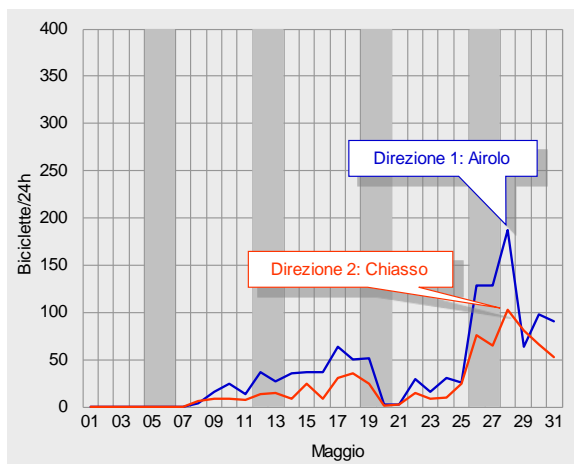
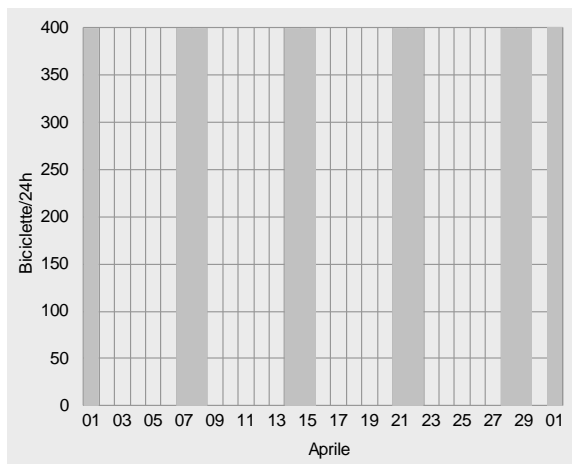
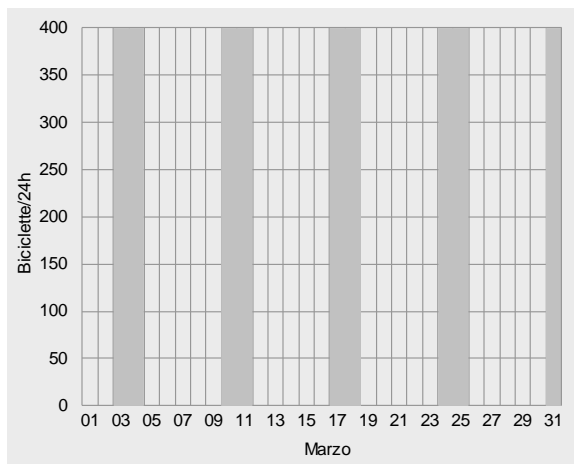
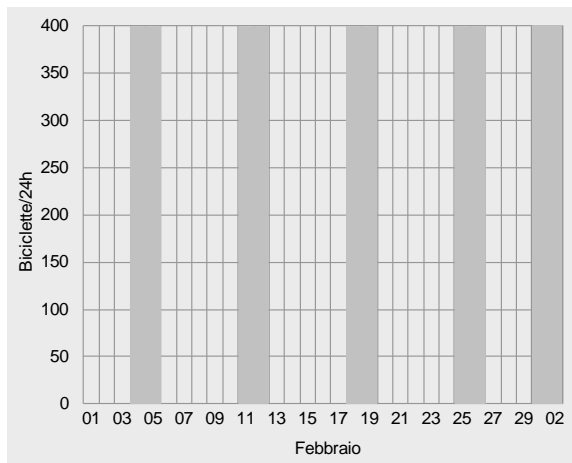
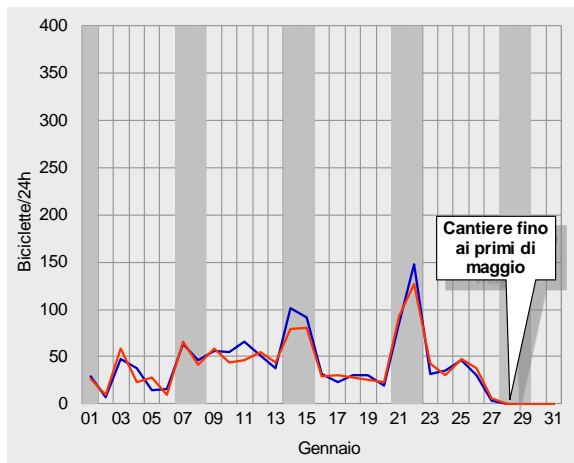
Dall'analisi dell'anno 2012 il carico massimo risulta collocarsi tra le ore 14 e 15, con un transito medio nella sezione di misura pari a 17 biciclette.

Da fine gennaio ai primi di maggio sul punto di conteggio c'era un cantiere e il tratto non era percorribile in bicicletta. Tra metà ottobre e inizio novembre un'interruzione di corrente ha impedito il conteggio di biciclette.

Il percorso conduce all'altezza dell'unità di conteggio tramite una propria pista ciclabile non accessibile al traffico motorizzato. In corrispondenza dell'unità di conteggio la sezione ha una larghezza di ca. 4 m. Nella sezione di misura il tratto è pianeggiante e la superficie è asfaltata, offrendo quindi le condizioni ideali per l'uso della bicicletta. Tuttavia, proseguendo in direzione Giubiasco alcune tratte del percorso conducono su un sentiero naturale non consolidato.

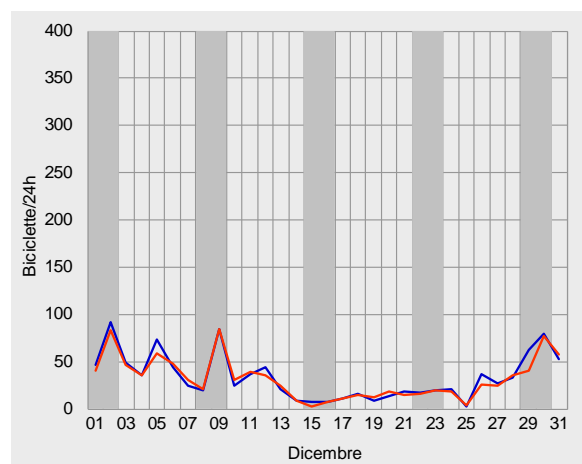
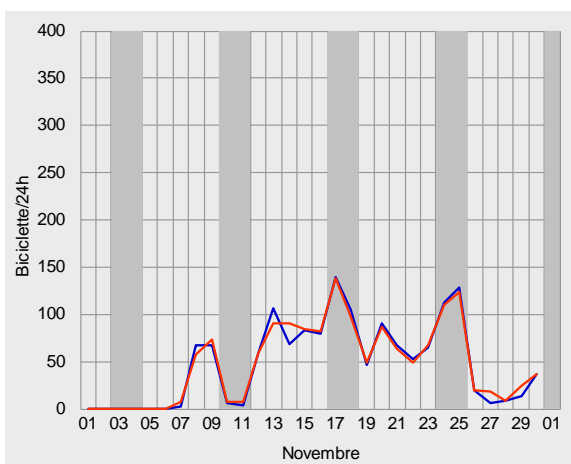
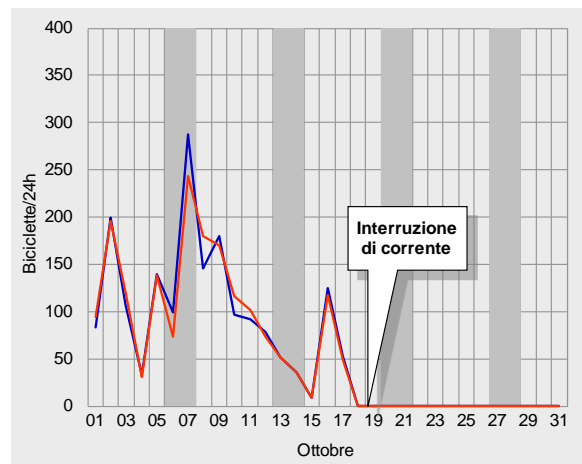
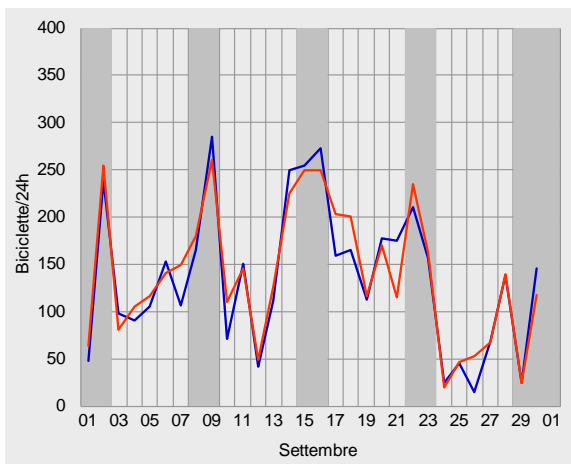
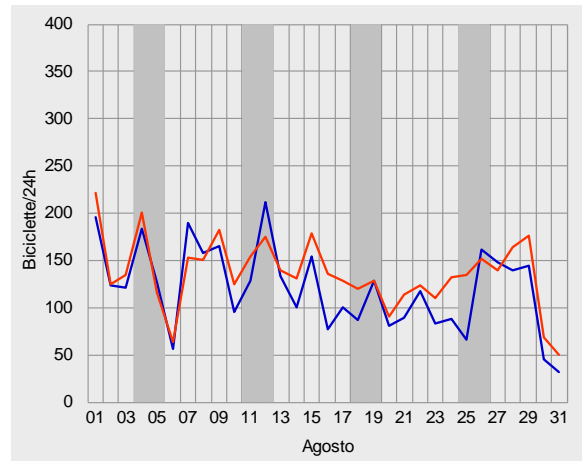
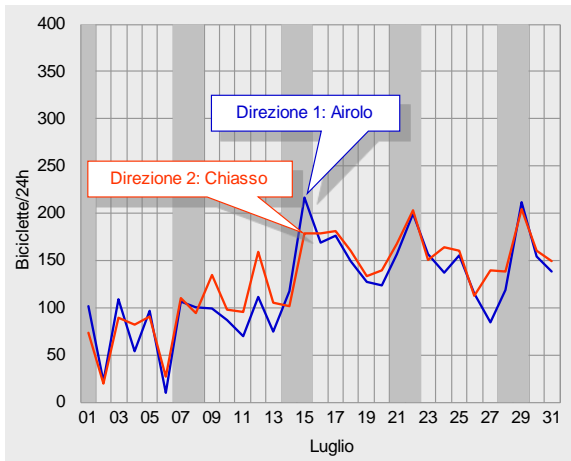


## Traffico ciclisti nel 2012



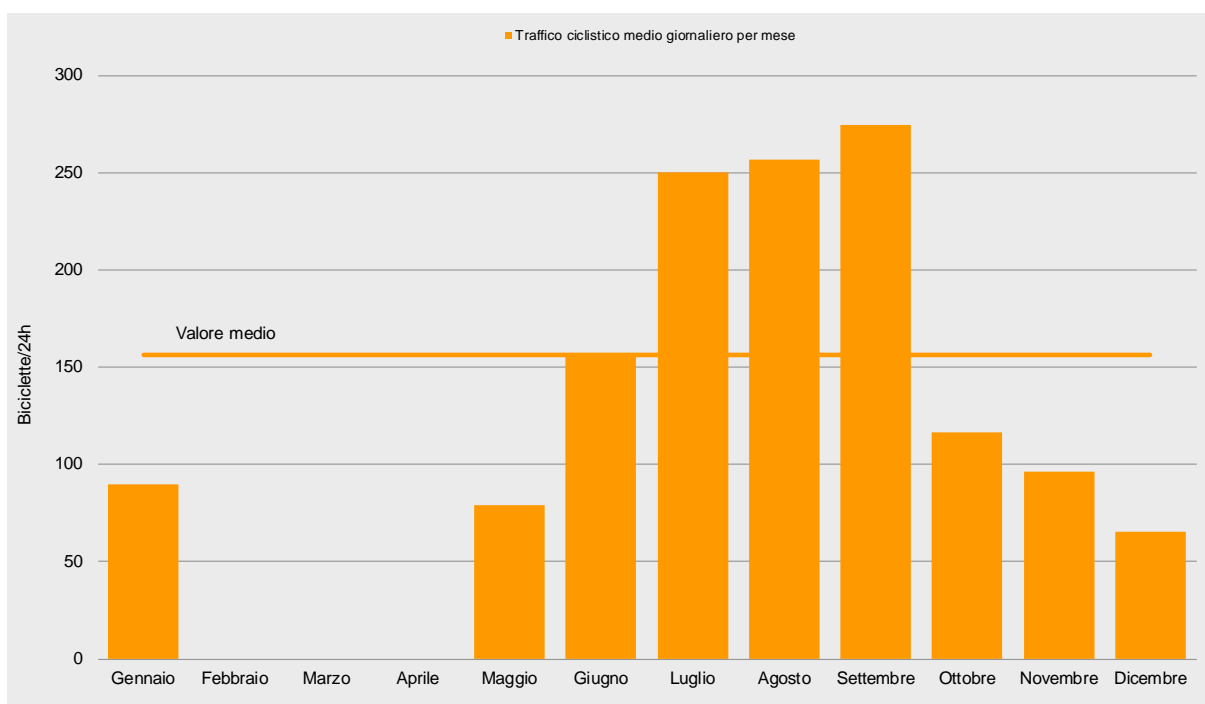
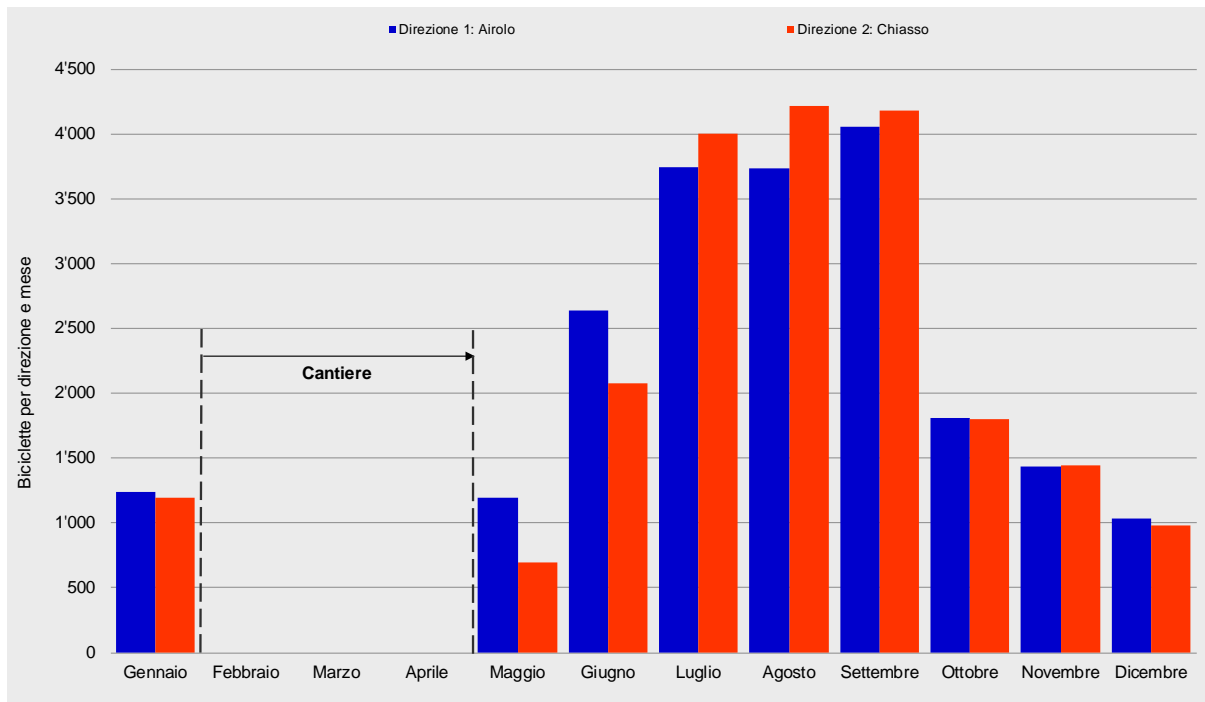


Unità di conteggio biciclette di Giubiasco, analisi dei dati 2012



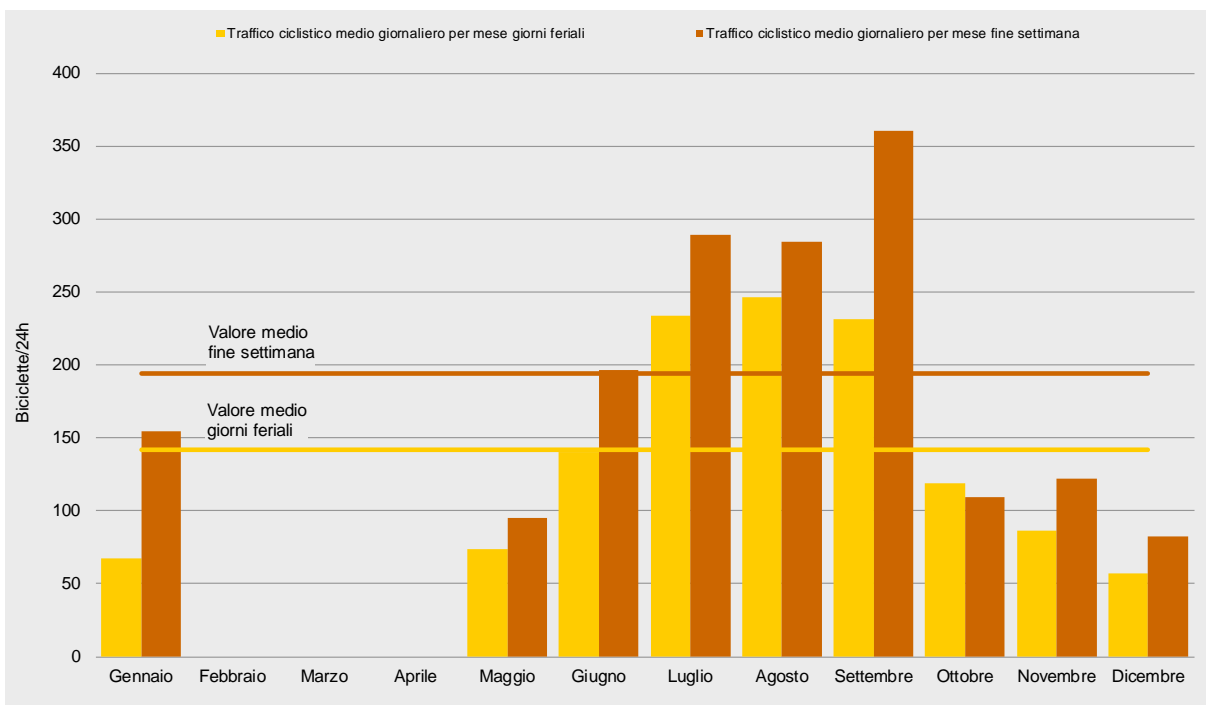
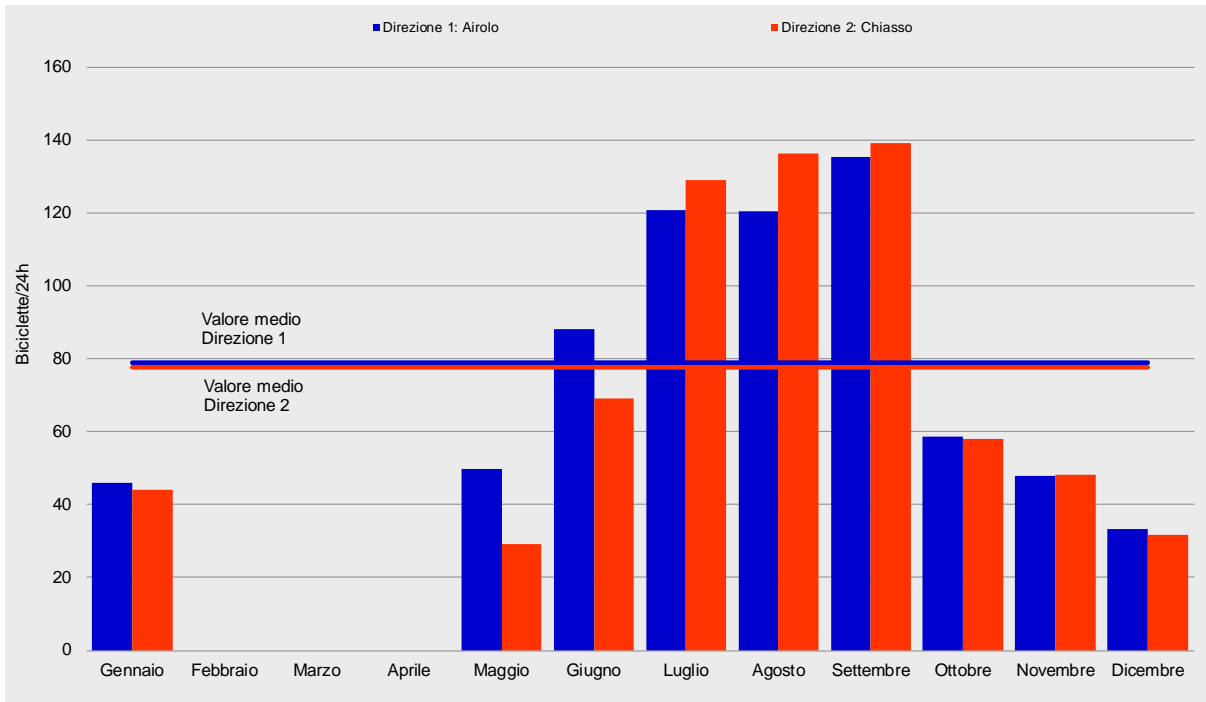


## Traffico ciclistico medio giornaliero nel 2012



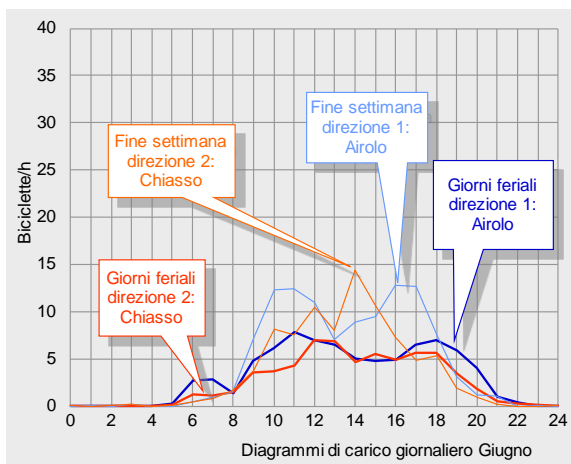
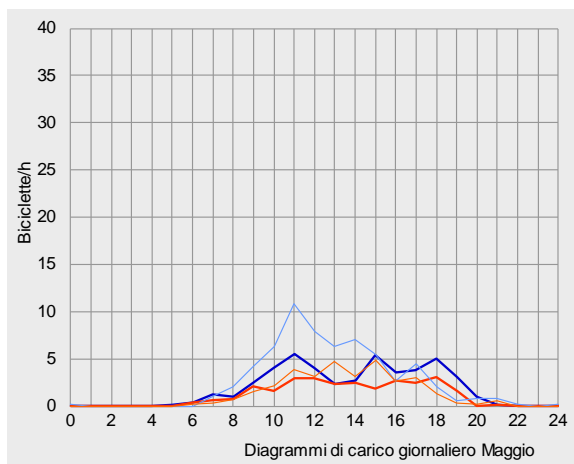
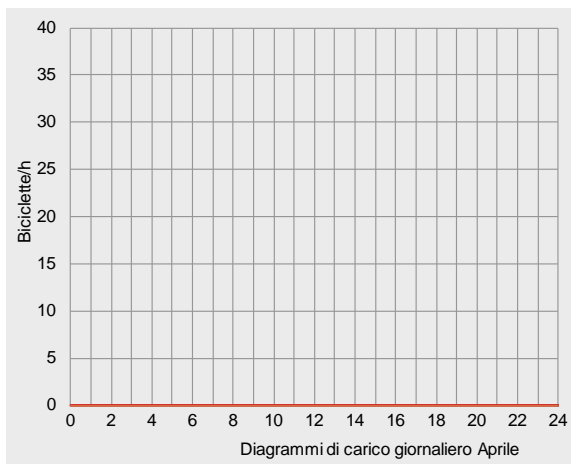
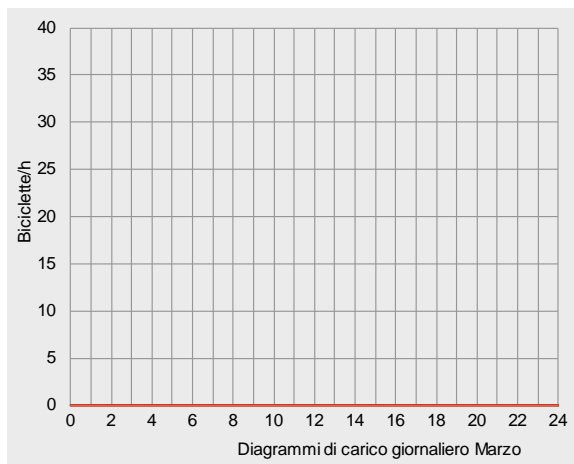
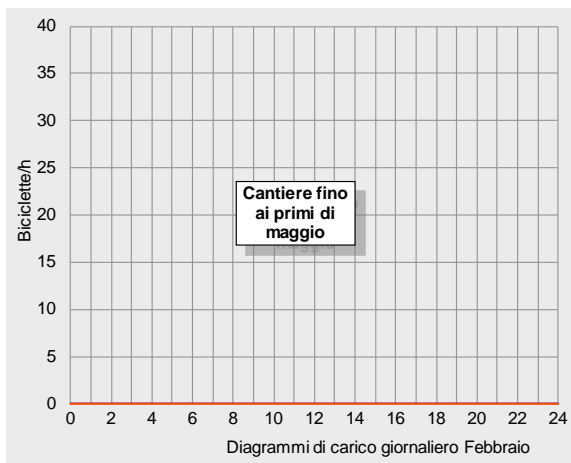
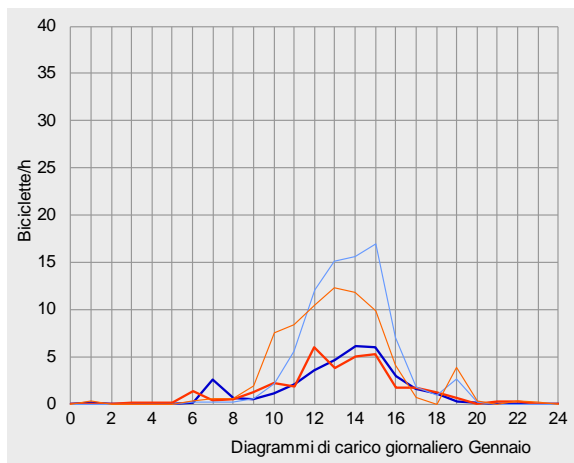


Unità di conteggio biciclette di Giubiasco, analisi dei dati 2012





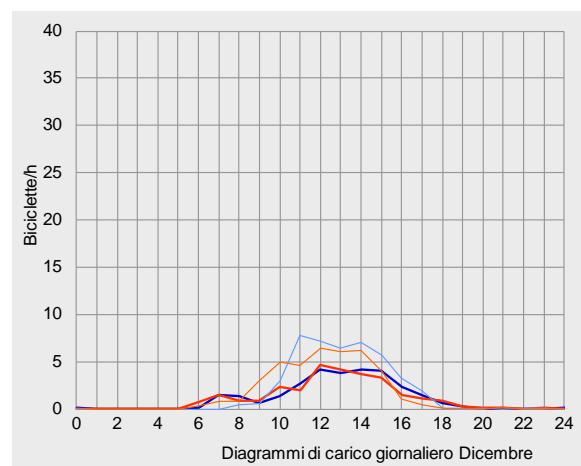
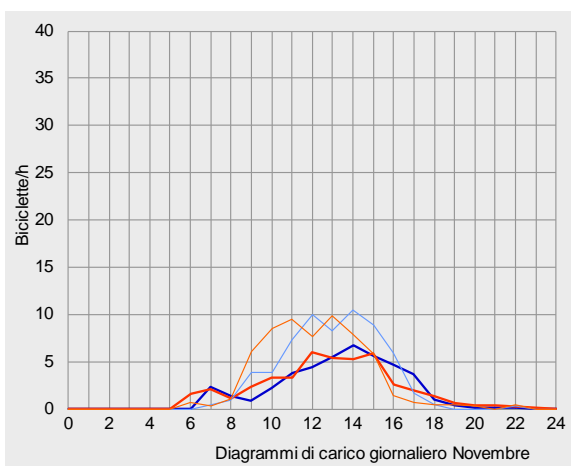
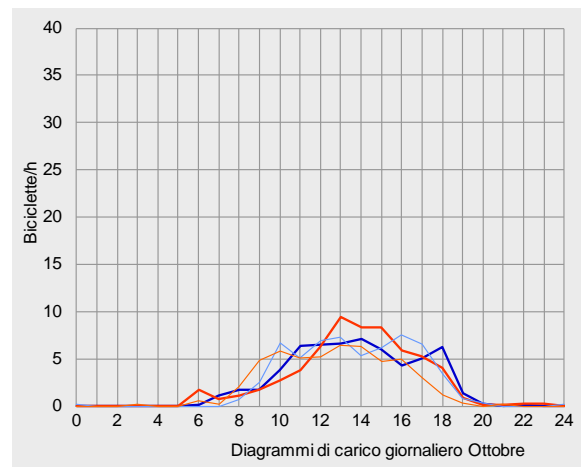
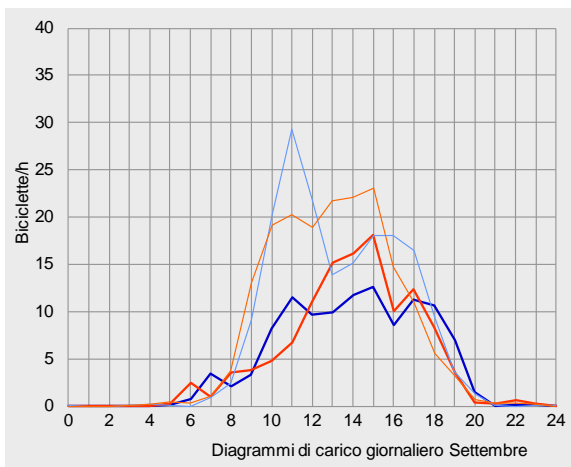
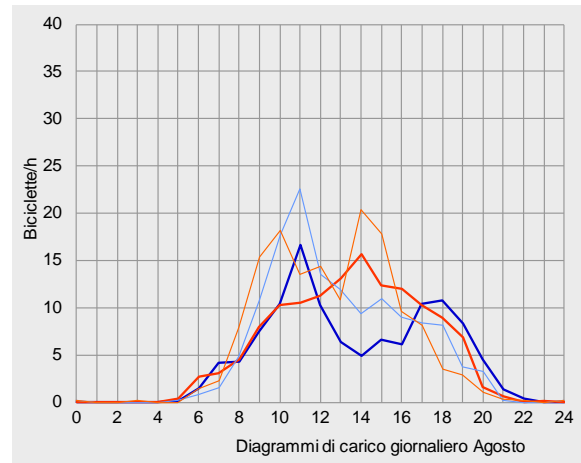
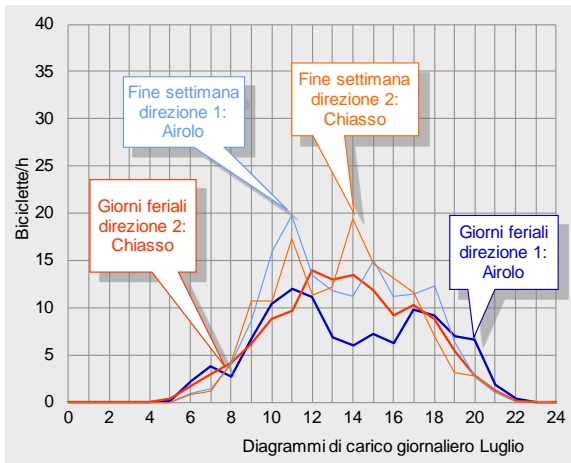
## Diagrammi di carico giornaliero 2012







Unità di conteggio biciclette di Giubiasco, analisi dei dati 2012





## Scheda tecnica dell'unità automatica di conteggio biciclette di Giubiasco del 2012

		Direzione 1: Airolo			Direzione 2: Chiasso			Totale		
Valori numerici		Biciclette al mese	% del volume annuo	Variazione sul 2011	Biciclette al mese	% del volume annuo	Variazione sul 2011	Biciclette al mese	% del volume annuo	Variazione sul 2011
Gennaio		1'239	6%	+39%	1'190	6%	+61%	2'429	6%	+49%
Febbraio		0	0%	-100%	0	0%	-100%	0	0%	-100%
Marzo		0	0%	-100%	0	0%	-100%	0	0%	-100%
Aprile		0	0%	-100%	0	0%	-100%	0	0%	-100%
Maggio		1'197	6%	-78%	697	3%	-85%	1'894	5%	-82%
Giugno		2'638	13%	-47%	2'074	10%	-59%	4'712	11%	-53%
Luglio		3'747	18%	-37%	4'000	19%	-32%	7'747	19%	-34%
Agosto		3'730	18%	-36%	4'219	20%	-27%	7'949	19%	-32%
Settembre		4'055	19%	-22%	4'176	20%	-14%	8'231	20%	-18%
Ottobre		1'813	9%	-53%	1'800	9%	-52%	3'613	9%	-52%
Novembre		1'436	7%	-17%	1'448	7%	-10%	2'884	7%	-14%
Dicembre		1'036	5%	-16%	983	5%	-12%	2'019	5%	-14%
2012		20'891	100%	-53%	20'587	100%	-51%	41'478	100%	-52%
Traffico ciclistico medio giornaliero		Biciclette/24h	Scostamento dalla media	Variazione sul 2011	Biciclette/24h	Scostamento dalla media	Variazione sul 2011	Biciclette/24h	Scostamento dalla media	Variazione sul 2011
Gennaio	giorni feriali	34	-52%	+53%	34	-53%	+75%	68	-52%	+63%
	fine settimana	81	-20%	+87%	73	-22%	+121%	154	-21%	+102%
	totale	46	-42%	+59%	44	-43%	+85%	90	-43%	+71%
Febbraio	giorni feriali	0	-100%	-100%	0	-100%	-100%	-	-	-
	fine settimana	0	-100%	-100%	0	-100%	-100%	-	-	-
	totale	0	-100%	-100%	0	-100%	-100%	-	-	-
Marzo	giorni feriali	0	-100%	-100%	0	-100%	-100%	-	-	-
	fine settimana	0	-100%	-100%	0	-100%	-100%	-	-	-
	totale	0	-100%	-100%	0	-100%	-100%	-	-	-
Aprile	giorni feriali	0	-100%	-100%	0	-100%	-100%	-	-	-
	fine settimana	0	-100%	-100%	0	-100%	-100%	-	-	-
	totale	0	-100%	-100%	0	-100%	-100%	-	-	-
Maggio	giorni feriali	46	-35%	-69%	28	-61%	-78%	74	-48%	-73%
	fine settimana	63	-38%	-75%	33	-65%	-86%	95	-51%	-80%
	totale	50	-37%	-72%	29	-63%	-81%	79	-50%	-76%
Giugno	giorni feriali	79	+12%	-49%	62	-14%	-61%	140	-1%	-55%
	fine settimana	110	+9%	-45%	87	-7%	-59%	196	+1%	-52%
	totale	88	+12%	-47%	69	-11%	-59%	157	+0%	-53%
Luglio	giorni feriali	110	+57%	-37%	124	+74%	-30%	234	+65%	-33%
	fine settimana	148	+46%	-35%	141	+51%	-35%	289	+49%	-35%
	totale	121	+53%	-37%	129	+66%	-32%	250	+60%	-34%
Agosto	giorni feriali	115	+63%	-40%	132	+85%	-30%	247	+74%	-35%
	fine settimana	137	+36%	-24%	148	+58%	-18%	285	+46%	-21%
	totale	120	+53%	-36%	136	+75%	-27%	256	+64%	-32%
Settembre	giorni feriali	113	+61%	-31%	119	+66%	-23%	232	+64%	-27%
	fine settimana	180	+79%	-9%	180	+92%	+0%	360	+85%	-4%
	totale	135	+71%	-22%	139	+79%	-14%	274	+75%	-18%
Ottobre	giorni feriali	58	-17%	-43%	61	-15%	-42%	119	-16%	-43%
	fine settimana	59	-41%	-65%	51	-46%	-67%	110	-44%	-66%
	totale	58	-26%	-53%	58	-25%	-52%	117	-26%	-52%
Novembre	giorni feriali	43	-39%	-12%	44	-39%	-4%	87	-39%	-8%
	fine settimana	62	-38%	-25%	60	-36%	-21%	122	-37%	-23%
	totale	48	-39%	-17%	48	-38%	-10%	96	-39%	-14%
Dicembre	giorni feriali	29	-59%	-17%	28	-61%	-13%	57	-60%	-15%
	fine settimana	44	-57%	-17%	39	-58%	-13%	83	-57%	-15%
	totale	33	-58%	-16%	32	-59%	-12%	65	-58%	-14%
2012	giorni feriali	70	0%	-36%	71	0%	-31%	142	0%	-33%
	fine settimana	101	0%	-36%	94	0%	-34%	194	0%	-35%
	totale	79	0%	-36%	78	0%	-32%	157	0%	-34%



Unità di conteggio biciclette di Giubiasco, analisi dei dati 2012

		Direzione 1: Airolo					Direzione 2: Chiasso					Totale				
Quota delle fasce orarie sul traffico giornaliero		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Gennaio	giorni feriali	1%	10%	53%	32%	4%	1%	6%	60%	26%	7%	1%	8%	57%	29%	6%
	fine settimana	0%	1%	63%	32%	4%	0%	2%	71%	20%	6%	0%	1%	67%	26%	5%
	totale	0%	6%	58%	32%	4%	1%	4%	65%	23%	7%	1%	5%	61%	28%	6%
Febbraio	giorni feriali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	fine settimana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	totale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marzo	giorni feriali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	fine settimana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	totale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aprile	giorni feriali	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	fine settimana	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	totale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maggio	giorni feriali	0%	6%	46%	28%	20%	0%	6%	51%	25%	17%	0%	6%	48%	27%	19%
	fine settimana	0%	5%	68%	20%	7%	0%	4%	57%	32%	7%	0%	4%	64%	24%	7%
	totale	0%	5%	53%	25%	16%	0%	5%	53%	27%	14%	0%	5%	53%	26%	15%
Giugno	giorni feriali	0%	9%	47%	20%	23%	0%	6%	49%	26%	19%	0%	8%	48%	23%	21%
	fine settimana	0%	3%	53%	32%	12%	1%	3%	60%	26%	10%	0%	3%	56%	29%	11%
	totale	0%	6%	50%	25%	19%	0%	5%	53%	26%	15%	0%	6%	51%	25%	17%
Luglio	giorni feriali	0%	8%	48%	21%	23%	0%	7%	52%	25%	15%	0%	7%	50%	23%	19%
	fine settimana	0%	4%	55%	26%	15%	0%	4%	58%	28%	10%	0%	4%	56%	27%	13%
	totale	0%	7%	50%	23%	20%	0%	6%	54%	26%	13%	0%	6%	52%	24%	17%
Agosto	giorni feriali	0%	9%	49%	20%	22%	0%	8%	52%	26%	14%	0%	8%	51%	23%	18%
	fine settimana	0%	5%	63%	21%	11%	0%	8%	63%	24%	5%	0%	7%	63%	22%	8%
	totale	0%	8%	53%	20%	19%	0%	8%	55%	26%	11%	0%	8%	54%	23%	15%
Settembre	giorni feriali	0%	6%	48%	29%	17%	0%	6%	49%	34%	11%	0%	6%	48%	32%	14%
	fine settimana	0%	2%	61%	29%	8%	0%	3%	64%	27%	6%	0%	2%	62%	28%	7%
	totale	0%	4%	54%	29%	13%	0%	5%	55%	31%	9%	0%	4%	54%	30%	11%
Ottobre	giorni feriali	0%	5%	55%	26%	14%	0%	6%	53%	32%	9%	0%	5%	54%	29%	11%
	fine settimana	0%	1%	57%	34%	7%	0%	5%	66%	25%	3%	0%	3%	61%	30%	5%
	totale	0%	4%	55%	28%	12%	0%	6%	56%	30%	8%	0%	5%	56%	29%	10%
Novembre	giorni feriali	0%	9%	55%	33%	4%	0%	11%	58%	24%	7%	0%	10%	57%	28%	5%
	fine settimana	0%	2%	71%	26%	1%	0%	3%	82%	13%	2%	0%	3%	76%	20%	2%
	totale	0%	6%	60%	30%	3%	0%	8%	66%	20%	5%	0%	7%	63%	25%	4%
Dicembre	giorni feriali	0%	10%	58%	28%	4%	0%	11%	63%	21%	5%	0%	11%	60%	24%	4%
	fine settimana	0%	1%	73%	25%	1%	0%	5%	80%	14%	1%	0%	3%	76%	20%	1%
	totale	0%	6%	64%	27%	2%	0%	9%	70%	18%	4%	0%	7%	67%	23%	3%
2012	giorni feriali	0%	8%	50%	25%	18%	0%	7%	52%	27%	13%	0%	7%	51%	26%	15%
	fine settimana	0%	3%	61%	27%	9%	0%	4%	65%	24%	6%	0%	3%	63%	26%	8%
	totale	0%	6%	54%	26%	14%	0%	6%	57%	26%	10%	0%	6%	55%	26%	12%
Ora di punta dell'anno	Biciclette/h		Periodo		Biciclette/h		Periodo		Biciclette/h		Periodo					
giorni feriali	8		11-12 h		8		14-15 h		15		15-16 h					
fine settimana	14		11-12 h		13		14-15 h		24		11-12 h					
tutti i giorni del 2012	9		11-12 h		10		14-15 h		17		14-15 h					

Data la mancanza di dati per lunghi periodi, il confronto con i valori dell'anno precedente è possibile solo in misura limitata.



Unità di conteggio biciclette di Giubiasco, analisi dei dati 2012



## Velo-Zählanlage Giswil OW (29)

### Auswertung 2012

Am Messquerschnitt in Giswil ist sowohl Freizeit- als auch Pendlerverkehr unterwegs. Insgesamt wurden im Jahr 2012 über 48'000 Velofahrende erfasst. Das ist etwas mehr im Vergleich zu dem im Vorjahr gemessenen Aufkommen. Hauptsaison war der Zeitraum von Mai bis September wobei das Aufkommen in Richtung Giswil überwog. Das durchschnittliche tägliche Veloverkehrsaufkommen betrug 133 Velos.

Die Hauptlast an einem durchschnittlichen Tag war während der frühen Nachmittagsstunden zu verzeichnen. Über das gesamte Jahr 2012 hinweg betrachtet wurde die höchste Belastung zwischen 14 und 15 Uhr verzeichnet, hier passierten im Durchschnitt 16 Velos den Messquerschnitt.

Die Velo-Zählanlage Giswil hat 2012 kontinuierlich Daten erfasst und gespeichert. Es wurden keine Datenausfälle registriert.

### Standort

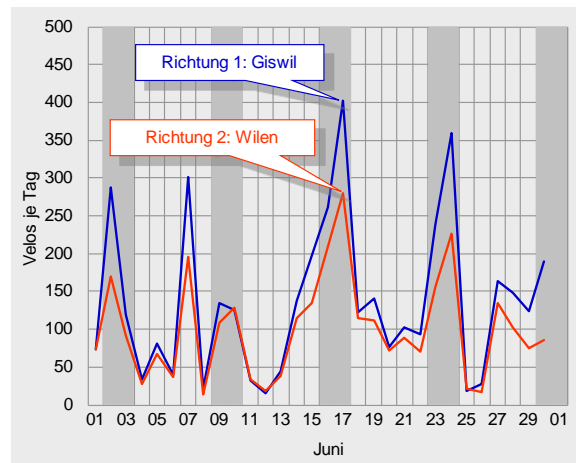
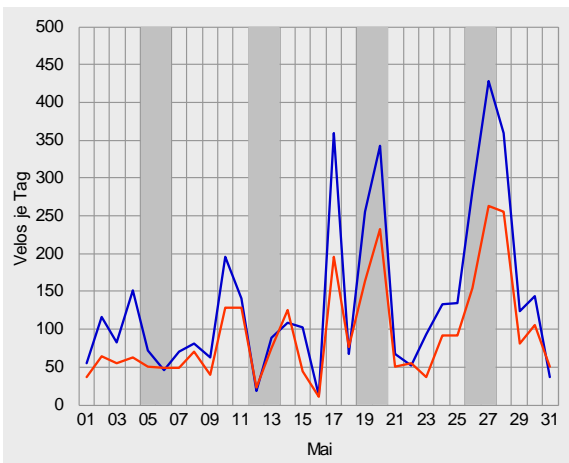
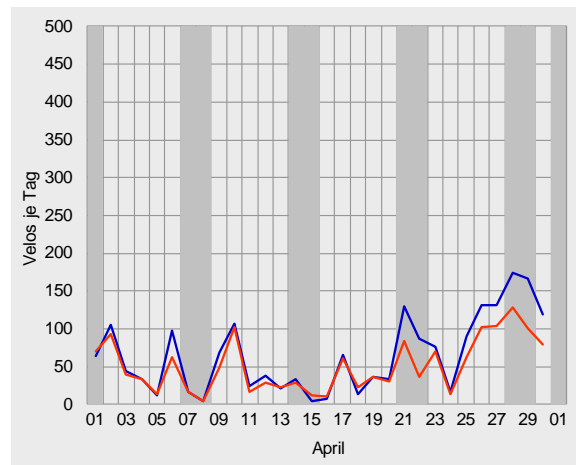
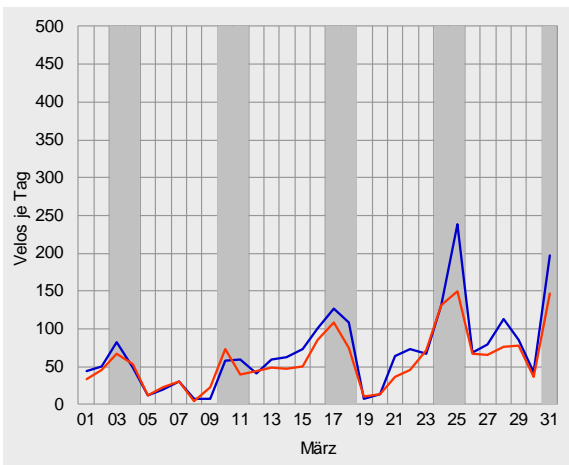
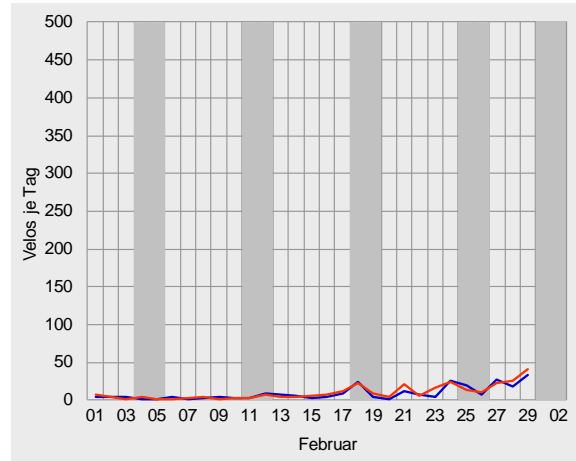
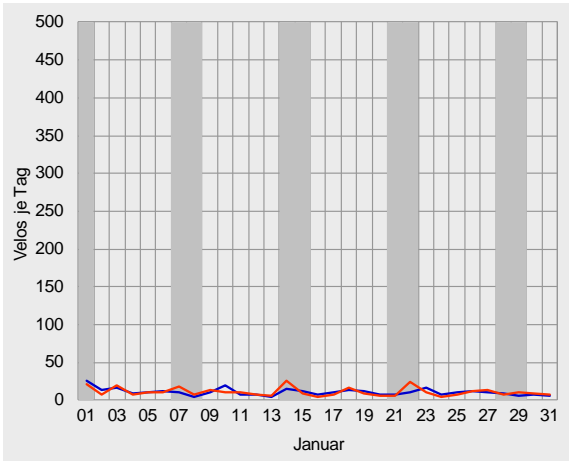
Die Velo-Zählanlage Giswil liegt im Kanton Obwalden an der Alpenpanorama-Route 4 und der Seen-Route 9 des nationalen Velolandnetzes.

Die Zählstation befindet sich an der Grossteilerstrasse nordöstlich von Giswil auf dem Abschnitt zwischen Meiringen und Sarnen.

Der Messquerschnitt liegt an einer Nebenstrasse, die für alle Fahrzeugarten zugelassen ist. In Höhe der Zählstation verfügt der Querschnitt über eine Breite von ca. 4 m. Die Strecke ist eben; die Oberfläche ist asphaltiert und bietet somit ideale Bedingungen zum Velo fahren.

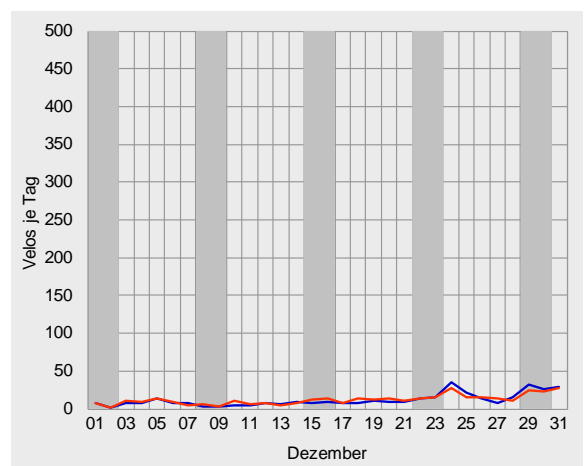
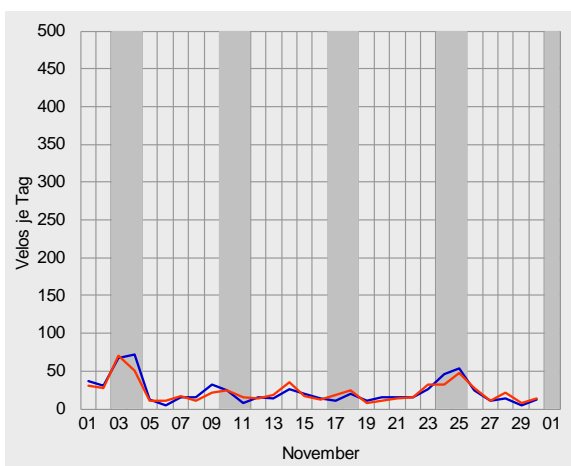
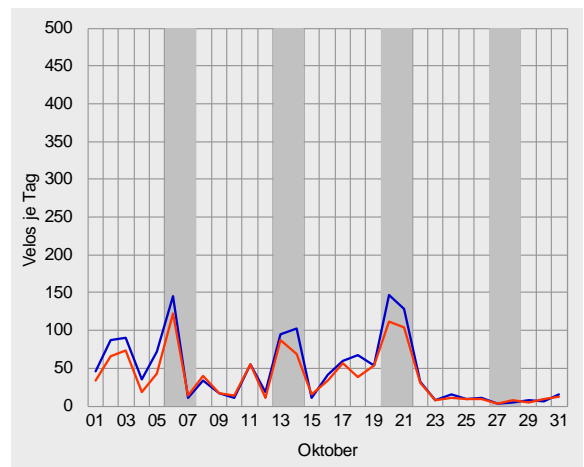
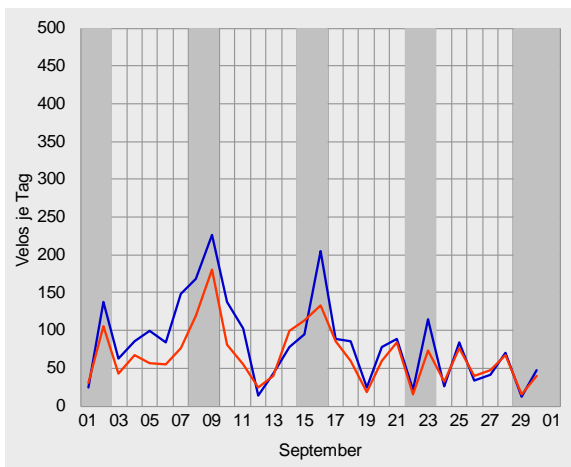
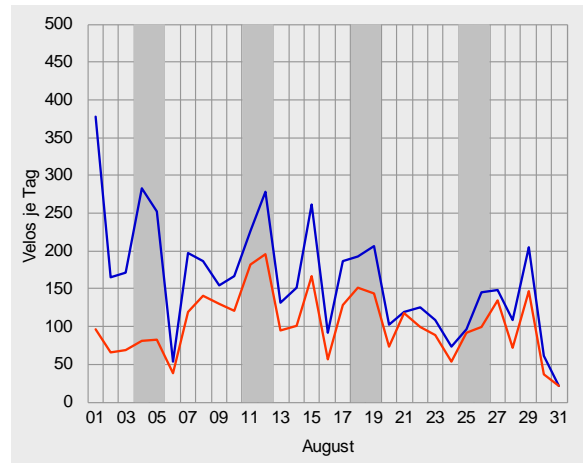
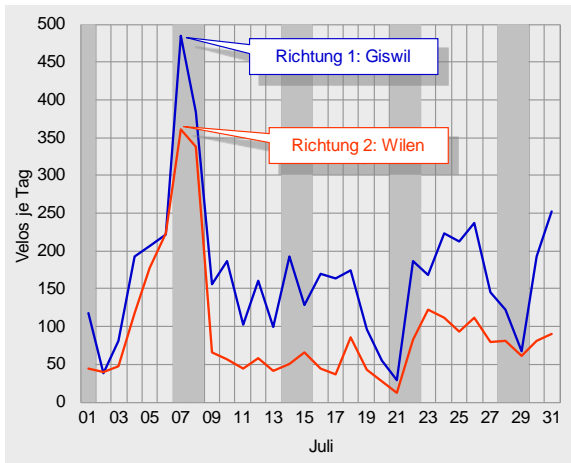


## Veloverkehrsaufkommen 2012



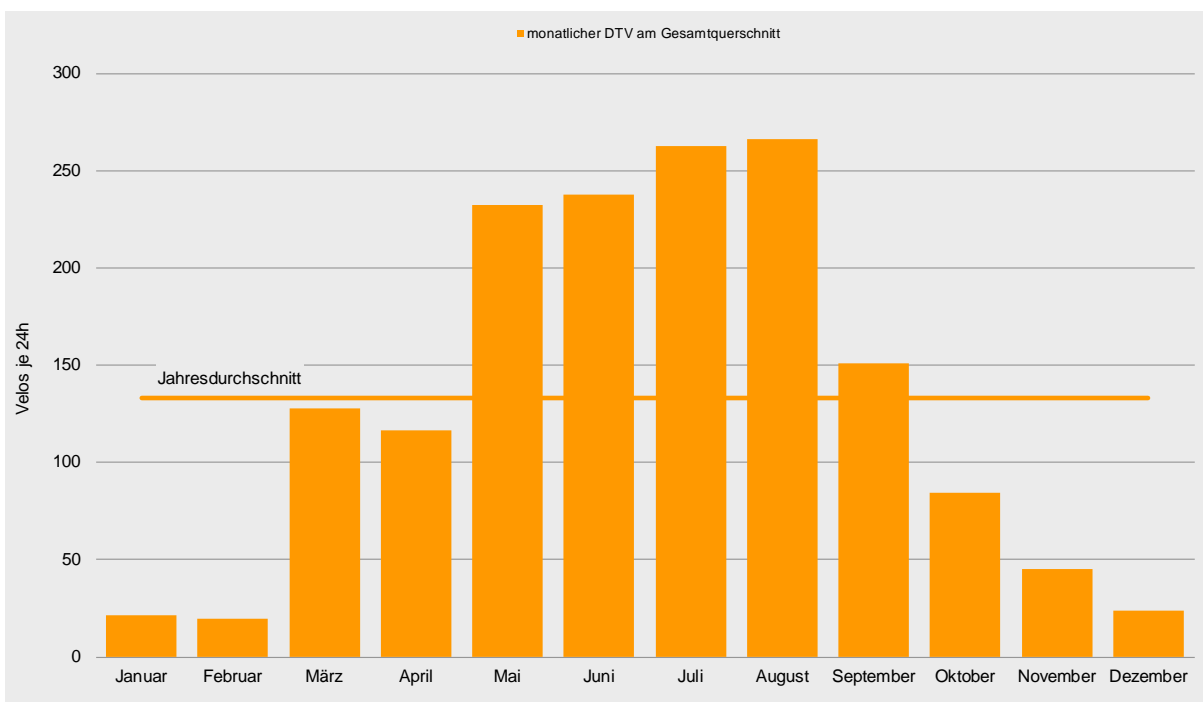
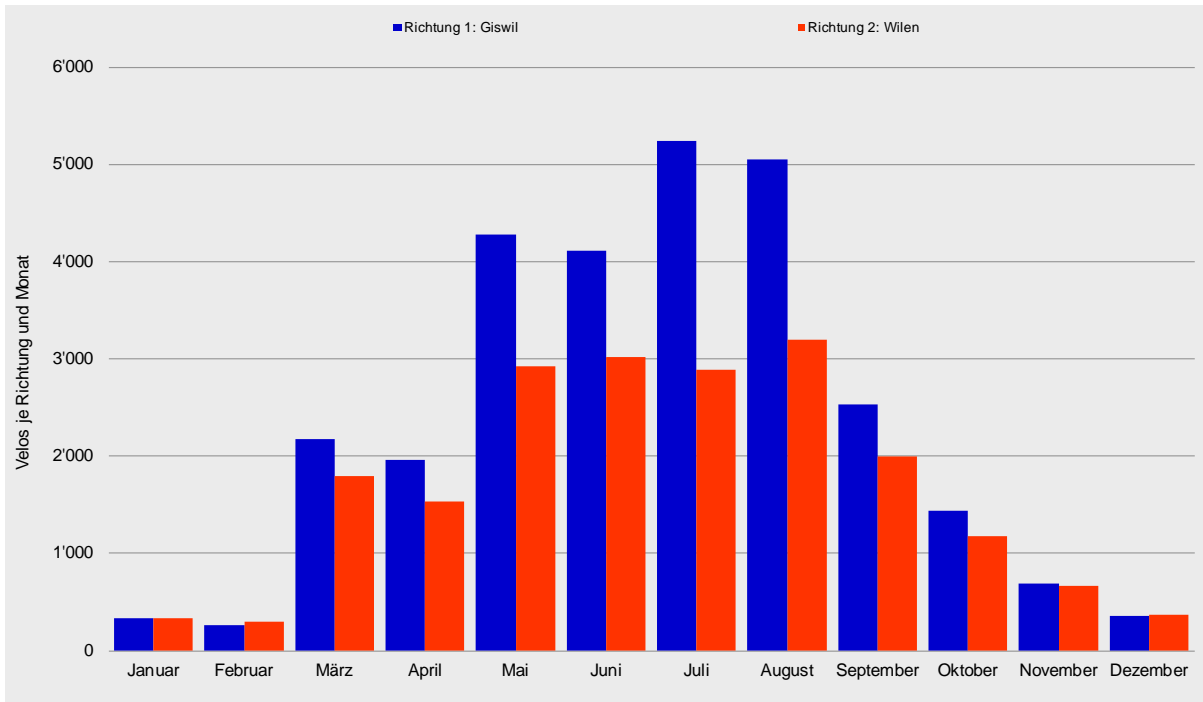


Velo-Zählanlage Giswil Auswertung 2012

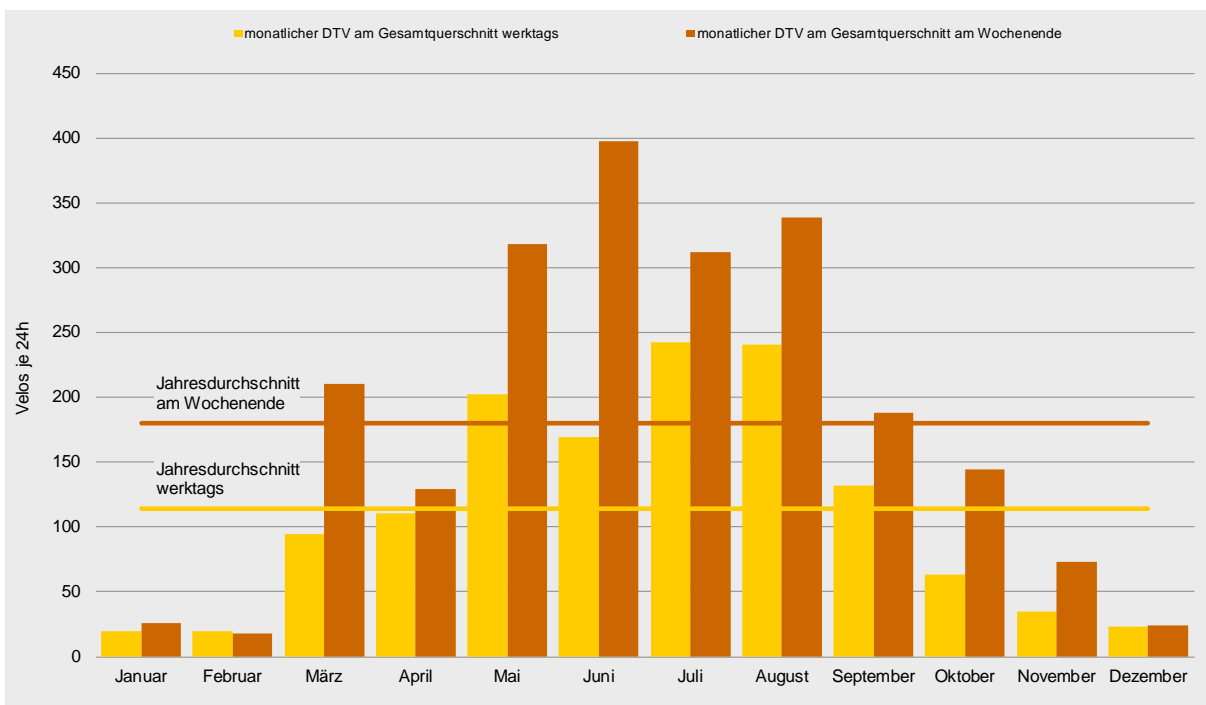
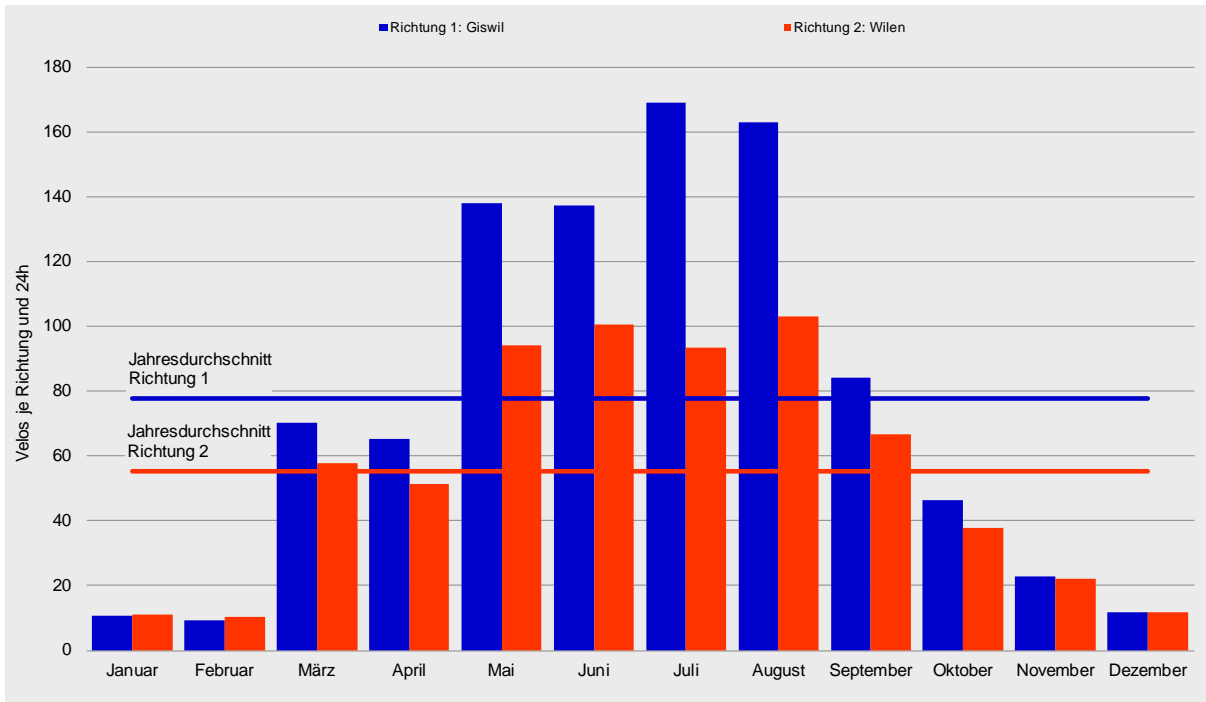




## Durchschnittlicher täglicher Veloverkehr 2012

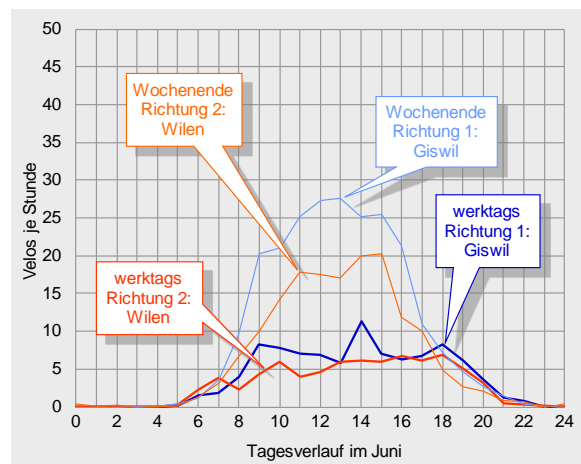
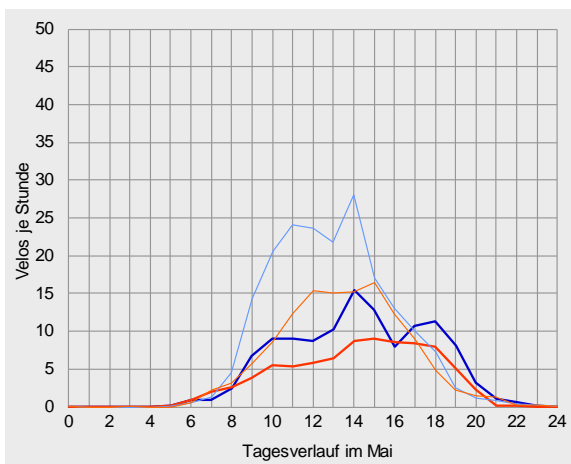
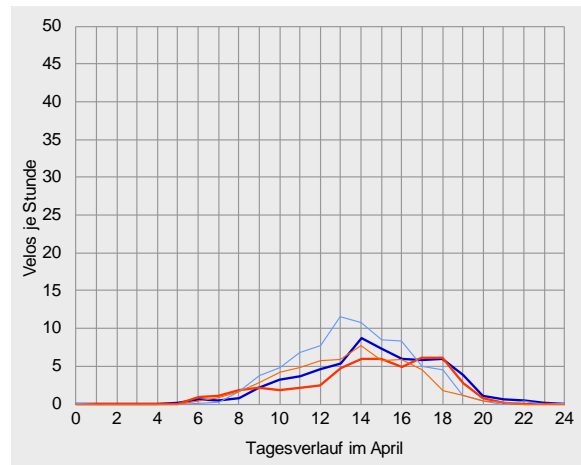
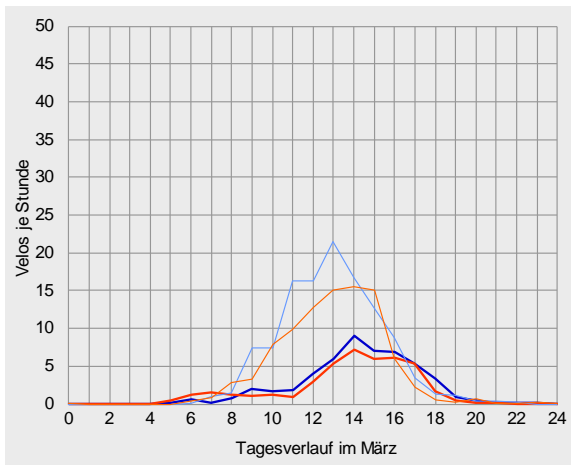
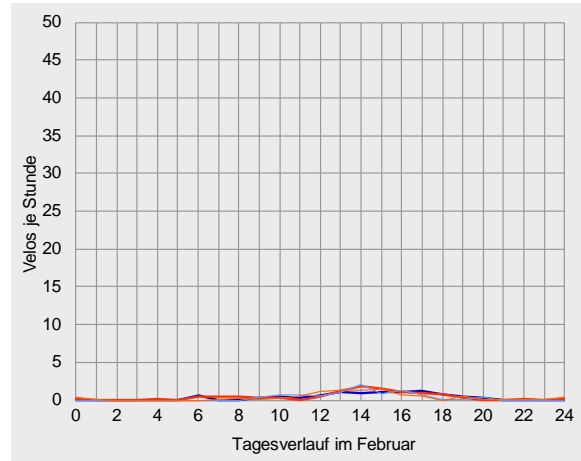
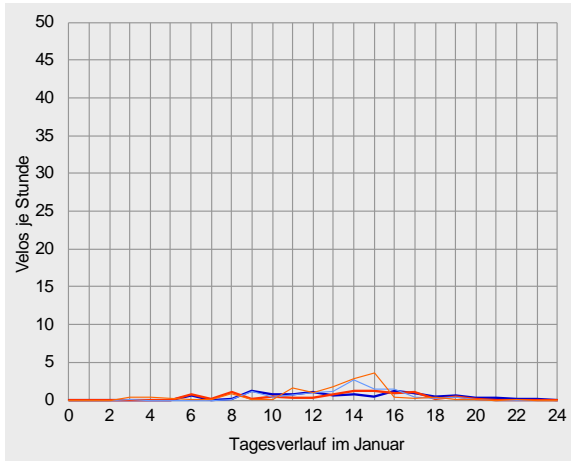






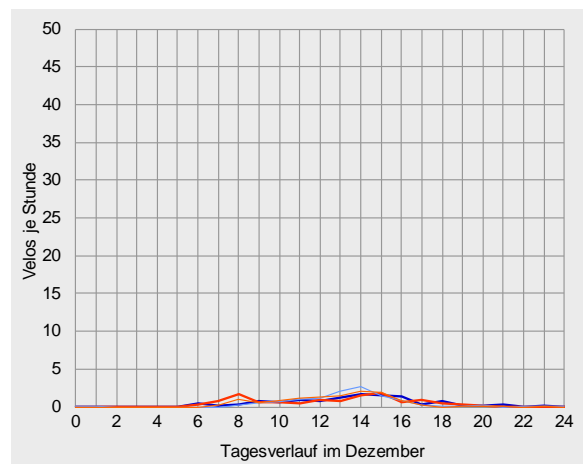
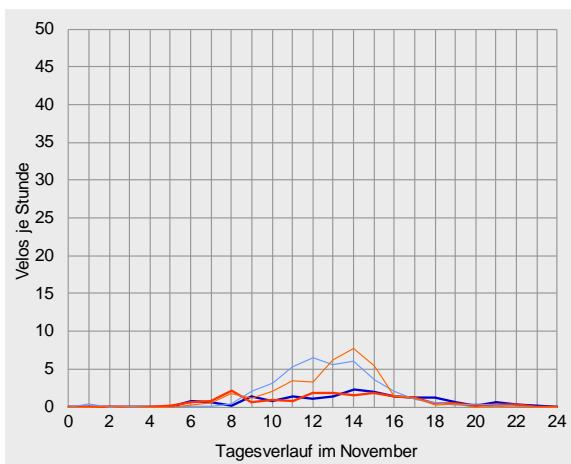
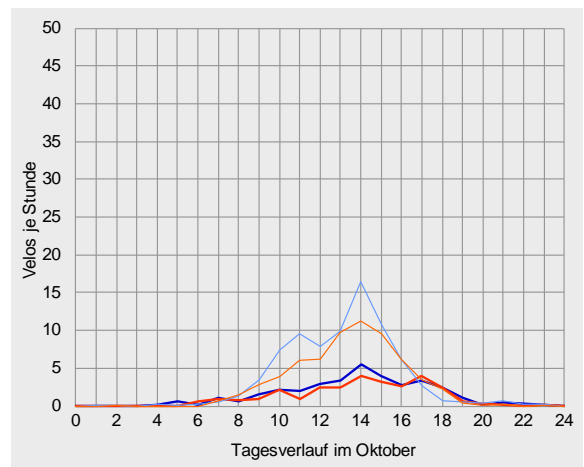
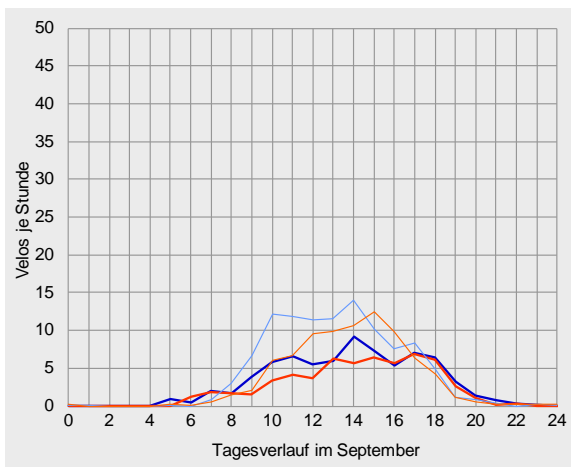
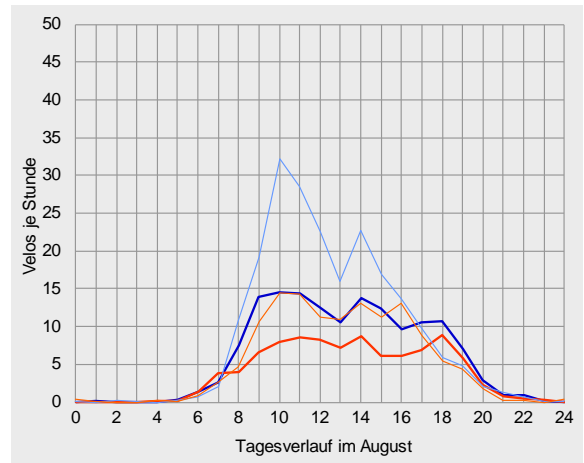
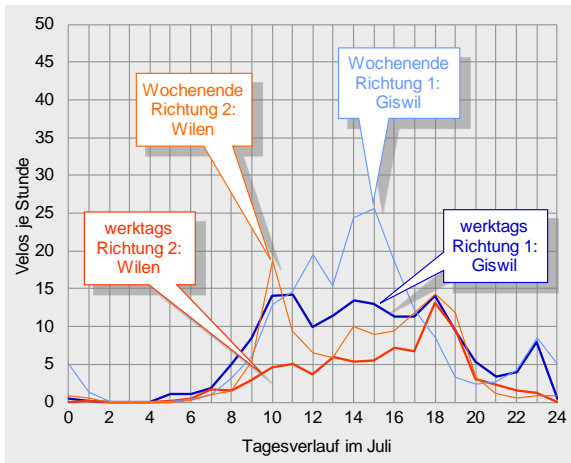


## Tagesganglinien 2012





Velo-Zählanlage Giswil Auswertung 2012





## Datenübersichten zur Velo-Zählanlage Giswil 2012

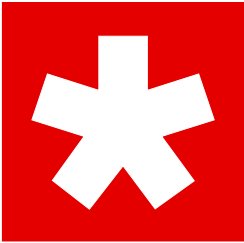
	Richtung 1: Giswil			Richtung 2: Wilen			Gesamtquerschnitt		
Zählwerte	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr	Velos je Monat	Anteil am Jahresaufkommen	ggü. Vorjahr
Januar	334	1%	-34%	338	2%	-17%	672	1%	-26%
Februar	265	1%	-64%	298	1%	-50%	563	1%	-57%
März	2'174	8%	+63%	1'792	9%	+57%	3'966	8%	+60%
April	1'955	7%	-60%	1'536	8%	-51%	3'491	7%	-56%
Mai	4'280	15%	+21%	2'917	14%	+24%	7'197	15%	+22%
Juni	4'113	14%	+2%	3'018	15%	+107%	7'131	15%	+30%
Juli	5'242	18%	+128%	2'892	14%	+71%	8'134	17%	+104%
August	5'049	18%	+7%	3'198	16%	-0%	8'247	17%	+4%
September	2'528	9%	-12%	1'995	10%	-14%	4'523	9%	-13%
Oktober	1'436	5%	-12%	1'173	6%	-11%	2'609	5%	-11%
November	685	2%	-5%	665	3%	+5%	1'350	3%	-0%
Dezember	362	1%	+8%	369	2%	-1%	731	2%	+4%
2012	28'423	100%	+3%	20'191	100%	+8%	48'614	100%	+5%

Durchschnittlicher Täglicher Verkehr		Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr	Velos je 24 Stunden	ggü. Jahresdurchschnitt	ggü. Vorjahr
Januar	w erktags	11	-84%	-2%	9	-80%	-7%	20	-82%	-4%
	Wochenende	11	-89%	-59%	14	-81%	-25%	26	-86%	-45%
	gesamt	11	-86%	-34%	11	-80%	-17%	22	-84%	-26%
Februar	w erktags	9	-86%	-46%	11	-77%	-26%	20	-82%	-37%
	Wochenende	9	-92%	-82%	9	-88%	-76%	18	-90%	-79%
	gesamt	9	-88%	-65%	10	-81%	-52%	19	-85%	-59%
März	w erktags	51	-23%	+38%	43	-9%	+29%	94	-17%	+34%
	Wochenende	117	+11%	+92%	94	+25%	+101%	210	+17%	+96%
	gesamt	70	-10%	+63%	58	+5%	+57%	128	-4%	+60%
April	w erktags	61	-9%	-45%	50	+6%	-34%	111	-3%	-41%
	Wochenende	76	-28%	-73%	54	-28%	-68%	129	-28%	-71%
	gesamt	65	-16%	-60%	51	-7%	-51%	116	-12%	-56%
Mai	w erktags	119	+80%	+35%	83	+75%	+28%	202	+78%	+32%
	Wochenende	192	+82%	+8%	126	+69%	+22%	318	+76%	+13%
	gesamt	138	+78%	+21%	94	+71%	+24%	232	+75%	+22%
Juni	w erktags	95	+43%	-2%	74	+58%	+83%	169	+49%	+23%
	Wochenende	236	+124%	+0%	162	+116%	+132%	397	+120%	+30%
	gesamt	137	+77%	+2%	101	+82%	+107%	238	+79%	+30%
Juli	w erktags	161	+141%	+146%	82	+73%	+66%	242	+113%	+111%
	Wochenende	190	+80%	+105%	122	+63%	+86%	312	+73%	+97%
	gesamt	169	+118%	+128%	93	+69%	+71%	262	+98%	+104%
August	w erktags	146	+120%	+5%	94	+100%	-0%	241	+112%	+3%
	Wochenende	210	+100%	+11%	129	+72%	-0%	339	+88%	+6%
	gesamt	163	+110%	+7%	103	+87%	-0%	266	+100%	+4%
September	w erktags	74	+11%	-11%	59	+24%	-14%	132	+16%	-13%
	Wochenende	105	-0%	-19%	83	+10%	-20%	188	+4%	-20%
	gesamt	84	+9%	-12%	67	+21%	-14%	151	+14%	-13%
Oktober	w erktags	35	-48%	-16%	29	-40%	-21%	63	-44%	-19%
	Wochenende	80	-24%	+5%	65	-14%	+16%	144	-20%	+10%
	gesamt	46	-40%	-12%	38	-31%	-11%	84	-37%	-11%
November	w erktags	17	-74%	-6%	17	-63%	+3%	35	-69%	-2%
	Wochenende	38	-64%	-3%	35	-53%	+7%	73	-59%	+2%
	gesamt	23	-71%	-5%	22	-60%	+5%	45	-66%	-0%
Dezember	w erktags	12	-83%	+22%	12	-75%	+10%	23	-79%	+15%
	Wochenende	12	-89%	-14%	12	-84%	-19%	24	-87%	-17%
	gesamt	12	-85%	+8%	12	-78%	-1%	24	-82%	+4%
2012	w erktags	67	0%	+10%	47	0%	+9%	114	0%	+9%
	Wochenende	105	0%	-7%	75	0%	+7%	180	0%	-1%
	gesamt	78	0%	+3%	55	0%	+8%	133	0%	+5%



Velo-Zählanlage Giswil Auswertung 2012

		Richtung 1: Giswil					Richtung 2: Wilen					Gesamtquerschnitt				
Anteile der Stundengruppen am Tagesverkehr		0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24	0-6	6-9	9-15	15-18	18-24
Januar	w erktags	0%	8%	49%	25%	19%	0%	22%	35%	34%	10%	0%	14%	42%	29%	14%
	Wochenende	1%	1%	63%	28%	7%	7%	8%	52%	29%	5%	4%	5%	56%	29%	6%
	gesamt	1%	6%	53%	26%	15%	3%	16%	41%	32%	8%	2%	11%	47%	29%	11%
Februar	w erktags	1%	7%	40%	37%	16%	2%	13%	40%	33%	11%	1%	10%	40%	35%	13%
	Wochenende	0%	0%	61%	32%	7%	6%	4%	50%	29%	11%	3%	2%	55%	31%	9%
	gesamt	0%	5%	45%	36%	14%	3%	11%	43%	32%	11%	2%	8%	44%	34%	12%
März	w erktags	1%	3%	48%	38%	11%	1%	9%	43%	40%	6%	1%	6%	46%	39%	8%
	Wochenende	0%	2%	74%	21%	3%	0%	4%	69%	25%	2%	0%	3%	71%	23%	3%
	gesamt	0%	3%	60%	30%	7%	1%	7%	55%	33%	4%	0%	5%	58%	31%	6%
April	w erktags	0%	3%	45%	32%	20%	0%	8%	39%	34%	20%	0%	5%	42%	33%	20%
	Wochenende	0%	2%	60%	29%	9%	0%	5%	58%	30%	7%	0%	4%	59%	29%	8%
	gesamt	0%	3%	50%	31%	16%	0%	7%	45%	32%	16%	0%	5%	48%	31%	16%
Mai	w erktags	0%	4%	49%	26%	20%	0%	7%	43%	31%	19%	0%	5%	47%	28%	20%
	Wochenende	0%	3%	69%	21%	6%	0%	5%	57%	30%	8%	0%	4%	64%	24%	7%
	gesamt	0%	3%	56%	24%	15%	0%	6%	48%	31%	15%	0%	4%	53%	27%	15%
Juni	w erktags	0%	8%	50%	21%	21%	0%	11%	41%	25%	22%	0%	9%	46%	23%	21%
	Wochenende	0%	6%	62%	25%	7%	1%	7%	60%	26%	7%	0%	6%	61%	25%	7%
	gesamt	0%	7%	56%	23%	14%	0%	9%	50%	26%	14%	0%	8%	54%	24%	14%
Juli	w erktags	1%	5%	44%	22%	27%	0%	4%	34%	24%	37%	1%	5%	41%	23%	31%
	Wochenende	4%	2%	49%	30%	16%	1%	2%	46%	25%	26%	3%	2%	48%	28%	20%
	gesamt	2%	4%	46%	25%	24%	1%	4%	38%	24%	33%	1%	4%	43%	24%	27%
August	w erktags	0%	8%	54%	22%	15%	0%	10%	50%	20%	19%	0%	8%	53%	21%	17%
	Wochenende	0%	6%	67%	19%	7%	1%	6%	58%	26%	9%	0%	6%	64%	22%	8%
	gesamt	0%	7%	59%	21%	13%	0%	9%	53%	22%	16%	0%	8%	56%	22%	14%
September	w erktags	1%	6%	50%	27%	16%	0%	8%	42%	32%	17%	1%	7%	47%	29%	17%
	Wochenende	0%	4%	64%	25%	7%	0%	3%	54%	35%	8%	0%	3%	60%	29%	7%
	gesamt	1%	5%	56%	26%	13%	0%	6%	47%	33%	13%	1%	5%	52%	29%	13%
Oktober	w erktags	2%	5%	50%	29%	13%	0%	8%	45%	34%	13%	1%	6%	48%	32%	13%
	Wochenende	1%	3%	68%	25%	4%	0%	3%	62%	30%	5%	1%	3%	65%	27%	4%
	gesamt	2%	4%	58%	27%	9%	0%	6%	52%	32%	9%	1%	5%	56%	30%	9%
November	w erktags	1%	8%	47%	26%	18%	1%	21%	43%	26%	9%	1%	14%	45%	26%	14%
	Wochenende	1%	2%	75%	18%	4%	0%	7%	68%	23%	2%	1%	4%	72%	20%	3%
	gesamt	1%	5%	59%	22%	12%	1%	15%	54%	24%	6%	1%	10%	57%	23%	9%
Dezember	w erktags	0%	7%	51%	28%	13%	0%	23%	41%	28%	8%	0%	15%	46%	28%	10%
	Wochenende	2%	2%	69%	22%	5%	0%	10%	61%	26%	3%	1%	6%	65%	24%	4%
	gesamt	1%	6%	57%	26%	10%	0%	19%	47%	27%	6%	1%	12%	52%	27%	8%
2012	w erktags	1%	6%	49%	26%	19%	0%	9%	42%	29%	20%	1%	7%	46%	27%	20%
	Wochenende	1%	4%	64%	24%	8%	1%	5%	58%	28%	9%	1%	4%	61%	25%	8%
	gesamt	1%	5%	55%	25%	15%	1%	7%	48%	28%	16%	1%	6%	52%	26%	15%
Spitzenstunde des Gesamtjahres		Velos je h      Zeitraum					Velos je h      Zeitraum					Velos je h      Zeitraum				
w erktags		8      14-15 Uhr					5      14-15 Uhr					13      14-15 Uhr				
Wochenende		14      14-15 Uhr					10      14-15 Uhr					24      14-15 Uhr				
über alle Tage 2012		10      14-15 Uhr					6      14-15 Uhr					16      14-15 Uhr				



**SchweizMobil**

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