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#### TV content in VOD catalogues - Edition 2018

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# TV content in VOD catalogues Edition 2018

**Christian Grece Marta Jiménez Pumares** 







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#### **Executive Summary**

- This report is based on the analysis of 29 Subscription Video-On-Demand (SVOD) catalogues and 32 Transactional Video-On-Demand (TVOD catalogues). The data was collected during November and December 2018 and the TV titles were matched through databases with their countries of production.
- In this report, all content classified under as "TV" on VOD services is taken into account. These TV contents can be defined as a title of a TV series or a unique TV programme (stand-alone TV programmes such as 1 part documentary or a specific TV programmes without episodes) or as all the episodes of a TV series or a unique TV programmes (stand-alone TV programmes such as documentaries or specific TV programmes without episodes).
- The share of EU TV content in TVOD and SVOD depends on the indicator: on the one hand, each TV content can be counted as one title; on the other hand, each TV episode can be counted as one title. The share of EU TV content varies between 24% and 38% in TVOD, and 19% and 27% in SVOD.

Table 1 Share of EU TV content in TVOD and SVOD catalogues

	TVOD	SVOD
1 TV content = 1 title	38%	27%
1 TV episode = 1 title	24%	19%

• Whatever the indicator, there are strong variations between the catalogues: as regards for SVOD services, the share of EU TV content<sup>1</sup> varies between 12% and 92%, and between 0% and 90% for TVOD.

<sup>&</sup>lt;sup>1</sup> In terms of number of episodes.



- Among EU TV content, national works accounted 2 for 62% in TVOD but for only
   32% in SVOD.
- On average, national TVOD and SVOD services have a higher share of EU TV titles (respectively 45% and 46%) than multi-country TVOD and SVOD services (with respectively 31% and 25%). Among EU TV content, they have also a higher share of national content.

50% 45% 45% 40% 35% 34% 35% 25% 22% 18% 16% 14% 15% 12% 11% 10% 10% 5% EU national EU non national Total EU28 ■ 10 National TVOD services (103 155 episodes) ■ 22 Multi-country TVOD services (150 187 episodes) ■ 8 national SVOD services (48 197 episodes) 21 multi-country SVOD services (460 051 episodes)

Figure 1 Average shares of EU, EU non-national and national TV episodes for national and multicountry SVOD and TVOD services

Whereas the US is the main country of origin for TV content available either in TVOD or SVOD, content from outside the EU or outside the US represents a significant part of TV content on offer in SVOD, There are more non-EU/non US titles and episodes available in SVOD than EU titles/episodes.

<sup>&</sup>lt;sup>2</sup> In terms of number of episodes.



Figure 2 Average shares by region of origin of TV episodes in SVOD and TVOD catalogues

- The top 5 EU production countries account for 91.2% of all EU TV titles on TVOD (the United Kingdom, Germany, France, Sweden and Denmark) and 84.1% on SVOD (the United Kingdom, France, Spain, Sweden and Germany).
- When unique titles are considered, without taking into account the number of catalogues of presence, the share of EU TV content is higher (53% of all titles on TVOD and 40% on SVOD services). But, on average, one given EU TV content is available in fewer countries (3.3 in SVOD and 1.2 in TVOD) than a given US title (5.8 and 2.1 respectively). Titles from outside the EU and outside the US also circulate better than EU titles.



8,00 6.93 7,00 5,79 6,00 5,57 5,03 5,00 4,00 3,30 3,00 2.10 1,82 2,00 1,59 1,39 1.25 1.00 0,00 EU28 EUR OBS Other international All - Average US SVOD (18 countries) TVOD (11 countries)

Figure 3 Average country circulation of unique TV titles by region of origin on TVOD and SVOD

#### The sample

- Catalogue services operating in two or more European countries are considered 'multi-country' catalogues in this report. The analysed sample is composed of 8 national and 21 multi-country catalogues in SVOD, and of 10 national and 22 multicountry catalogues in TVOD.
- The data were collected during November and December 2018 and the titles were matched through databases with their countries of production.

Table 2 Number of services in sample per type, in SVOD and TVOD

Services	SVOD	TVOD	Total
National	8	10	18
Multi country	21	22	43
Total	29	32	61



# 1. Cumulated TV titles in TVOD and SVOD catalogues

This section builds on cumulated TV titles in TVOD and SVOD catalogues: each TV content is accounted for 1 title, whatever the number of episodes; and each presence of one TV content in a catalogue is taken into account.

#### 1.1. Number of cumulated TV titles by catalogue

- The SVOD sample weight lies on the 16 Netflix country catalogues, with an average 1 018 cumulated titles. Still, big differences are found in number of titles between the Netflix catalogues in Belgium (1 484) or the United Kingdom (1 407), compared to the ones in Italy (763), Poland (828) or Portugal (838).
- Now TV SVOD in the United Kingdom is the only national catalogue with a similar volume of titles (744 titles), followed by far by Poland's Player. At the lowest we find Horizon/UPC in the Czech Republic with 21 cumulated titles in its catalogue.
- In TVOD, even if general volumes are smaller than SVOD, there are also big differences between the biggest ones like Sweden's ComHem (867 cumulated titles) or Germany's Maxdome (814 titles), and the smaller ones like Microsoft Video in Denmark (5 titles) and the Netherlands (12 cumulated titles).
- In TVOD, most of the biggest catalogues are the national catalogues, with the exception of the multi-country service iTunes (645 titles in UK, 576 in France and 504 in Germany).



Figure 4 Number of cumulated titles by catalogue in SVOD

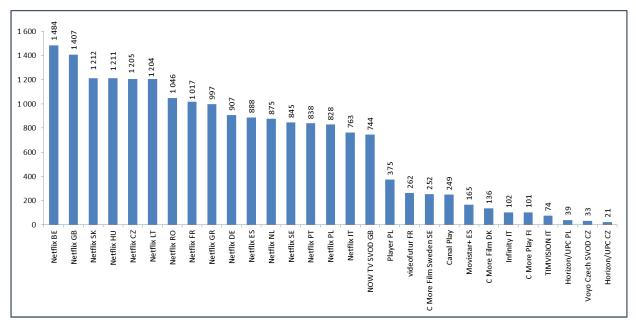
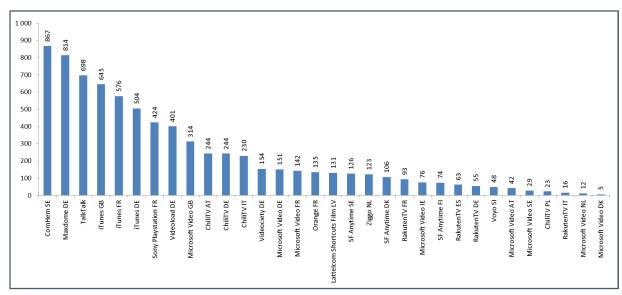


Figure 5 Number of cumulated titles by catalogue in TVOD





#### 1.2. Region of origin of cumulated TV titles

- In the sample analysed in terms of region of origin of cumulated titles, the composition of catalogues varies significantly between SVOD services (29 catalogues) and TVOD services (32 catalogues).
- In SVOD, US titles represent 41% of total, followed by titles from other international origin (30%) and the EU28 titles (27%). This is explained by Netflix offering numerous Japanese and Korean titles and the weight of Netflix catalogues in the sample. Other EUR OBS represent only 2% of titles.
- In TVOD, titles from US represent more than half of cumulated titles (54%), followed by EU28 titles (a remarkable 38%) and other international titles (7%).
- When looking at the origin of EU28 titles, SVOD catalogues' European offer is composed mainly of European non-national titles (21% v. 6% national), while TVOD catalogues, on the contrary, offer more European national cumulated titles (23% v. 15% non-national).
- By total number of EU28 cumulated titles in SVOD per service, Now TV in UK, Netflix in BE and UK offer the higher amounts of titles (closely followed by 14 other Netflix country catalogues). On the contrary, Czech's Horizon/UPC and Italy's Infinity are the catalogues with the lowest EU28 cumulated number of titles.
- The shares of EU28 cumulated titles in SVOD per service show a different picture, in which the higher shares are found on Czech's Voyo (91%) and C More Film Sweden (79%), while the lowest are the ones from Italy's Infinity (18%) and Netflix (HU, CZ, SK, LT and FR) with 21% share of EU28 cumulated titles.
- In TVOD, the highest number of EU28 cumulated titles is found on Germany's Maxdome, catalogue that doubles the titles found on the next one, Sweden's ComHem. The lowest being the catalogues of Rakuten TV in Italy and Microsoft Video in Denmark and Sweden, in which no EU28 title has been found.
- The shares of EU28 cumulated titles in TVOD per service still show Germany's Maxdome first (84%) followed by Slovenia's Voyo (63%). From the catalogues offering some EU28 titles, the ones with the lowest shares are Poland's Chili TV (4%) and Rakuten TV in Germany (9%).



Figure 6 Shares of cumulated titles by region of origin in SVOD and TVOD, in  $\,\%$ 

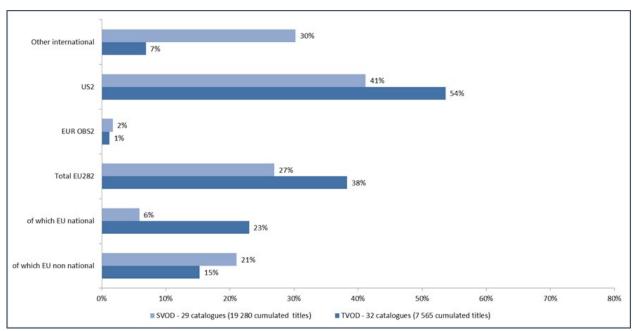


Table 3 Cumulated titles by region of origin and by type of service (SVOD/TVOD), in number

	Total	Other			Total	EU	EU non
Services	titles	intl.	US	EUR OBS	EU28	national	national
SVOD - 29 catalogues (19 280 cumulated titles)	19 280	5 828	7 937	328	5 187	1 130	4 057
TVOD - 32 catalogues (7 565 cumulated titles)	7 565	521	4 058	91	2 895	1 739	1 156



Table 4 Cumulated titles by service and by region of origin in SVOD, in %

SVOD percentages	Other intl.	US	EUR OBS	EU28	EU national	EU non national
Voyo Czech SVOD CZ	6%	3%	0%	91%	70%	21%
C More Film Sweden SE	6%	13%	2%	79%	52%	27%
Horizon/UPC PL	5%	23%	0%	72%	59%	13%
C More Film DK	10%	17%	3%	71%	2%	68%
C More Play FI	3%	38%	2%	57%	18%	40%
NOW TV SVOD GB	6%	40%	0%	53%	42%	11%
Canal Play	6%	40%	0%	53%	29%	25%
videofutur FR	4%	52%	3%	41%	23%	18%
Movistar+ ES	8%	50%	1%	41%	11%	30%
Player PL	8%	50%	2%	40%	21%	19%
Horizon/UPC CZ	19%	48%	0%	33%	19%	14%
TIMVISION IT	12%	57%	0%	31%	1%	30%
Netflix DE	27%	44%	2%	28%	6%	23%
Netflix NL	24%	47%	1%	28%	1%	27%
Netflix SE	24%	48%	2%	27%	1%	26%
Netflix PL	27%	48%	1%	25%	1%	24%
Netflix GB	38%	36%	2%	24%	16%	8%
Netflix IT	29%	46%	1%	24%	1%	23%
Netflix ES	32%	44%	0%	24%	3%	21%
Netflix PT	29%	47%	1%	24%	0%	24%
Netflix BE	37%	38%	2%	23%	1%	23%
Netflix RO	35%	41%	2%	22%	0%	22%
Netflix GR	36%	41%	2%	22%	0%	22%
Netflix FR	36%	41%	1%	21%	4%	18%
Netflix LT	39%	38%	3%	21%	0%	21%
Netflix SK	38%	38%	3%	21%	0%	21%
Netflix CZ	39%	38%	2%	21%	0%	21%
Netflix HU	38%	38%	3%	21%	0%	21%
Infinity IT	7%	75%	0%	18%	3%	15%
Grand Total	30%	41%	2%	27%	6%	21%



Table 5 Cumulated titles by service and by region of origin in TVOD, in %

TVOD percentages	Other intl.	US	EUR OBS	EU28	EU national	EU non national
Maxdome DE	6%	9%	0%	84%	74%	10%
Voyo SI	4%	25%	8%	63%	21%	42%
SF Anytime SE	7%	25%	7%	61%	37%	25%
SF Anytime FI	7%	28%	9%	55%	3%	53%
SF Anytime DK	8%	28%	8%	55%	8%	47%
Orange FR	5%	39%	4%	52%	26%	26%
iTunes FR	7%	45%	0%	49%	35%	14%
TalkTalk	9%	48%	1%	42%	35%	7%
Microsoft Video IE	7%	51%	1%	41%	0%	41%
iTunes DE	6%	53%	1%	40%	21%	19%
Videociety DE	8%	49%	3%	40%	5%	36%
ComHem SE	9%	51%	1%	39%	10%	29%
iTunes GB	3%	60%	0%	37%	34%	2%
Ziggo NL	9%	56%	1%	34%	6%	28%
RakutenTV ES	2%	71%	0%	27%	11%	16%
Lattelcom Shortcuts Film LV	8%	64%	5%	24%	1%	23%
Microsoft Video GB	11%	65%	0%	24%	21%	3%
Videoload DE	5%	73%	1%	21%	4%	16%
Sony Playstation FR	12%	70%	1%	17%	6%	11%
Microsoft Video NL	8%	75%	0%	17%	0%	17%
Microsoft Video FR	6%	77%	1%	16%	10%	6%
RakutenTV FR	9%	75%	0%	16%	10%	6%
ChiliTV IT	5%	78%	0%	16%	3%	13%
ChiliTV AT	2%	85%	0%	12%	0%	12%
ChiliTV DE	2%	85%	0%	12%	1%	11%
Microsoft Video DE	10%	77%	1%	12%	6%	6%
Microsoft Video AT	14%	76%	0%	10%	0%	10%
RakutenTV DE	2%	87%	2%	9%	2%	7%
ChiliTV PL	0%	96%	0%	4%	4%	0%
Microsoft Video DK	0%	100%	0%	0%	0%	0%
Microsoft Video SE	3%	93%	3%	0%	0%	0%
RakutenTV IT	0%	100%	0%	0%	0%	0%
Grand Total	7%	54%	1%	38%	23%	15%

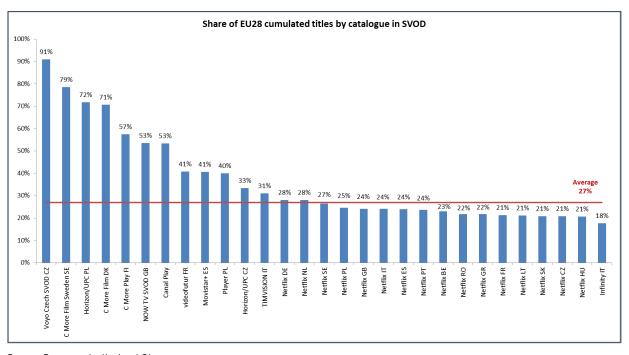


#### 1.3. Focus on the share of EU28 cumulated titles

- The share of EU28 cumulated titles varies enormously between catalogues both in SVOD (average share of 27%) and in TVOD (average share of 38%).
- In SVOD, Czech Voyo shows 91% of EU28 cumulated titles, followed by Sweden's C More (79%), while EU28 contents on Italy's Infinity amounts to only 18%, followed by national Netflix catalogues that go from 21% (LT, SK, CZ, HU) to 28% (DE,NL) EU28 cumulated titles.
- In TVOD, Germany's Maxdome shows the highest share of EU28 cumulated titles at 84% followed by Voyo Slovenia (63%), while three services show 0% of EU28 titles: Italy's Rakuten TV and Microsoft Video catalogues in Denmark and Sweden.
- When the share of national titles of EU titles is taken into consideration, clear differences appear. On SVOD, national SVOD offer a much higher share of national content in their EU title offer with on average 61% of all EU titles being of national origin. Multi-country SVOD services on the other hand, rely mostly on EU non-national titles for their EU title offering, with on average only 12% of EU titles being of national origin. SVOD services in the Czech Republic, the United Kingdom and Sweden were those having the highest share of national titles in their EU title offering Matrix 1
- On TVOD, the offerings of EU titles are clearly skewered towards national titles, with for all 32 services an average of 60.5% of national titles of all EU titles. Surprisingly, multi-country TVOD services, such as iTunes, have a slightly higher share of national titles in their EU offering with 61% than national services, which however have also a high share of national titles in EU titles of 60%. Without surprise, services in the United Kingdom, Germany and France tend to have the highest share of national titles in their EU offerings. Matrix 2
- While multi-country SVOD services rely mostly on EU non-national titles for their EU titles in their catalogues, all other services, national SVOD and TVOD services and multi-country TVOD services, rely more on national titles for the EU titles in their catalogues.



Figure 7 Share of EU28 cumulated titles by catalogue in SVOD, in %





Matrix 1 SVOD - EU 28 cumulated TV titles and share of national titles in EU 28 titles by service

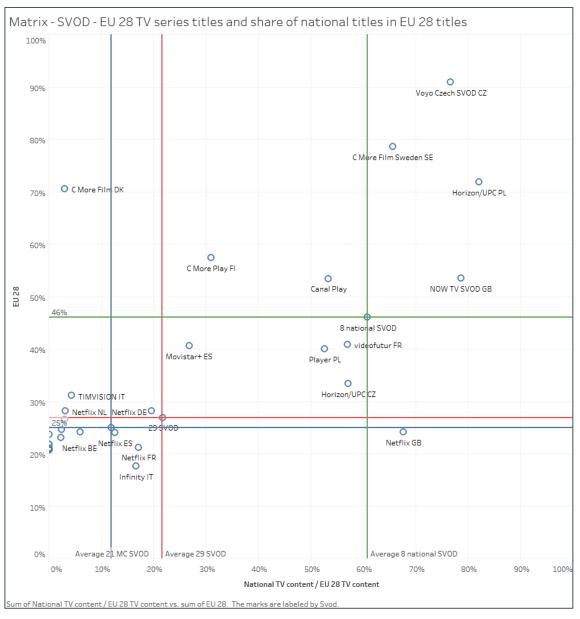
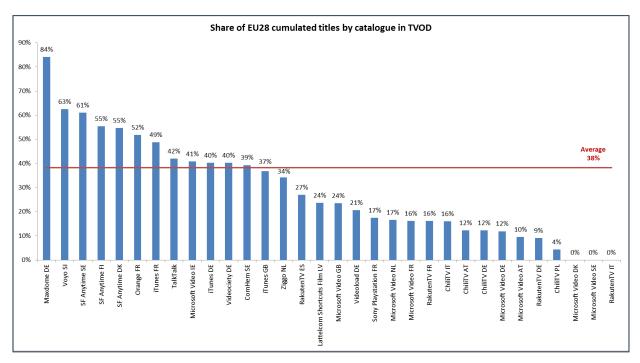


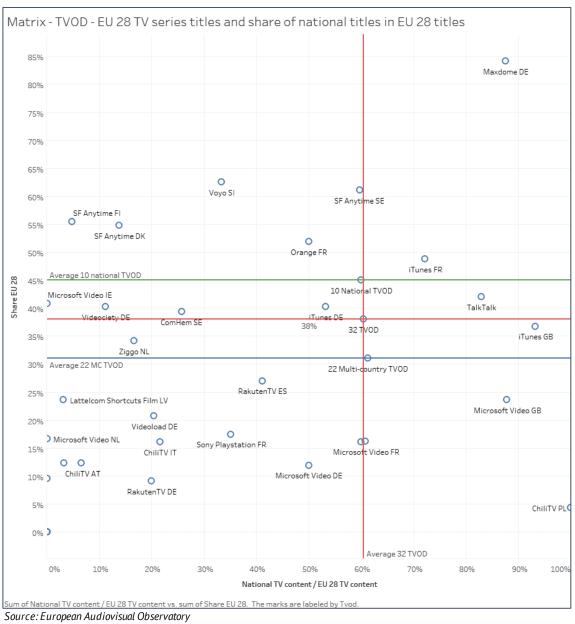


Figure 8 Share of EU28 cumulated titles by catalogue in TVOD, in %





TVOD - EU 28 cumulated TV titles and share of national titles in EU 28 titles by service Matrix 2





### 1.4. Differences in the composition of multi-country and national VOD services

- Catalogue services operating in two or more European countries are considered 'multi-country' catalogues in this report. The analysed sample is composed of 8 national and 21 multi-country catalogues in SVOD, and of 10 national and 22 multi-country catalogues in TVOD.
- In SVOD, national catalogues' average share of EU28 cumulated titles (46%) is well above the general average (27%), while multi-country catalogues' average is below (25%). For the multi-country catalogues there are big differences: even if C More is at 72% and Horizon at 58%, Netflix (at 23%) and its weight in the sample explain the average share at 27%.
- In TVOD, national catalogues' average share of EU28 cumulated titles (45%) is also above the general average (38%) while multi-country catalogues are below at 31%. Within the multi-country catalogues, both SF Anytime (58%) and iTunes (42%) show high shares of EU28 titles; Chili TV (13%), Rakuten (16%) and Microsoft (20%) show the lowest shares of EU28 cumulated titles.
- While the shares of EU TV titles are quite comparable between national TVOD and SVOD services (with respectively 45% and 46%), a clear difference is seen when compared with multi-country catalogues, TVOD and SVOD, which have lower shares with 31% and 25%.
- The real difference in the composition of the catalogues is seen when the proportion of national TV titles in EU titles is considered; while for national, multicountry TVOD and national SVOD services this proportion of national TV titles in EU titles is around 60% to 61%, for multi-country SVOD service the proportion falls to 12%. This difference could be explained by the fact that while national services and multi-country TVOD services are aiming a specific national population, multi-country services such as Netflix aim to offer a large variety of TV titles in their catalogues and to licence most titles on an exclusive basis, concentrating on titles which will also find their audience in other countries than their production country Figure 11



Figure 9 Share of cumulated titles by region of origin and by national v. multi-country services in SVOD and TVOD, in %

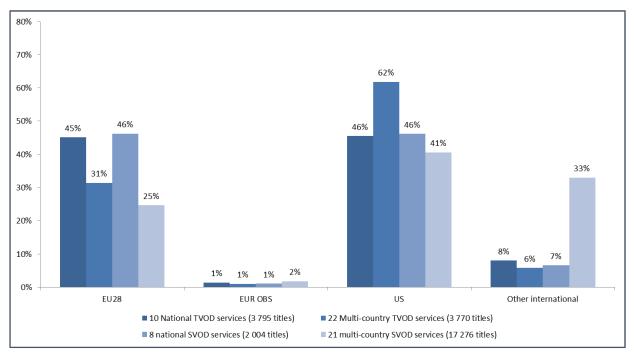


Table 6 Cumulated titles by region of origin and by national v. multi-country services in SVOD and TVOD, in number

				Other	
Services	EU28	EUR OBS	US	intl.	Total
10 National TVOD services (3 795 titles)	1 711	52	1 728	304	3 795
22 Multi-country TVOD services (3 770 titles)	1 184	39	2 330	217	3 770
8 national SVOD services (2 004 titles)	926	21	925	132	2 004
21 multi-country SVOD services (17 276 titles)	4 261	307	7 012	5 696	17 276



Figure 10 Share of EU national v. EU non-national cumulated titles by national v. multi-country services in SVOD and TVOD, in %

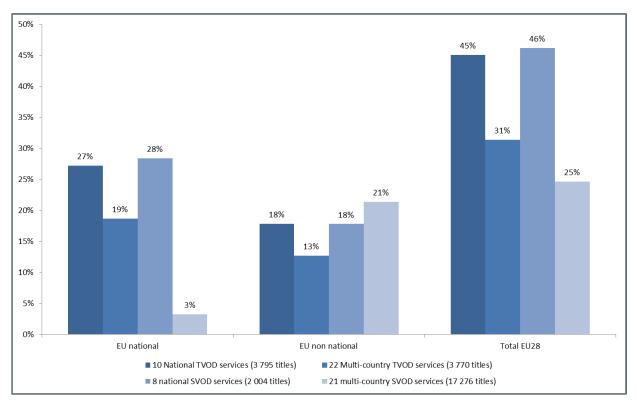


Table 7 EU national v. EU non-national cumulated titles by national v. multi-country services in SVOD and TVOD, in number

	EU	EU non	Total
Services	national	national	EU28
10 National TVOD services (3 795 titles)	1 034	677	1 711
22 Multi-country TVOD services (3 770 titles)	705	479	1 184
8 national SVOD services (2 004 titles)	569	357	926
21 multi-country SVOD services (17 276 titles)	561	3 700	4 261

Source: European Audiovisual Observatory

Figure 11 shows the share of EU titles and the weight of national titles in these EU titles for national and multi-country SVOD and TVOD services. It appears that multi-country SVOD services are the only type of services relying on more EU non-national TV content when it comes to EU content. For all other types of services, EU content is mostly national content (with a share of 60%-61%).



70% 61% 61% 60% 60% 50% 46% 45% 40% 31% 30% 25% 20% 12% 10% 0% National TV content / EU28 TV content Share FU 28 ■ 10 National TVOD ■ 22 Multi-country TVOD 8 national SVOD 21 multi-country SVOD

Figure 11 SVOD/TVOD - Share of EU 28 cumulated TV titles and proportion of national titles in EU 28 titles, in %

## 1.5. Country of production of TV titles in TVOD and SVOD catalogues

- TV content titles produced in the United Kingdom represent by far the largest part of the EU titles offerings on SVOD and TVOD, with respectively 57% and 41% of all EU TV titles.
- The top 5 EU production countries account for 84% of all EU titles on SVOD and 91.2% on TVOD.
- As the SVOD sample this year covers more countries than the TVOD sample, this is also reflected by the origin of EU TV titles on both types of services; while on SVOD, TV titles produced in France and Spain take the 2<sup>nd</sup> and 3<sup>rd</sup> rank, on TVOD it is German TV titles which are ranking second, followed French tiles Spanish titles, only ranked at the 10<sup>th</sup> position on TVOD. The presence of Maxdome and iTunes Germany and Austria, Microsoft Germany and Austria, as well as Videociety and Rakuten TV in Germany are an explanation of this strong presence of German titles on TVOD, whereas the sole presence of Rakuten TV Spain could account for the comparable low presence of Spanish titles.
- The strength of Nordic dramas can be seen by the 4<sup>th</sup> rank on SVOD and TVOD of Swedish TV titles, and the presence of Danish titles in the top 5 on TVOD and top 10 on SVOD.



- The countries of origin of the top 10 EU TV titles present on TVOD and SVOD services, confirm findings from previous reports on films and TV in VOD catalogues: the highest producing countries account for the large majority of TV titles found in VOD catalogues.
- Detailed figures can be accessed in the annex.

BE 72 15 88 1% NL 51 1%

IE 114 2%

DK 124 3%

PL 160 3%

DE 202 4%

SE 273 5%

FR 634 12%

FR 634 12%

Figure 12 SVOD - 5 187 EU cumulated TV titles by country of production on 29 SVOD services

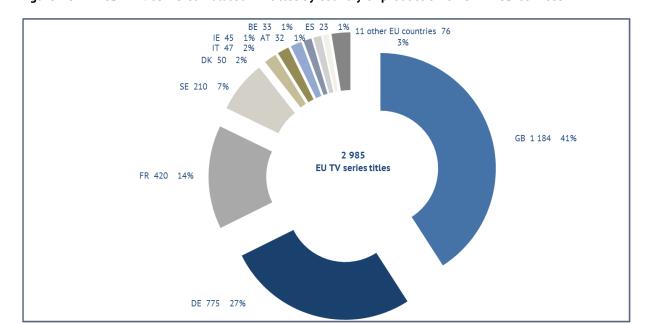


Figure 13 TVOD - 2 985 EU cumulated TV titles by country of production on 32 TVOD services



# 2. Cumulated TV episodes in TVOD and SVOD catalogues

This section builds on cumulated TV episodes in TVOD and SVOD catalogues: each TV episode is accounted for 1 title, whatever the number of episodes; and each presence of a TV episode in a catalogue is taken into account.

#### 2.1. Number of cumulated TV episodes by catalogue

- The SVOD sample weight lies on the 16 Netflix country catalogues, with an average 27 784 cumulated episodes. Still, some differences are found in number of episodes between the Netflix catalogues in Belgium (42 818 cumulated episodes) or the United Kingdom (37 550), compared to the ones in Italy (19 775), Poland (21 126) or Sweden (22 179 cumulated episodes).
- Poland's Player is the first national catalogue with a similar volume of episodes (16 332 episodes), followed by far by UK's Now TV SVOD (11 263). At the lowest we find France's Videofutur with 166 cumulated episodes in its catalogue.
- In TVOD, general volumes are smaller than SVOD, but there are also big differences between the biggest ones like iTunes (30 323 episodes in the United Kingdom, 25 953 in Germany) or UK's Talk Talk (23 038 episodes), and the smaller ones like Microsoft Video in Denmark (104 episodes) and the Netherlands (292 cumulated episodes).
- In TVOD, the size of catalogues concerning cumulated episodes is very mixed between national and multi-country catalogues, with big differences found in the latest in between countries. The most irregular catalogues are those of Microsoft Video with 17 350 episodes in the UK, 8 873 in Germany, 6 851 in France and 3 808 in Ireland. The lowest ones being the NL and DK mentioned above, followed by Microsoft Video in Sweden (875 episodes) and Austria (1 497).



Figure 14 Number of cumulated episodes by catalogue in SVOD

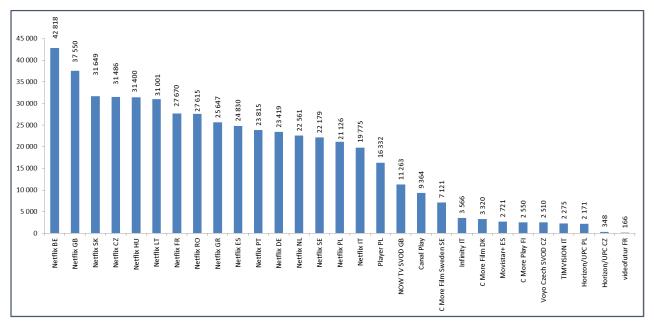
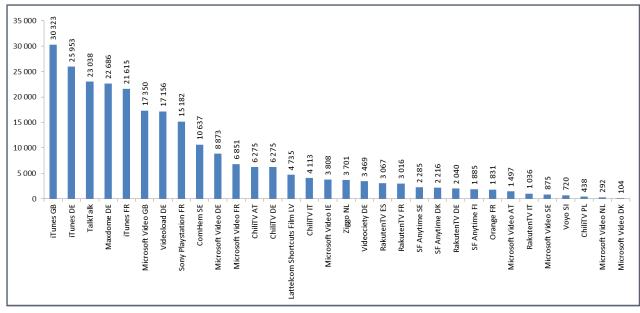


Figure 15 Number of cumulated episodes by catalogue in TVOD





#### 2.2. Region of origin of cumulated TV episodes

- In the sample analysed in terms of region of origin of cumulated episodes, the composition of catalogues varies significantly between SVOD services (29 catalogues) and TVOD services (32 catalogues).
- In SVOD, US episodes represent 50% of total cumulated episodes, followed by episodes from other international origin (28%) and from EU28 (19%). The high amount of episodes from other international origin is explained by Netflix and its weight in the sample, by offering Japanese and Korean animation series that represent many episodes.
- In TVOD, episodes from US represent more than two thirds of cumulated episodes (69%), followed by EU28 episodes (24%) and other international episodes (6%).
- When looking at the origin of EU28 episodes, SVOD catalogues' European offer is composed mainly of European non-national episodes (14% v. 6% national), while TVOD catalogues, on the contrary, offer more European national episodes (15% v. 9% non-national).
- By total number of EU28 cumulated episodes in SVOD per service, Player in Poland and Netflix in the United Kingdom and Belgium offer the higher amounts of episodes (Netflix offer in all country catalogues is quite similar). On the contrary, French Videofutur and Czech Horizon/UPC are the catalogues with the lowest EU28 cumulated number of episodes.
- The shares of EU28 cumulated episodes in SVOD per service show the same than for titles: the higher shares are found on Czech's Voyo (92%) and C More Film Sweden (69%). The lowest shares are the ones from Netflix in Slovakia (12%) and in four other Netflix catalogues (CZ, HU, GR, LT) with 13% share of EU28 cumulated episodes. Netflix average share stands at 15%.
- In TVOD, the highest number of EU28 cumulated episodes is found on Germany's Maxdome, followed by the three country catalogues of iTunes in the United Kingdom, Germany and France. The lowest being the catalogues of Rakuten TV in Italy and Microsoft Video in Denmark and Sweden (identical to titles, since no EU28 title has been found).
- The shares of EU28 cumulated episodes in TVOD per service still show Germany's Maxdome first (80%) followed by Slovenia's Voyo (69%). From the catalogues offering some EU28 episodes, the ones with the lowest shares are Poland's Chili TV (3%) and Microsoft Video in Austria (5%).



Figure 16 Shares of cumulated episodes by region of origin in SVOD and TVOD, in %

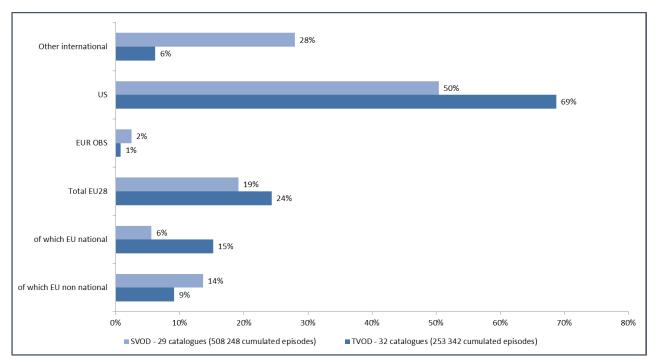


Table 8 Cumulated episodes by region of origin and by type of service (SVOD/TVOD), in number

	Total	Other			Total	EU	EU non
Services	episodes	intl.	US	EUR OBS	EU28	national	national
TVOD - 32 catalogues (253 342 cumulated episodes)	253 342	15 609	174 063	1 975	61 695	38 584	23 111
SVOD - 29 catalogues (508 248 cumulated episodes)	508 248	142 064	256 233	12 434	97 517	28 322	69 195



Table 9 Cumulated episodes by service and by region of origin in SVOD, in %

SVOD percentages	Other intl.	US	EUR OBS	EU 28	EU national	EU non national
Voyo Czech SVOD CZ	8%	0%	0%	92%	63%	29%
C More Film Sweden SE	7%	22%	2%	69%	31%	38%
Horizon/UPC PL	1%	38%	0%	61%	52%	9%
C More Film DK	11%	28%	4%	57%	2%	56%
Player PL	8%	35%	0%	57%	50%	6%
videofutur FR	4%	43%	4%	49%	32%	17%
NOW TV SVOD GB	7%	51%	0%	41%	36%	5%
Canal Play	4%	55%	0%	41%	31%	10%
Horizon/UPC CZ	10%	50%	0%	40%	18%	22%
C More Play FI	4%	56%	1%	39%	18%	21%
Movistar+ ES	8%	62%	0%	30%	7%	23%
Netflix DE	24%	56%	2%	19%	3%	15%
Netflix NL	21%	61%	1%	18%	1%	17%
Netflix PT	24%	58%	0%	18%	0%	18%
Netflix SE	20%	62%	1%	17%	0%	17%
Netflix ES	28%	55%	0%	17%	3%	15%
Netflix GB	36%	44%	4%	17%	11%	6%
Netflix IT	25%	57%	0%	17%	2%	15%
Netflix PL	24%	60%	1%	15%	0%	15%
TIMVISION IT	11%	74%	0%	15%	0%	14%
Netflix FR	34%	50%	1%	14%	4%	11%
Netflix RO	32%	50%	4%	14%	0%	14%
Netflix BE	35%	48%	3%	14%	0%	14%
Infinity IT	3%	83%	0%	14%	2%	12%
Netflix LT	36%	46%	5%	13%	0%	13%
Netflix GR	35%	48%	4%	13%	0%	13%
Netflix HU	36%	47%	5%	13%	0%	13%
Netflix CZ	36%	47%	5%	13%	0%	13%
Netflix SK	35%	47%	5%	12%	0%	12%
Grand Total	28%	50%	2%	19%	6%	14%



Table 10 Cumulated episodes by service and by region of origin in TVOD, in %

TVOD percentages	Other intl.	US	EUR OBS	EU28	EU national	EU non national
Maxdome DE	7%	12%	0%	80%	70%	11%
Voyo SI	6%	17%	8%	69%	28%	41%
SF Anytime SE	4%	54%	4%	38%	17%	21%
Orange FR	4%	56%	2%	38%	20%	17%
SF Anytime FI	3%	56%	4%	36%	1%	35%
ComHem SE	10%	54%	3%	34%	9%	24%
SF Anytime DK	5%	60%	4%	31%	5%	26%
Ziggo NL	6%	66%	0%	28%	2%	26%
iTunes FR	7%	67%	0%	26%	16%	9%
iTunes DE	5%	72%	1%	23%	13%	10%
Microsoft Video IE	5%	72%	0%	22%	0%	22%
iTunes GB	3%	76%	0%	22%	19%	3%
TalkTalk	9%	69%	1%	21%	17%	5%
Videociety DE	6%	71%	3%	20%	1%	19%
Lattelcom Shortcuts Film LV	11%	65%	5%	19%	0%	19%
Microsoft Video NL	4%	80%	0%	15%	0%	15%
RakutenTV ES	1%	84%	0%	15%	6%	9%
ChiliTV IT	4%	80%	2%	14%	3%	12%
Videoload DE	3%	82%	2%	13%	3%	10%
Microsoft Video GB	8%	78%	0%	13%	11%	2%
Sony Playstation FR	11%	77%	0%	12%	4%	8%
RakutenTV FR	9%	79%	0%	12%	6%	6%
Microsoft Video FR	4%	86%	0%	10%	5%	5%
Microsoft Video DE	7%	86%	0%	7%	3%	4%
RakutenTV DE	0%	89%	3%	7%	1%	6%
ChiliTV AT	4%	91%	0%	6%	0%	5%
ChiliTV DE	4%	91%	0%	6%	0%	6%
Microsoft Video AT	11%	84%	0%	5%	0%	5%
ChiliTV PL	0%	97%	0%	3%	3%	0%
Microsoft Video DK	0%	100%	0%	0%	0%	0%
Microsoft Video SE	1%	99%	0%	0%	0%	0%
RakutenTV IT	0%	100%	0%	0%	0%	0%
Grand Total	6%	69%	1%	24%	15%	9%_

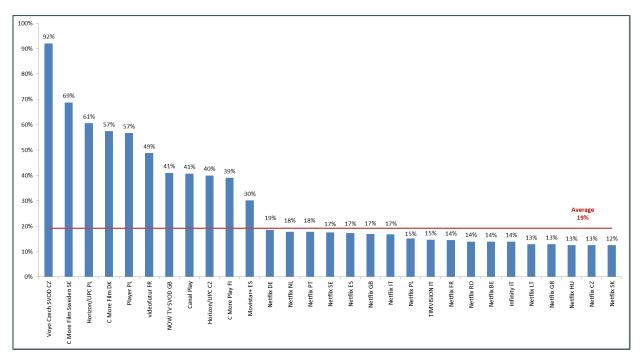


#### 2.3. Focus on the share of EU28 cumulated episodes

- The share of EU28 cumulated episodes varies enormously between catalogues both in SVOD (average share of 27%) and in TVOD (average share of 38%).
- In SVOD, Czech Voyo shows 92% of EU28 cumulated episodes, followed by Sweden's C More (69%), while EU28 episodes on Netflix Slovakia amount to 12%. National Netflix catalogues (average share of 15%) show a very similar composition with shares that go from 13% (LT, GR, HU, CZ) to 19% (DE) or 18% (NL, PT) of EU28 cumulated episodes. Other catalogues below the average include Italy's Infinity (14%) and Timvision (15%).
- In TVOD, Germany's Maxdome shows the highest share of EU28 cumulated episodes at 80% followed by Voyo Slovenia (69%), while three services show 0% of EU28 cumulated episodes: Italy's Rakuten TV and Microsoft Video catalogues in Denmark and Sweden. 23 of the 32 catalogues have a share below the average.
- As it was the case with TV titles, when the proportion of national episodes in the EU episodes is taken into consideration, differences appear. On SVOD, national services have on average a very high share of national episodes of their EU episodes offering, with 78% of all EU episodes being of national origin. This is mainly the case in Poland (with Player.pl having a share of 89% of national episodes in their EU episodes), in the United Kingdom with Sky Now having 88% of all EU episodes of national origin or France where CanalPlay mostly has national episodes with 76%. At the same time, multi-country SVOD have a lower share of national episodes in their EU episode offer with 12.5%. The services of C More in Sweden and Finland (with a share of national episodes of 46% and 45%) and Horizon/UPC with a share of 85% in Poland and 44% in the Czech Republic figure as exceptions. Matrix 3
- On TVOD, on average, 62.5% of all EU episodes are of national origin, with 65% for the 10 national services on average and 61% for the 22 multi-country services. This varies however from 100% in the catalogue of ChiliTV Poland, 88% in the catalogue of Sky Now in the United Kingdom and 87% in the catalogue of Maxdome in Germany to 0% in 5 Microsoft catalogues and the catalogue of Rakuten in Italy. 10 TVOD catalogues have a share of national films in EU films below 10% while 13 services have a share above 50%. Matrix 4



Figure 17 Share of EU28 cumulated episodes by catalogue in SVOD, in %





Matrix 3 SVOD - EU 28 cumulated TV episodes and share of national titles in EU 28 titles by service

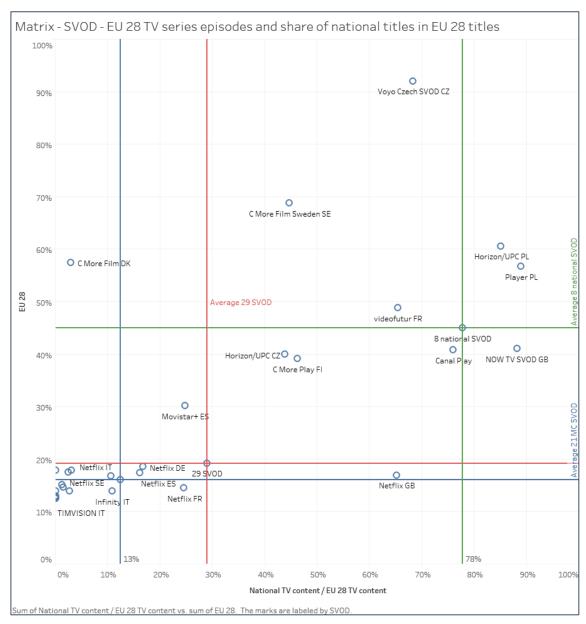
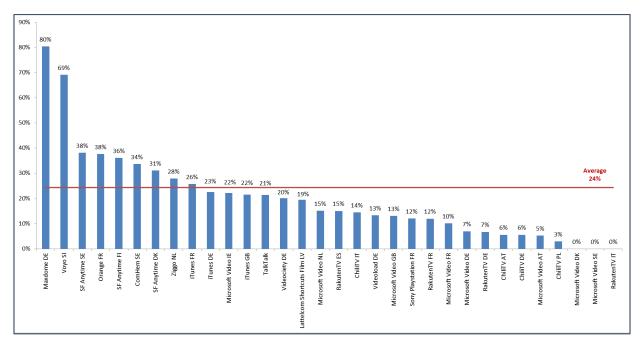


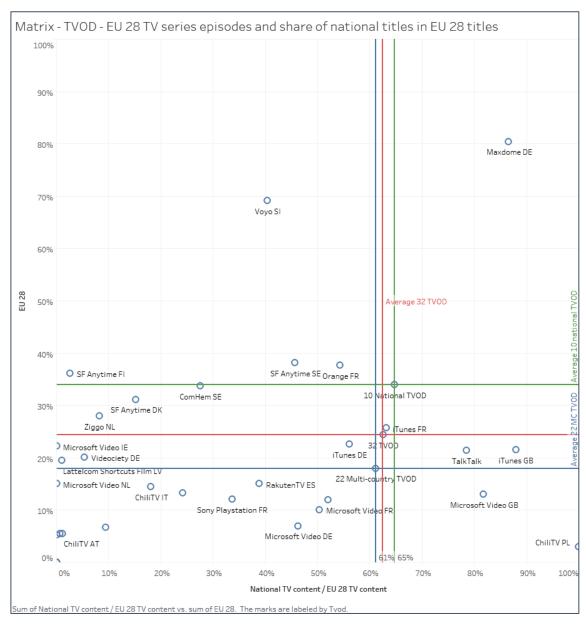


Figure 18 Share of EU28 cumulated episodes by catalogue in TVOD, in %





Matrix 4 TVOD - EU 28 cumulated TV episodes and share of national titles in EU 28 titles by service





# 2.4. Differences in the composition of multi-country and national VOD services

#### Main points

- Catalogue services operating in two or more European countries are considered 'multi-country' catalogues in this report. The analysed sample is composed of 8 national and 21 multi-country catalogues in SVOD, and of 10 national and 22 multi-country catalogues in TVOD.
- In SVOD, national catalogues' average share of EU28 cumulated episodes (45%) is well above the general average (19%), while multi-country catalogues' average is below (16%). The shares are also lower than for SVOD. For the multi-country catalogues there are big differences: even if C More is at 60% and Horizon at 58%, Netflix (with a very low share of 15%) and its weight in the sample explain the low average share of EU28 cumulated episodes at 19%.
- In TVOD, national catalogues' average share of EU28 cumulated episodes (34%) is also above the general average (24%) while multi-country catalogues are below at 18%. Within the multi-country catalogues, both SF Anytime (35%) and iTunes (23%) show higher shares of EU28 episodes; Chili TV (8%), Rakuten (10%) and Microsoft (11%) show the lowest shares of EU28 cumulated episodes. Here also, shares are lower than those found on SVOD.
- The differences and similarities between national and multi-country services, and SVOD and TVOD services are highlighted when the proportion of national episodes of EU episodes are observed. While national SVOD services have the highest proportion of national episodes in their EU episodes with 78%, and national and multi-country TVOD services have almost the same share of national episodes of EU episodes with respectively 65% and 61%, multi-country services have the lowest proportion with 13%. These are almost, without surprise, the same findings than when titles are considered. Figure 21



Figure 19 Share of cumulated episodes by region of origin and by national v. multi-country services in SVOD and TVOD, in %

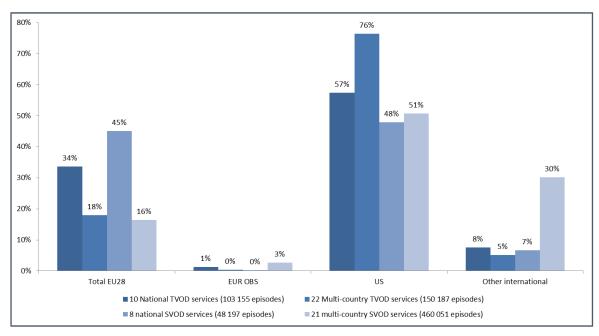


Table 11 Cumulated titles by region of origin and by national v. multi-country services in SVOD and TVOD, in number

				Other	Total
Services	EU28	EUR OBS	US	intl.	episodes
10 National TVOD services (103 155 episodes)	34 704	1 348	59 237	7 866	103 155
22 Multi-country TVOD services (150 187 episodes)	26 991	627	114 826	7 743	150 187
8 national SVOD services (48 197 episodes)	21 725	141	23 116	3 215	48 197
21 multi-country SVOD services (460 051 episodes)	75 792	12 293	233 117	138 849	460 051



Figure 20 Share of EU national v. EU non-national cumulated titles by national v. multi-country services in SVOD and TVOD, in %

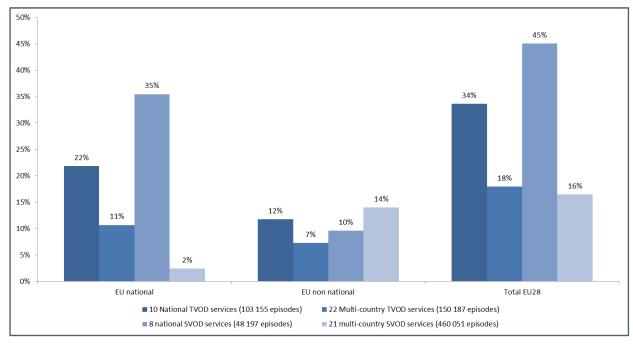


Table 12 EU national v. EU non-national cumulated titles by national v. multi-country services in SVOD and TVOD, in number

	EU	EU non	Total
Services	national	national	EU28
10 National TVOD services (103 155 episodes)	22 530	12 174	34 704
22 Multi-country TVOD services (150 187 episodes)	16 054	10 937	26 991
8 national SVOD services (48 197 episodes)	17 099	4 626	21 725
21 multi-country SVOD services (460 051 episodes)	11 223	64 569	75 792

Source: European Audiovisual Observatory

As it was the case for TV content titles, multi-country SVOD services are the only type of services relying more on EU non-national episodes than national episodes for their EU content offering. All other types of services have an EU TV content mostly composed of national episodes, with the shares of national episodes in EU episodes varying from 61% to 78% for national SVOD services.



90% 78% 80% 70% 65% 61% 60% 50% 45% 40% 34% 30% 18% 20% 16% 13% 10% 0% Share EU 28 National TV content / EU28 TV content ■ 10 National TVOD ■ 22 Multi-country TVOD ■ 8 national SVOD ■ 21 multi-country SVOD

Figure 21 SVOD/TVOD - Share of EU 28 TV titles and proportion of national titles in EU 28 titles, in %

# 2.5. Country of production of TV content episodes in TVOD and SVOD catalogues

#### Main points

- As it was the case for TV content titles, episodes originating in the United Kingdom represent the largest share of EU episodes, with 45% on SVOD and 39% on TVOD.
- German and French episodes completed the Top 3 of EU episodes on TVOD with 33% and 13% of all EU episodes while on SVOD French and Polish episodes were in the Top 3 with respectively 16% and 10% of all EU episodes. The surprising 3<sup>rd</sup> rank of Polish episodes is mainly due to four TV titles, *Barwy szczęścia* and *Brzydula*, soap operas with hundreds of episodes and 19+ and *Detektywi*, scripted reality documentaries with also hundreds of episodes on player.pl and UPC Poland. On TVOD, the hit shows *Vikings* and *The Tudors*, explain the 5<sup>th</sup> rank of Irish shows as these titles are present in several catalogues.
- On SVOD, the top 5 countries of production account for 82.4% of all EU episodes and on TVOD for 91.5%.



Figure 22 SVOD - 97 517 EU cumulated TV episodes by country of production on 29 SVOD services

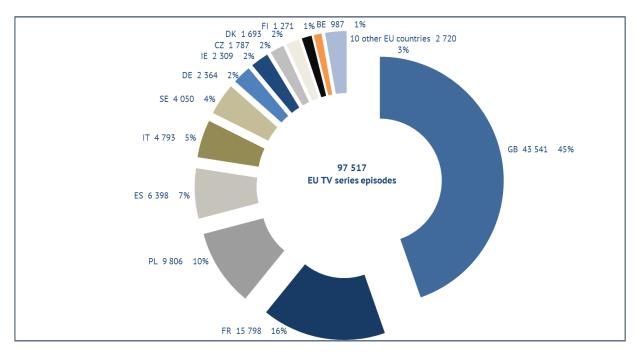
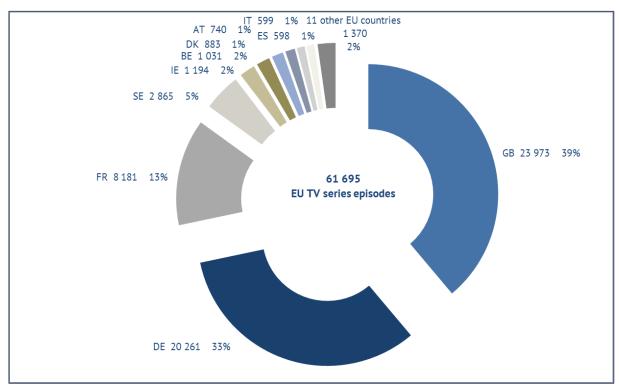


Figure 23 TVOD - 61 695 EU cumulated TV episodes by country of production on 32 TVOD services





# 3. The circulation of TV content in VOD catalogues

This section is based on the analysis of unique titles, i.e. unduplicated TV titles.

# 3.1. Number of unique TV titles in TVOD and SVOD catalogues

### Main points

- EU 28 titles represented on an unique title count, the biggest share on SVOD and TVOD services with respectively 40% and 53% of all unique TV titles, followed by US titles with respectively 36% and 38%. The large differences in the share of unique EU film titles is explained by the composition of the VOD service sample but not only a lot of national programmes are found in TVOD services such as Maxdome, Orange, TalkTalk, SF Anytime SE and certain iTunes catalogues. Table 13 and Figure 24.
- The biggest difference in the region of origin of TV titles between SVOD and TVOD services is in the other international TV programmes SVOD services (and in the case of the sample, mainly Netflix) are relying much more heavily on international TV content to complete their catalogues, as most of this content can also be carried on several country catalogues of the same service. Therefore, with not much surprise, other international unique TV titles represented 22% of all titles on SVOD, compared to 8% on TVOD.

Table 13 SVOD/TVOD - Number of unique TV titles by region of origin

	Other				Total
Services	intl.	US	EUR OBS	EU 28	titles
SVOD - 29 catalogues (3 777 unique titles)	839	1 351	58	1 529	3 777
TVOD - 32 catalogues (3 913 unique titles)	332	1 474	44	2 063	3 913



Other international US 38% EUR OBS 40% EU 28 53% 50% 60% 0% 10% 20% 30% 40% SVOD - 29 catalogues (3 777 unique titles) ■ TVOD - 32 catalogues (3 913 unique titles)

Figure 24 SVOD/TVOD - Share of unique TV titles by region of origin

## 3.2. Circulation of unique TV titles

## 3.2.1. Circulation of unique titles per region of origin

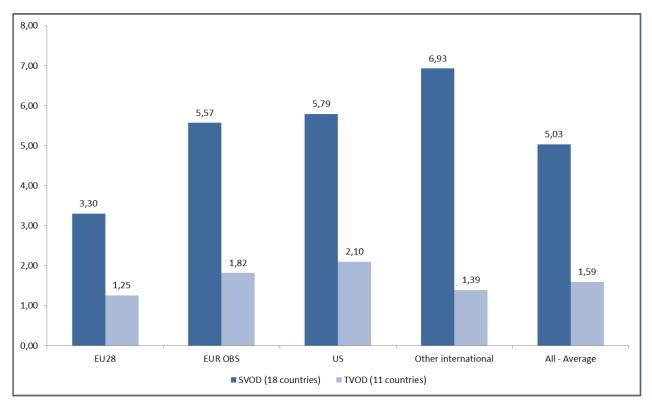
#### Main points

- The sample comprised 29 SVOD services in 18 countries and 32 TVOD services in 11 countries.
- On SVOD, EU titles had the lowest circulation with on average 3.3 countries, compared to an overall circulation of all titles in SVOD catalogues of 5 countries. Other international titles, mostly Asian, Australian and Canadian TV titles circulated the best on SVOD (explained by their presence in several Netflix catalogues) with 6.9 countries and US titles were on average present in 5.8 countries. Figure 25
- Without Netflix, the TV contents in the sample circulated on average in 1.2 countries; Netflix does improve the circulation.
- On TVOD, the circulation of EU titles was much lower with 1.25 countries on average but in line with the circulation of titles of other regions of origin such as the US with 2.1 countries and other international titles with 1.4 countries. This could signify that on TVOD, TV titles are largely tailored to national audiences and only titles for which consumers would spend money manage to circulate.



 The findings, at least for SVOD, are in line with these findings from the circulation of EU films compared to other region of origins; EU titles have more difficulties to cross borders due to different languages and/or cultural distance/proximity.

Figure 25 SVOD/TVOD - Average country circulation per unique TV titles in function of region of origin, in number



Source: European Audiovisual Observatory

## 3.2.2. Top titles

#### Main points

- Number one title in circulation in SVOD (found in 22 countries) is from the United Kingdom (*Peaky Blinders*).
- Contents of US origin dominate the list of top titles in SVOD, with 56% of top 18 titles.
- France has 3 titles in the SVOD top titles list, its first being an animation (*Oggy et les cafards*) in co-production with Canada.
- Taking away titles on Netflix, even if we still find a 60% US origin, more European titles reach the top list. The United Kingdom manages to place 6 titles in it, including the number one title that circulated in 7 countries (*Tin star*).



■ TVOD is fully dominated by US: top 10 titles on are all either from US (90%) or a US minority co-production with Canada (*The X Files*). The only title found with some European origin is a UK minority co-production with US (*Game of Thrones*).

Table 14 Top 18 titles on 18 or more platforms in SVOD

	Title	Year	Origin	Platforms	Countries
1	Peaky Blinders	2013	GB	22	18
2	Ash vs. Evil Dead	2015	US	21	17
3	Pretty Little Liars	2010	US	19	18
4	Better Call Saul	2015	US	19	16
5	Z Nation	2014	US	19	16
6	Oggy et les cafards	1998	FR,CA	18	17
7	The Koala Brothers	2003	GB	18	17
8	Poketto monsutâ	1997	JP	18	17
9	Archer	2009	US	18	16
10	Au service de la France	2015	FR	18	16
11	Breaking Bad	2008	US	18	16
12	Gossip Girl	2007	US	18	16
13	Le chalet	2017	FR	18	16
14	Mad Men	2007	US	18	16
15	Orange Is the New Black	2013	US	18	16
16	Killjoys	2015	CA	18	16
17	Ascension	2014	CA,US	18	16
18	House of Cards	2013	US	18	15



Table 15 Top 23 titles on 4 or more platforms in SVOD without Netflix

	Title	Year	Origin	Platforms	Countries
1	Tin Star	2017	GB,CA,US	7	7
2	The Girlfriend Experience	2016	US	6	6
3	Agatha Raisin	2016	GB	6	5
4	Deutschland 83	2015	DE	5	5
5	Riviera	2017	GB	5	5
6	Safe House	2015	GB	5	5
7	Will & Grace	1998	US	5	5
8	The L Word	2004	CA,US	4	4
9	Blindspot	2015	US	4	4
10	Chicago Fire	2012	US	4	4
11	Condor	2018	US	4	4
12	Howards End	2017	GB,US	4	4
13	Mr. Mercedes	2018	US	4	4
14	Parenthood	2010	US	4	4
15	Seinfeld	1991	US	4	4
16	Shades of Blue	2015	US	4	4
17	The Handmaid's Tale	2017	US	4	4
18	The Last Ship	2014	US	4	4
19	The Truth About Harry Quebert Affair	2018	US	4	4
20	The White Princess	2017	GB,US	4	4
21	Twin Peaks	1990	US	4	4
22	Chicago P.D.	2014	US	4	3
23	Le Bureau des Légendes	2015	FR	4	3

Table 16 Top 10 titles on 15 or more platforms in TVOD

Title	Year	Origin	Platforms	Countries
1 The Big Bang Theory	2007	US	22	11
2 Westworld	2016	US	19	9
3 The X Files	1993	CA,US	17	8
4 Modern Family	2009	US	16	7
5 Sons of Anarchy	2008	US	16	8
6 The Mentalist	2008	US	16	8
7 Better Call Saul	2015	US	15	6
8 Breaking Bad	2008	US	15	7
9 Game of Thrones	2011	US,GB	15	7
10 This Is Us	2016	US	15	7





# 4. Annexes

This section provides the detail of absolute values and shares on which the report is based.

Table 17 Number of cumulated titles by catalogue in SVOD and TVOD

SVOD services	Titles	TVOD services	Titles
Netflix BE	1 484	ComHem SE	867
Netflix GB	1 407	Maxdome DE	814
Netflix SK	1 212	TalkTalk	698
Netflix HU	1 211	iTunes GB	645
Netflix CZ	1 205	iTunes FR	576
Netflix LT	1 204	iTunes DE	504
Netflix RO	1 046	Sony Playstation FR	424
Netflix FR	1 017	Videoload DE	401
Netflix GR	997	Microsoft Video GB	314
Netflix DE	907	ChiliTV AT	244
Netflix ES	888	ChiliTV DE	244
Netflix NL	875	ChiliTV IT	230
Netflix SE	845	Videociety DE	154
Netflix PT	838	Microsoft Video DE	151
Netflix PL	828	Microsoft Video FR	142
Netflix IT	763	Orange FR	135
NOW TV SVOD GB	744	Lattelcom Shortcuts Film LV	131
Player PL	375	SF Anytime SE	126
videofutur FR	262	Ziggo NL	123
C More Film Sweden SE	252	SF Anytime DK	106
Canal Play	249	RakutenTV FR	93
Movistar+ ES	165	Microsoft Video IE	76
C More Film DK	136	SF Anytime FI	74
Infinity IT	102	RakutenTV ES	63
C More Play FI	101	RakutenTV DE	55
TIMVISION IT	74	Voyo SI	48
Horizon/UPC PL	39	Microsoft Video AT	42
Voyo Czech SVOD CZ	33	Microsoft Video SE	29
Horizon/UPC CZ	21	ChiliTV PL	23
<b>Grand Total</b>	19 280	RakutenTV IT	16
		Microsoft Video NL	12
		Microsoft Video DK	5
		<b>Grand Total</b>	7 565



Table 18 Cumulated titles by service and by region of origin in SVOD, in number

SVOD absolute values	Total	Other intl.	US	EUR OBS	EU28	EU national	EU non national
NOW TV SVOD GB	744	43	300	3	398	313	85
Netflix BE	1 484	553	563	26	342	8	334
Netflix GB	1 407	529	510	28	340	230	110
Netflix DE	907	241	396	15	255	50	205
Netflix LT	1 204	464	455	31	254		254
Netflix SK	1 212	465	464	31	252		252
Netflix HU	1 211	465	464	31	251		251
Netflix CZ	1 205	465	460	30	250		250
Netflix NL	875	209	408	12	246	8	238
Netflix RO	1 046	368	428	22	228		228
Netflix SE	845	201	405	15	224	7	217
Netflix GR	997	358	404	18	217		217
Netflix FR	1 017	370	419	12	216	37	179
Netflix ES	888	283	388	4	213	27	186
Netflix PL	828	220	394	10	204	5	199
C More Film Sweden SE	252	15	33	6	198	130	68
Netflix PT	838	244	391	5	198		198
Netflix IT	763	224	350	5	184	11	173
Player PL	375	31	187	7	150	79	71
Canal Play	249	15	100	1	133	71	62
videofutur FR	262	11	136	8	107	61	46
C More Film DK	136	13	23	4	96	3	93
Movistar+ ES	165	14	82	2	67	18	49
C More Play FI	101	3	38	2	58	18	40
Voyo Czech SVOD CZ	33	2	1		30	23	7
Horizon/UPC PL	39	2	9		28	23	5
TIMVISION IT	74	9	42		23	1	22
Infinity IT	102	7	77		18	3	15
Horizon/UPC CZ	21	4	10		7	4	3
Grand Total	19 280	5 828	7 937	328	5 187	1 130	4 057



Table 19 Cumulated titles by service and by region of origin in TVOD, in number

TVOD absolute values	Total	Other intl.	US	EUR OBS	EU28	EU national	EU non national
Maxdome DE	814	51	76	2	685	600	85
ComHem SE	867	75	439	12	341	88	253
TalkTalk	698	64	334	7	293	243	50
iTunes FR	576	38	257		281	203	78
iTunes GB	645	21	387		237	221	16
iTunes DE	504	29	267	5	203	108	95
Videoload DE	401	21	291	6	83	17	66
SF Anytime SE	126	9	31	9	77	46	31
Microsoft Video GB	314	35	204	1	74	65	9
Sony Playstation FR	424	50	295	5	74	26	48
Orange FR	135	7	53	5	70	35	35
Videociety DE	154	13	75	4	62	7	55
SF Anytime DK	106	9	30	9	58	8	50
Ziggo NL	123	11	69	1	42	7	35
SF Anytime FI	74	5	21	7	41	2	39
ChiliTV IT	230	12	180	1	37	8	29
Lattelcom Shortcuts Film LV	131	10	84	6	31	1	30
Microsoft Video IE	76	5	39	1	31		31
ChiliTV AT	244	6	207	1	30	1	29
ChiliTV DE	244	6	207	1	30	2	28
Voyo SI	48	2	12	4	30	10	20
Microsoft Video FR	142	9	109	1	23	14	9
Microsoft Video DE	151	15	117	1	18	9	9
RakutenTV ES	63	1	45		17	7	10
RakutenTV FR	93	8	70		15	9	6
RakutenTV DE	55	1	48	1	5	1	4
Microsoft Video AT	42	6	32		4		4
Microsoft Video NL	12	1	9		2		2
ChiliTV PL	23		22		1	1	0
Microsoft Video DK	5		5				0
Microsoft Video SE	29	1	27	1			0
RakutenTV IT	16		16				0
Grand Total	7 565	521	4 058	91	2 895	1 739	1 156



Table 20 Number and shares of EU28 cumulated titles by catalogue in SVOD, showing EU national and EU non-national, in number and %

SVOD	Titles	Total EU28	EU national	EU non national	Total EU28 %	EU national %	EU non national %
Voyo Czech SVOD CZ	33	30	23	7	91%	70%	21%
C More Film Sweden SE	252	198	130	68	79%	52%	27%
Horizon/UPC PL	39	28	23	5	72%	59%	13%
C More Film DK	136	96	3	93	71%	2%	68%
C More Play FI	101	58	18	40	57%	18%	40%
NOW TV SVOD GB	744	398	313	85	53%	42%	11%
Canal Play	249	133	71	62	53%	29%	25%
videofutur FR	262	107	61	46	41%	23%	18%
Movistar+ ES	165	67	18	49	41%	11%	30%
Player PL	375	150	79	71	40%	21%	19%
Horizon/UPC CZ	21	7	4	3	33%	19%	14%
TIMVISION IT	74	23	1	22	31%	1%	30%
Netflix DE	907	255	50	205	28%	6%	23%
Netflix NL	875	246	8	238	28%	1%	27%
Netflix SE	845	224	7	217	27%	1%	26%
Netflix PL	828	204	5	199	25%	1%	24%
Netflix GB	1407	340	230	110	24%	16%	8%
Netflix IT	763	184	11	173	24%	1%	23%
Netflix ES	888	213	27	186	24%	3%	21%
Netflix PT	838	198		198	24%	0%	24%
Netflix BE	1484	342	8	334	23%	1%	23%
Netflix RO	1046	228		228	22%	0%	22%
Netflix GR	997	217		217	22%	0%	22%
Netflix FR	1017	216	37	179	21%	4%	18%
Netflix LT	1204	254		254	21%	0%	21%
Netflix SK	1212	252		252	21%	0%	21%
Netflix CZ	1205	250		250	21%	0%	21%
Netflix HU	1211	251		251	21%	0%	21%
Infinity IT	102	18	3	15	18%	3%	15%
Grand Total	19280	5187	1130	4057	27%	6%	21%



Table 21 Number and shares of EU28 cumulated titles by catalogue in TVOD, showing EU national and EU non-national, in number and %

TVOD	Titles	Total EU28	EU national	EU non national	Total EU28 %	EU national %	EU non national %
Maxdome DE	814	685	600	85	84%	74%	10%
Voyo SI	48	30	10	20	63%	21%	42%
SF Anytime SE	126	77	46	31	61%	37%	25%
SF Anytime FI	74	41	2	39	55%	3%	53%
SF Anytime DK	106	58	8	50	55%	8%	47%
Orange FR	135	70	35	35	52%	26%	26%
iTunes FR	576	281	203	78	49%	35%	14%
TalkTalk	698	293	243	50	42%	35%	7%
Microsoft Video IE	76	31		31	41%	0%	41%
iTunes DE	504	203	108	95	40%	21%	19%
Videociety DE	154	62	7	55	40%	5%	36%
ComHem SE	867	341	88	253	39%	10%	29%
iTunes GB	645	237	221	16	37%	34%	2%
Ziggo NL	123	42	7	35	34%	6%	28%
RakutenTV ES	63	17	7	10	27%	11%	16%
Lattelcom Shortcuts Film LV	131	31	1	30	24%	1%	23%
Microsoft Video GB	314	74	65	9	24%	21%	3%
Videoload DE	401	83	17	66	21%	4%	16%
Sony Playstation FR	424	74	26	48	17%	6%	11%
Microsoft Video NL	12	2		2	17%	0%	17%
Microsoft Video FR	142	23	14	9	16%	10%	6%
RakutenTV FR	93	15	9	6	16%	10%	6%
ChiliTV IT	230	37	8	29	16%	3%	13%
ChiliTV AT	244	30	1	29	12%	0%	12%
ChiliTV DE	244	30	2	28	12%	1%	11%
Microsoft Video DE	151	18	9	9	12%	6%	6%
Microsoft Video AT	42	4		4	10%	0%	10%
RakutenTV DE	55	5	1	4	9%	2%	7%
ChiliTV PL	23	1	1		4%	4%	0%
Microsoft Video DK	5				0%	0%	0%
Microsoft Video SE	29				0%	0%	0%
RakutenTV IT	16				0%	0%	0%
Grand Total	7565	2895	1739	1156	38%	23%	15%



Table 22 SVOD - 5 187 EU TV titles by country of production on 29 SVOD services

Rank Country	y of production	Number of titles	In % of total EU 28	Cumulated %
1 GB		2 934	57%	56,6%
2 FR		634	12%	68,8%
3 ES		318	6%	74,9%
4 SE		273	5%	80,2%
5 DE		202	4%	84,1%
6 PL		160	3%	87,2%
7 IT		158	3%	90,2%
8 DK		124	2%	92,6%
9 IE		114	2%	94,8%
10 BE		72	1%	96,2%
11 FI		58	1%	97,3%
12 NL		51	1%	98,3%
13 CZ		34	1%	98,9%
14 HR		17	0,3%	99,3%
15 AT		14	0,3%	99,5%
16 HU		9	0,2%	99,7%
17 CY		6	0,1%	99,8%
18 SK		4	0,1%	99,9%
19 BG		2	0,04%	99,9%
20 GR		1	0,02%	100,0%
21 MT		1	0,02%	100,0%
22 RO		1	0,02%	100,0%
Total 2	2 EU countries	5 187	100%	100%



Table 23 TVOD - 2 895 EU TV titles by country of production on 32 TVOD services

	Country of			
Rank	production	Number of titles	In % of total EU 28	Cumulated %
1	GB	1 184	41%	40,9%
2	DE	775	27%	67,7%
3	FR	420	15%	82,2%
4	SE	210	7%	89,4%
5	DK	50	2%	91,2%
	IT	47	2%	92,8%
7	IE	45	2%	94,3%
	BE	33	1%	95,5%
9	AT	32	1%	96,6%
10	ES	23	1%	97,4%
11	NL	22	1%	98,1%
12	FI	14	0,5%	98,6%
13	SI	10	0,3%	99,0%
14	HU	9	0,3%	99,3%
15	CZ	6	0,2%	99,5%
16	PL	6	0,2%	
17	BG	3	0,1%	99,8%
18	GR	2	0,1%	99,9%
19	HR	2	0,1%	99,9%
20	LU	1	0,03%	100,0%
21	LV	1	0,03%	100,0%
	Total 21 EU countries	2 895	100%	100%



Table 24 Number of cumulated episodes by catalogue in SVOD and TVOD

SVOD services	Episodes	TVOD services	Episodes
Netflix BE	42 818	iTunes GB	30 323
Netflix GB	37 550	iTunes DE	25 953
Netflix SK	31 649	TalkTalk	23 038
Netflix CZ	31 486	Maxdome DE	22 686
Netflix HU	31 400	iTunes FR	21 615
Netflix LT	31 001	Microsoft Video GB	17 350
Netflix FR	27 670	Videoload DE	17 156
Netflix RO	27 615	Sony Playstation FR	15 182
Netflix GR	25 647	ComHem SE	10 637
Netflix ES	24 830	Microsoft Video DE	8 873
Netflix PT	23 815	Microsoft Video FR	6 851
Netflix DE	23 419	ChiliTV AT	6 275
Netflix NL	22 561	ChiliTV DE	6 275
Netflix SE	22 179	Lattelcom Shortcuts Film LV	4 735
Netflix PL	21 126	ChiliTV IT	4 113
Netflix IT	19 775	Microsoft Video IE	3 808
Player PL	16 332	Ziggo NL	3 701
NOW TV SVOD GB	11 263	Videociety DE	3 469
Canal Play	9 364	RakutenTV ES	3 067
C More Film Sweden SE	7 121	RakutenTV FR	3 016
Infinity IT	3 566	SF Anytime SE	2 285
C More Film DK	3 320	SF Anytime DK	2 216
Movistar+ ES	2 721	RakutenTV DE	2 040
C More Play FI	2 550	SF Anytime FI	1 885
Voyo Czech SVOD CZ	2 510	Orange FR	1 831
TIMVISION IT	2 275	Microsoft Video AT	1 497
Horizon/UPC PL	2 171	RakutenTV IT	1 036
Horizon/UPC CZ	348	Microsoft Video SE	875
videofutur FR	166	Voyo SI	720
<b>Grand Total</b>	508 248	ChiliTV PL	438
		Microsoft Video NL	292
		Microsoft Video DK	104
		<b>Grand Total</b>	253 342



Table 25 Cumulated episodes by service and by region of origin in SVOD, in number

SVOD absolute values	Total	Other intl.	US	EUR OBS	EU 28	EU national	EU non national
Player PL	16 332	1 249	5 762	63	9 258	8 232	1 026
Netflix GB	37 550	13 372	16 418	1 406	6 354	4 146	2 208
Netflix BE	42 818	15 042	20 753	1 072	5 951	163	5 788
C More Film Sweden SE	7 121	514	1 536	176	4 895	2 189	2 706
NOW TV SVOD GB	11 263	794	5 797	56	4 616	4 071	545
Netflix DE	23 419	5 539	13 038	507	4 335	727	3 608
Netflix ES	24 830	6 892	13 561	76	4 301	695	3 606
Netflix PT	23 815	5 619	13 876	88	4 232		4 232
Netflix NL	22 561	4 719	13 654	167	4 021	125	3 896
Netflix FR	27 670	9 409	13 913	350	3 998	985	3 013
Netflix LT	31 001	11 186	14 355	1 468	3 992		3 992
Netflix SK	31 649	11 220	15 005	1 468	3 956		3 956
Netflix CZ	31 486	11 219	14 876	1 450	3 941		3 941
Netflix HU	31 400	11 228	14 773	1 468	3 931		3 931
Netflix SE	22 179	4 341	13 753	207	3 878	97	3 781
Netflix RO	27 615	8 954	13 787	1 033	3 841		3 841
Canal Play	9 364	385	5 161	4	3 814	2 901	913
Netflix IT	19 775	5 006	11 354	94	3 321	355	2 966
Netflix GR	25 647	9 020	12 373	960	3 294		3 294
Netflix PL	21 126	5 051	12 727	154	3 194	41	3 153
Voyo Czech SVOD CZ	2 510	200	0		2 310	1 580	730
C More Film DK	3 320	351	939	123	1 907	58	1 849
Horizon/UPC PL	2 171	31	825		1 315	1 120	195
C More Play FI	2 550	101	1 427	26	996	461	535
Movistar+ ES	2 721	209	1 682	11	819	203	616
Infinity IT	3 566	110	2 961		495	54	441
TIMVISION IT	2 275	261	1 682		332	5	327
Horizon/UPC CZ	348	35	174		139	61	78
videofutur FR	166	7	71	7	81	53	28
Grand Total	508 248	142 064	256 233	12 434	97 517	28 322	69 195



Table 26 Cumulated episodes by service and by region of origin in TVOD, in number

TVOD absolute values	Total	Other intl.	US	EUR OBS	EU28	EU national	EU non national
Maxdome DE	22 686	1 580	2 807	52	18 247	15 803	2 444
iTunes GB	30 323	848	22 946		6 529	5 743	786
iTunes DE	25 953	1 297	18 573	227	5 856	3 288	2 568
iTunes FR	21 615	1 601	14 462		5 552	3 506	2 046
TalkTalk	23 038	1 985	15 909	225	4 919	3 862	1 057
ComHem SE	10 637	1 021	5 727	307	3 582	986	2 596
Videoload DE	17 156	595	14 014	263	2 284	554	1 730
Microsoft Video GB	17 350	1 465	13 608	10	2 267	1 854	413
Sony Playstation FR	15 182	1 669	11 618	64	1 831	616	1 215
Ziggo NL	3 701	211	2 456	0	1 034	85	949
Lattelcom Shortcuts Film LV	4 735	506	3 077	231	921	10	911
SF Anytime SE	2 285	98	1 225	91	871	398	473
Microsoft Video IE	3 808	205	2 757	0	846		846
Videociety DE	3 469	192	2 473	106	698	38	660
Microsoft Video FR	6 851	246	5 914	0	691	348	343
Orange FR	1 831	67	1 032	42	690	375	315
SF Anytime DK	2 216	114	1 326	86	690	105	585
SF Anytime FI	1 885	62	1 064	78	681	18	663
Microsoft Video DE	8 873	664	7 589	0	620	287	333
ChiliTV IT	4 113	172	3 281	65	595	108	487
Voyo SI	720	40	124	58	498	201	297
RakutenTV ES	3 067	26	2 580		461	179	282
RakutenTV FR	3 016	286	2 369		361	188	173
ChiliTV AT	6 275	234	5 692	0	349	4	345
ChiliTV DE	6 275	234	5 692	0	349	2	347
RakutenTV DE	2 040	10	1 823	70	137	13	124
Microsoft Video AT	1 497	158	1 260		79		79
Microsoft Video NL	292	13	235		44		44
ChiliTV PL	438		425		13	13	
Microsoft Video DK	104		104				
Microsoft Video SE	875	10	865	0			
RakutenTV IT	1 036		1 036				
Grand Total	253 342	15 609	174 063	1 975	61 695	38 584	23 111



Table 27 Number and shares of EU28 cumulated episodes by catalogue in SVOD, showing EU national and EU non-national, in number and %

SVOD	Episodes	Total EU 28	EU national	EU non national	EU 28 %	EU national2 %	EU non national %
Voyo Czech SVOD CZ	3 320	2 310	1 580	730	92%	63%	29%
C More Film Sweden SE	7 121	4 895	2 189	2 706	69%	31%	38%
Horizon/UPC PL	2 550	1 315	1 120	195	61%	52%	9%
C More Film DK	9 364	1 907	58	1 849	57%	2%	56%
Player PL	348	9 258	8 232	1 026	57%	50%	6%
videofutur FR	2 171	81	53	28	49%	32%	17%
NOW TV SVOD GB	3 566	4 616	4 071	545	41%	36%	5%
Canal Play	2 721	3 814	2 901	913	41%	31%	10%
Horizon/UPC CZ	42 818	139	61	78	40%	18%	22%
C More Play FI	31 486	996	461	535	39%	18%	21%
Movistar+ ES	23 419	819	203	616	30%	7%	23%
Netflix DE	24 830	4 335	727	3 608	19%	3%	15%
Netflix NL	27 670	4 021	125	3 896	18%	1%	17%
Netflix PT	37 550	4 232		4 232	18%	0%	18%
Netflix SE	25 647	3 878	97	3 781	17%	0%	17%
Netflix ES	31 400	4 301	695	3 606	17%	3%	15%
Netflix GB	19 775	6 354	4 146	2 208	17%	11%	6%
Netflix IT	31 001	3 321	355	2 966	17%	2%	15%
Netflix PL	22 561	3 194	41	3 153	15%	0%	15%
TIMVISION IT	21 126	332	5	327	15%	0%	14%
Netflix FR	23 815	3 998	985	3 013	14%	4%	11%
Netflix RO	27 615	3 841		3 841	14%	0%	14%
Netflix BE	22 179	5 951	163	5 788	14%	0%	14%
Infinity IT	31 649	495	54	441	14%	2%	12%
Netflix LT	11 263	3 992		3 992	13%	0%	13%
Netflix GR	16 332	3 294		3 294	13%	0%	13%
Netflix HU	2 275	3 931		3 931	13%	0%	13%
Netflix CZ	166	3 941		3 941	13%	0%	13%
Netflix SK	2 510	3 956		3 956	12%	0%	12%
Grand Total	508 248	97 517	28 322	69 195	19%	6%	14%



Table 28 Number and shares of EU28 cumulated episodes by catalogue in TVOD, showing EU national and EU non-national, in number and %

TVOD	Episodes	Total EU28	EU national	EU non national	Total EU28 %	EU national %	EU non national %
Maxdome DE	22 686	18 247	15 803	2 444	80%	70%	11%
Voyo SI	720	498	201	297	69%	28%	41%
SF Anytime SE	2 285	871	398	473	38%	17%	21%
Orange FR	1831	690	375	315	38%	20%	17%
SF Anytime FI	1 885	681	18	663	36%	1%	35%
ComHem SE	10 637	3 582	986	2 596	34%	9%	24%
SF Anytime DK	2 216	690	105	585	31%	5%	26%
Ziggo NL	3 701	1 034	85	949	28%	2%	26%
iTunes FR	21 615	5 552	3 506	2 046	26%	16%	9%
iTunes DE	25 953	5 856	3 288	2 568	23%	13%	10%
Microsoft Video IE	3 808	846		846	22%	0%	22%
iTunes GB	30 323	6 529	5 743	786	22%	19%	3%
TalkTalk	23 038	4 919	3 862	1 057	21%	17%	5%
Videociety DE	3 469	698	38	660	20%	1%	19%
Lattelcom Shortcuts Film LV	4 735	921	10	911	19%	0%	19%
Microsoft Video NL	292	44		44	15%	0%	15%
RakutenTV ES	3 067	461	179	282	15%	6%	9%
ChiliTV IT	4 113	595	108	487	14%	3%	12%
Videoload DE	17 156	2 284	554	1 730	13%	3%	10%
Microsoft Video GB	17 350	2 267	1 854	413	13%	11%	2%
Sony Playstation FR	15 182	1 831	616	1 215	12%	4%	8%
RakutenTV FR	3 016	361	188	173	12%	6%	6%
Microsoft Video FR	6 851	691	348	343	10%	5%	5%
Microsoft Video DE	8 873	620	287	333	7%	3%	4%
RakutenTV DE	2 040	137	13	124	7%	1%	6%
ChiliTV AT	6 275	349	4	345	6%	0%	5%
ChiliTV DE	6 275	349	2	347	6%	0%	6%
Microsoft Video AT	1 497	79		79	5%	0%	5%
ChiliTV PL	438	13	13		3%	3%	0%
Microsoft Video DK	104				0%	0%	0%
Microsoft Video SE	875				0%	0%	0%
RakutenTV IT	1 036				0%	0%	0%
Grand Total	253 342	61 695	38 584	23 111	24%	15%	9%



Table 29 SVOD - 97 517 EU TV episodes by country of production on 29 SVOD services

Rank Country of production	Number of episodes	In % of total EU 28	Cumulated %
1 GB	43 541	45%	44,6%
2 FR	15 798	16%	60,8%
3 PL	9 806	10%	70,9%
4 ES	6 398	7%	77,5%
5 IT	4 793	5%	82,4%
6 SE	4 050	4%	86,5%
7 DE	2 364	2%	89,0%
8 IE	2 309	2%	91,3%
9 CZ	1 787	2%	93,2%
10 DK	1 693	2%	
11 FI	1 271	1%	96,2%
12 BE	987	1%	,
13 NL	826	1%	98,1%
14 SK	765	0,8%	
15 HU	352	0,4%	99,2%
16 CY	311	0,3%	99,5%
17 HR	197	0,2%	99,7%
18 AT	124	0,1%	99,9%
19 BG	102	0,1%	100,0%
20 GR	29	0,0%	
21 RO	14	0,0%	
22 MT	-	0,0%	100,0%
Total 22 EU countries	97 517	100%	100%



Table 30 TVOD - 61 695 EU TV episodes by country of production on 32 TVOD services

Rank	Country of production	Number of episodes	In % of total EU 28	Cumulated %
1	GB	23 973	39%	38,9%
2	DE	20 261	33%	71,7%
3	FR	8 181	13%	85,0%
4	SE	2 865	5%	89,6%
5	IE	1 194	2%	91,5%
6	BE	1 031	2%	93,2%
7	DK	883	1%	94,6%
8	AT	740	1%	95,8%
9	IT	599	1%	96,8%
10	ES	598	1%	97,8%
11	HU	473	1%	98,5%
12	NL	278	0,5%	99,0%
13	FI	202	0,3%	99,3%
14	SI	201	0,3%	99,6%
15	HR	58	0,1%	99,7%
16	PL	56	0,1%	99,8%
17	BG	32	0,1%	99,9%
18	LU	30	0,05%	99,9%
19	CZ	21	0,03%	100,0%
20	LV	10	0,02%	100,0%
21	GR	9	0,01%	100,0%
	Total 21 EU countries	61 695	100%	100%

Table 31 SVOD/TVOD - Average country circulation per unique TV titles by region of origin, in number

	SVOD (18 countries)	2	TVOD (11 countries)	3
	Average circulation	Titles	Average circulation	Titles
EU28	3,30	1 529	1,25	2 063
EUR OBS	5,57	58	1,82	44
US	5,79	1 351	2,10	1 474
Other international	6,93	839	1,39	332
All - Average	5,03	3 777	1,59	3 913

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