## **Economic Costs of Coronavirus Shutdown: Assumptions for the Six Calculated Scenarios**

March 2020

## **APPENDIX TO THE PUBLICATIONS**

Florian Dorn, Clemens Fuest, Marcell Göttert, Carla Krolage, Stefan Lautenbacher, Sebastian Link, Andreas Peichl, Magnus Reif, Stefan Sauer, Marc Stöckli, Klaus Wohlrabe, Timo Wollmershäuser: The Economic Costs of the Coronavirus Shutdown for Germany: A Scenario Calculation, EconPol Policy Brief 21, March 2020.

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## Table: The six scenarios

Scenario	Loss of value added during shutdown	Duration of the post-shutdown phase
1.	Low	1 month
2	High	1 month
3	Based on ifo business climate index	1 month
4	Low	At least 2 months, extended with longer shutdown
5	High	At least 2 months, extended with longer shutdown
6	Based on ifo business climate index	At least 2 months, extended with longer shutdown

Scenario 1

WZ-2008		Industries	GDP during shutdown
A		Agriculture, forestry and fisheries	
	1	Agriculture	100%
	2	Forestry	100%
	3	Fisheries	
B to F		Production Industry	
B to E		Production Industry excluding construction	
В		Mining and quarrying	50%
С		Manufacturing	
CA		Manufacture of food products, beverages and tobacco	100%
СВ		Manufacture of textiles, wearing apparel and leather	20%
СС		Manufacture of wood, paper, printing and reproduction	
	16	Manufacture of wood and of products of wood and cork	20%
	17	Manufacture of paper and paper products	20%
	18	Manufacture of reproduction of recorded media	20%
CD		Manufacture of coke and refined petroleum products	20%
CE		Manufacture of chemical and chemical products	20%
CF		Manufacture of pharmaceutical products	100%
CG		Manufacture of rubber and plastic products and others	
	22	Manufacture of rubber and plastic products	20%
	23	Manufacture of other non-metalic mineral products	20%
СН		Manufacture of basic metals and fabricated metal products	
	24	Manufacture of basic metals	20%
	25	Manufacture of fabricated metal products	20%
CI	23	Manufacture of computer, electronic and optical products	20%
CJ		Manufacture of electrical equipment	20%
CK		Manufacture of machinery and equipment	2070
CL		Vehicle construction	
CL	29	Manufacture of motor vehicles, trailers and semitrailers	20%
	30	Manufacture of other transport equipment	20%
CM	30		2070
CM	21 22	Manufacture of furniture and other goods, repair and installation	2004
	31-32	Manufacture of furniture, other manufacturing	20%
	33	Repair and installation of machinery	20%
D		Energy supply	100%
E	0.0	Water supply, sewerage and waste management	1000/
	36	Water supply	100%
_	37–39	Sewerage, waste management and remediation activities	100%
F		Construction	50%
G to T		Service sector	
G to I		Trade, transport and accomodation	
G		Wholesale and retail trade, repair of motor vehicles	
	45	Trade and repair of motor verhicles and motorcycles	20%
	46	Wholesale trade	50%
	47	Retail trade	50%
Н		Transportation and storage	
	49	Land transport and transport via pipelines	50%
	50	Water transport	20%
	51	Air transport	
	52	Warehousing	
	53	Postal and courier activities	50%
I		Accommodation and food service activities	0%
J		Information and communication	

JA		Publishing, motion picture and television programme production	
	58	Publishing activities	80%
	59-60	Motion picture, television programme production, programming	80%
JB		Telecommunications	80%
JC		Computer programming, consultancy, and information services	80%
K		Financial and insurance activities	
	64	Financial service activities	50%
	65	Insurance and pension funding	50%
	66	Activities auxiliary to financial services	50%
L		Real estate activities	50%
M to N		Corporate service providers	
М		Professional, scientific and technical activities	
MA		Professional and technical activities	
	69-70	Legal and accounting, consultancy,	80%
	71	Architectural and engineering activities	50%
MB		Scientific research and development	50%
MC		Other professional and technical activities	50%
	73	Advertising and market research	50%
	74-75	Other activities, veterinary activities	80%
N		Administrative and support service activities	
	77	Rental and leasing activities	20%
	78	Employment activities	20%
	79	Travel agency, tour operator and other reservation service	20%
	80-82	Other corporate service providers	20%
O to Q		Public administration, defence, education and health	
0		Public administration, defence, compulsory social security	100%
Р		Education	100%
Q		Human health and social work activities	
QA		Human health activities	100%
QB		Residential care activities and social work activities	100%
R to T		Other service providers	
R		Arts, entertainment and recreation	
	90-92	Arts, culture and gambling and betting activities	0%
	93	Sport activities, amusement and recreation activities	0%
S		Other service activities	
	94	Activities of membership organisations	80%
	95	Repair of computers and household goods	50%
	96	Other personal service activities	50%
T		Activities of households as employers	50%

Scenario 2

WZ-2008		Industries	GDP during shutdown
A		Agriculture, forestry and fisheries	
	1	Agriculture	100%
	2	Forestry	100%
	3	Fisheries	100%
B to F		Production Industry	
B to E		Production Industry excluding construction	
В		Mining and quarrying	50%
С		Manufacturing	
CA		Manufacture of food products, beverages and tobacco	100%
СВ		Manufacture of textiles, wearing apparel and leather	10%
CC		Manufacture of wood, paper, printing and reproduction	
	16	Manufacture of wood and of products of wood and cork	0%
	17	Manufacture of paper and paper products	0%
	18	Manufacture of reproduction of recorded media	0%
CD		Manufacture of coke and refined petroleum products	0%
CE		Manufacture of chemical and chemical products	20%
CF		Manufacture of pharmaceutical products	100%
CG		Manufacture of rubber and plastic products and others	
	22	Manufacture of rubber and plastic products	0%
	23	Manufacture of other non-metalic mineral products	0%
СН		Manufacture of basic metals and fabricated metal products	
	24	Manufacture of basic metals	0%
	25	Manufacture of fabricated metal products	0%
CI		Manufacture of computer, electronic and optical products	0%
CJ		Manufacture of electrical equipment	0%
CK		Manufacture of machinery and equipment	0%
CL		Vehicle construction	
	29	Manufacture of motor vehicles, trailers and semitrailers	0%
	30	Manufacture of other transport equipment	0%
CM		Manufacture of furniture and other goods, repair and installation	
	31-32	Manufacture of furniture, other manufacturing	0%
	33	Repair and installation of machinery	0%
D		Energy supply	100%
E		Water supply, sewerage and waste management	
	36	Water supply	100%
	37–39	Sewerage, waste management and remediation activities	100%
F	0. 00	Construction	0%
G to T		Service sector	0,0
G to I		Trade, transport and accommodation	
G		Wholesale and retail trade, repair of motor vehicles	
0	45	Trade and repair of motor vehicles and motorcycles	
	46	Wholesale trade	50%
	47	Retail trade	50%
Н	41		3070
***	49	Transportation and storage	50%
		Land transport and transport via pipelines	0%
	50	Water transport	
	51	Air transport	0%
	52	Warehousing	50%
	53	Postal and courier activities	50%
		Accommodation and food service activities	0%

JA		Publishing, motion picture and television programme production	
	58	Publishing activities	50%
	59-60	Motion picture, television programme production, programming	50%
JB		Telecommunications	50%
JC		Computer programming, consultancy, and information services	80%
K		Financial and insurance activities	
	64	Financial service activites	50%
	65	Insurance and pension funding	50%
	66	Activities auxiliary to financial services	50%
L		Real estate activities	50%
M to N		Corporate service providers	
М		Professional, scientific and technical activities	
MA		Professional and technical activities	
	69-70	Legal and accounting, consultancy,	50%
	71	Architectural and engineering activities	50%
MB		Scientific research and development	50%
MC		Other professional and technical activities	50%
	73	Advertising and market research	50%
	74-75	Other activities, veterinary activities	50%
N		Administrative and support service activities	
	77	Rental and leasing activities	0%
	78	Employment activities	0%
	79	Travel agency, tour operator and other services	0%
	80-82	Other corporate service providers	0%
O to Q		Public administration, defence, education and health	
0		Public administration, defence, compulsory social security	100%
Р		Education	100%
Q		Human health and social work activities	
QA		Human health activities	100%
QB		Residential care activities and social work activities	100%
R to T		Other service providers	
R		Arts, entertainment and recreation	
	90-92	Arts, culture and gambling and betting activities	0%
	93	Sport activities, amusement and recreation activities	0%
S		Other service activities	
	94	Activities of membership organisations	80%
	95	Repair of computers and household goods	50%
	96	Other personal service activities	50%
Т		Activities of households as employers	50%

Scenario 3

WZ-2008		Industries	GDP during shutdown
A		Agriculture, forestry and fisheries	
	1	Agriculture	100%
	2	Forestry	100%
	3	Fisheries	
B to F		Production Industry	
B to E		Production Industry excluding construction	
В		Mining and quarrying	100%
С		Manufacturing	
CA		Manufacture of food products, beverages and tobacco	100%
СВ		Manufacture of textiles, wearing apparel and leather	20%
CC		Manufacture of wood, paper, printing and reproduction	
	16	Manufacture of wood and of products of wood and cork	80%
	17	Manufacture of paper and paper products	20%
	18	Manufacture of reproduction of recorded media	80%
CD		Manufacture of coke and refined petroleum products	60%
CE		Manufacture of chemical and chemical products	20%
CF		Manufacture of pharmaceutical products	80%
CG		Manufacture of rubber and plastic products and others	
	22	Manufacture of rubber and plastic products	0%
	23	Manufacture of other non-metallic mineral products	60%
СН		Manufacture of basic metals and fabricated metal products	
	24	Manufacture of basic metals	20%
	25	Manufacture of fabricated metal products	20%
CI		Manufacture of computer, electronic and optical products	80%
CJ		Manufacture of electrical equipment	40%
CK		Manufacture of machinery and equipment	20%
CL		Vehicle construction	
	29	Manufacture of motor vehicles, trailers and semitrailers	0%
	30	Manufacture of other transport equipment	80%
CM		Manufacture of furniture and other goods, repair and installation	
	31-32	Manufacture of furniture, other manufacturing	80%
	33	Repair and installation of machinery	0%
D		Energy supply	100%
E		Water supply, sewerage and waste management	
	36	Water supply	100%
	37–39	Sewerage, waste management and remediation activities	60%
F		Construction	80%
G to T		Service sector	
G to I		Trade, transport and accommodation	
G G		Wholesale and retail trade, repair of motor vehicles	
	45	Trade and repair of motor vehicles and motorcycles	0%
	46	Wholesale trade	20%
	47	Retail trade	80%
Н		Transportation and storage	0070
	49	Land transport and transport via pipelines	80%
	50	Water transport	0%
	50	·	U 7U
	51	Airtransport	20%
	52	Warehousing  Postal and courier activities	
	53		0%
1		Accommodation and food service activities	80%

JA		Publishing, motion picture and television programme production	
	58	Publishing activities	80%
	59-60	Motion picture, television programme production, programming	80%
JB		Telecommunications	80%
JC		Computer programming, consultancy, and information services	80%
K		Financial and insurance activities	
	64	Financial service activities	50%
	65	Insurance and pension funding	50%
	66	Activities auxiliary to financial services	50%
L		Real estate activities	80%
M to N		Corporate service providers	
М		Professional, scientific and technical activities	
MA		Professional and technical activities	
	69-70	Legal and accounting, consultancy,	60%
	71	Architectural and engineering activities	60%
MB		Scientific research and development	80%
MC		Other professional and technical activities	50%
	73	Advertising and market research	40%
	74-75	Other activities, veterinary activities	80%
N		Administrative and support service activities	
	77	Rental and leasing activities	0%
	78	Employment activities	0%
	79	Travel agency, tour operator and other	60%
	80-82	Other corporate service providers	80%
O to Q		Public administration, defence, education and health	
0		Public administration, defence, compulsory social security	100%
Р		Education	100%
Q		Human health and social work activities	
QA		Human health activities	100%
QB		Residential care activities and social work activities	100%
R to T		Other service providers	
R		Arts, entertainment and recreation	
	90-92	Arts, culture and gambling and betting activities	0%
	93	Sport activities, amusement and recreation activities	0%
S		Other service activities	
	94	Activities of membership organisations	80%
	95	Repair of computers and household goods	50%
	96	Other personal service activities	50%
T		Activities of households as employers	50%

Post	WZ-2008	Industries	GDP during shut-down and post-shutdown phase					
Applications         Applications         Shattdown         Shattdown         Shattdown         Shattdown         Shattdown         Shattdown         Shattdown         Shattdown         Common to the shatt of the shat			Scenario 4		Scenario 5		Scenario 6	
Bilio   Production Industry   100%	A	Agriculture, forestry and fisheries	Shutdown		Shutdown		Shutdown	
10	1	Agriculture	100%	100%	100%	100%	100%	100%
Big   Production industry   Production	2	Forestry	100%	100%	100%	100%	100%	100%
B	3	Fisheries	100%	100%	100%	100%	100%	100%
B	B to F	Production industry						
C	B to E	Production Industry excluding construction						
CA         Manufacture of food products, beverages and tobacco         100%         100%         100%         100%         20%         90%           CB         Manufacture of sextles, wearing appared and leasther         20%         90%         10%         90%         20%         90%           CC         Manufacture of sextles, wearing appared and peroducts of vood and cork         20%         90%         0%         90%         80%         90%           18         Manufacture of paper and paper products         20%         90%         0%         90%<	В	Mining and quarrying	50%	90%	50%	90%	100%	90%
CC	С	Manufacturing						
CC	CA	Manufacture of food products, beverages and tobacco	100%	100%	100%	100%	100%	100%
16	СВ	Manufacture of textiles, wearing apparel and leather	20%	90%	10%	90%	20%	90%
17	CC	Manufacture of wood, paper, printing and reproduction						
18	16	Manufacture of wood and of products of wood and cork	20%	90%	0%	90%	80%	90%
Manufacture of coke and refined petroleum products   20%   90%   20%   20%   90%   20%   90%   20%   90%	17	Manufacture of paper and paper products	20%	90%	0%	90%	20%	90%
CE         Manufacture of chemical and chemical products         20%         90%         20%         90%         20%         90%         20%         90%         20%         90%         20%         90%         100%         100%         100%         100%         100%         100%         30%         30%         30%         30%         100%         100%         100%         100%         90%         100%         90%         <	18	Manufacture of paper and paper products	20%	90%	0%	90%	80%	90%
CF         Manufacture of pharmaceutical products         100%         100%         100%         100%         90%	CD	Manufacture of coke and refined petroleum products	20%	90%	0%	90%	60%	90%
Manufacture of rubber and plastic products   20%   9	CE	Manufacture of chemical and chemical products	20%	90%	20%	90%	20%	90%
Manufacture of rubber and plastic products   20%   90%   0%   90%   60%   90%   60%   90%   90%   60%   90%   90%   60%   90%   90%   60%   90%   90%   60%   90%   90%   60%   90%   90%   60%   90%   90%   80%   90	CF	Manufacture of pharmaceutical products	100%	100%	100%	100%	80%	100%
Manufacture of other non-metallic mineral products	CG	Manufacture of rubber and plastic products and others						
CH         Manufacture of basic metals and fabricated metal products         20%         390%         0%         390%         20%         390%           25         Manufacture of basic metals         20%         90%         0%         390%         20%         390%           CI         Manufacture of basic metals         20%         90%         0%         390%         20%         390%           CI         Manufacture of electrical equipment         20%         90%         0%         390%         20%         30%         30%         20%         30%         30%         20%         30%         30%         20%         30% </td <td>22</td> <td>Manufacture of rubber and plastic products</td> <td>20%</td> <td>90%</td> <td>0%</td> <td>90%</td> <td>0%</td> <td>90%</td>	22	Manufacture of rubber and plastic products	20%	90%	0%	90%	0%	90%
Manufacture of basic metals	23	Manufacture of other non-metallic mineral products	20%	90%	0%	90%	60%	90%
Manufacture of basic metals	СН	Manufacture of basic metals and fabricated metal products						
CI         Manufacture of computer, electronic and optical products         20%         90%         0%         90%         20%         90%           CJ         Manufacture of electrical equipment         20%         90%         0%         90%         40%         90%           CK         Manufacture of machinery         20%         90%         0%         90%         20%         90%           CL         Vehicle construction         90%         0%         90%         0%         90% <td>24</td> <td>Manufacture of basic metals</td> <td>20%</td> <td>90%</td> <td>0%</td> <td>90%</td> <td>20%</td> <td>90%</td>	24	Manufacture of basic metals	20%	90%	0%	90%	20%	90%
CJ         Manufacture of electrical equipment         20%         90%         0%         90%         40%         90%           CK         Manufacture of machinery         20%         90%         0%         90%         20%         90%           CL         Vehicle construction         Vehicle construction         Vehicle construction         Vehicle construction         Vehicle construction         0%         90%         0%         90% <td>25</td> <td>Manufacture of basic metals</td> <td>20%</td> <td>90%</td> <td>0%</td> <td>90%</td> <td>20%</td> <td>90%</td>	25	Manufacture of basic metals	20%	90%	0%	90%	20%	90%
CK         Manufacture of machinery         20%         90%         0%         90%         20%         90%           CL         Vehicle construction         29         Manufacture of motor vehicles, trailers and semitrailers         20%         90%         90%         90%         90%         90%         90%         9	CI	Manufacture of computer, electronic and optical products	20%	90%	0%	90%	80%	90%
CL         Vehicle construction         29         Manufacture of motor vehicles, trailers and semitrailers         20%         90%         0%         90%	CJ	Manufacture of electrical equipment	20%	90%	0%	90%	40%	90%
Manufacture of motor vehicles, trailers and semitrailers   20%   90%   0%   90%	CK	Manufacture of machinery	20%	90%	0%	90%	20%	90%
Manufacture of other transport equipment   20%   90%   0%   90%   80%   90%   90%   80%   90%   80%   90%   80%   90%   31–32   Manufacture of furniture, other manufacturing   20%   90%   0%   90%   0%   90%	CL	Vehicle construction						
CM         Manufacture of furniture, repairs and installation         20%         90%         0%         90%         80%         90%           31-32         Manufacture of furniture, other manufacturing         20%         90%         0%         90%         0%         90% <td>29</td> <td>Manufacture of motor vehicles, trailers and semitrailers</td> <td>20%</td> <td>90%</td> <td>0%</td> <td>90%</td> <td>0%</td> <td>90%</td>	29	Manufacture of motor vehicles, trailers and semitrailers	20%	90%	0%	90%	0%	90%
Manufacture of furniture, other manufacturing   20%   90%   0%   90%   80%   90%   90%   33   Repair and installation of machinery   20%   90%   90%   0%   90%	30	Manufacture of other transport equipment	20%	90%	0%	90%	80%	90%
Seminary   100%   100	СМ	Manufacture of furniture, repairs and installation						
Energy supply   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   37-39   Sewerage, waste management and remediation activities   100%   100%   100%   100%   100%   100%   60%   100%	31-32	Manufacture of furniture, other manufacturing	20%	90%	0%	90%	80%	90%
Barray   Water supply, sewerage and waste management   100%   1	33	Repair and installation of machinery	20%	90%	0%	90%	0%	90%
36 Water supply 100% 100% 100% 100% 100% 100% 100% 100	D	Energy supply	100%	100%	100%	100%	100%	100%
Sewerage, waste management and remediation activities   100%   100%   100%   100%   100%   60%   100%   1	E	Water supply, sewerage and waste management						
F Construction 50% 90% 0% 90% 80% 90% 6 to T Service Sector G to I Trade, transport and accommodation G Wholesale and retail trade, repair of motor vehicles	36	Water supply	100%	100%	100%	100%	100%	100%
Service Sector   Trade, transport and accommodation   Trade, transport and accommodation   Trade, transport and accommodation   Service Sector   Trade, transport and accommodation   Service Sector   Service S	37-39	Sewerage, waste management and remediation activities	100%	100%	100%	100%	60%	100%
Trade, transport and accommodation   Wholesale and retail trade, repair of motor vehicles   20%   90%   0%   90%   0%   90%   90%   45   Trade and repair of motor verhicles and motorcycles   20%   90%   50%   90%   20%   90%   90%   46   Wholesale trade   50%   90%   50%   90%   80%   90%   90%   47   Retail trade   50%   90%   50%   90%   80%   90%   90%   47   Transportation and storage   49   Land transport and transport via pipelines   50%   90%   50%   90%   80%   90%   50%   90%   50%   90%   90%   50%   90%   50%   90%   50%   90%   50%   90%   50%   50%   50%   50%   50%   50%   50%   50%   50%   50%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%   50%   90%   50%	F	Construction	50%	90%	0%	90%	80%	90%
Wholesale and retail trade, repair of motor vehicles   20%   90%   0%   90%   0%   90%   90%   90%   45   Trade and repair of motor verhicles and motorcycles   20%   90%   50%   90%   20%   90%   90%   46   Wholesale trade   50%   90%   50%   90%   80%   90%   90%   80%   90%   90%   80%   90%   90%   80%   90%   90%   80%   90%   90%   80%   90%   90%   80%   90%   90%   80%   9	G to T	Service Sector						
45 Trade and repair of motor verhicles and motorcycles 20% 90% 0% 90% 0% 90% 0% 90% 46 Wholesale trade 50% 90% 50% 90% 50% 90% 80% 90% 47 Retail trade 50% 90% 50% 90% 50% 90% 80% 90% 47 Transportation and storage 49 Land transport and transport via pipelines 50% 90% 50% 90% 80% 90% 50% 90% 50% 90% 80% 90% 50% 90%	G to I	Trade, transport and accommodation						
46       Wholesale trade       50%       90%       50%       90%       20%       90%         47       Retail trade       50%       90%       50%       90%       80%       90%         H       Transportation and storage       50%       90%       50%       90%       80%       90%         50       Water transport       20%       90%       0%       90%       0%       90%         51       Air transport       20%       50%       0%       50%       0%       50%       90%       50%       90%       50%       90	G	Wholesale and retail trade, repair of motor vehicles						
47 Retail trade 50% 90% 50% 90% 80% 90% 90% H Transportation and storage 50% 90% 50% 90% 80% 90% 50% 90% 80% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 90% 50% 90% 90% 50% 90% 90% 50% 90% 90% 50% 90% 90% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90% 50% 90%	45	Trade and repair of motor verhicles and motorcycles	20%	90%	0%	90%	0%	90%
H Transportation and storage  49 Land transport and transport via pipelines  50% 90% 50% 90% 80% 90%  50 Water transport  20% 90% 0% 90% 0% 90%  51 Air transport  20% 50% 0% 50% 0% 50%  52 Warehousing  50% 90% 50% 90% 50% 90%  50 Postal and courier activities  50% 90% 50% 90% 0% 90%  50% 90%	46	Wholesale trade	50%	90%	50%	90%	20%	90%
49 Land transport and transport via pipelines 50% 90% 50% 90% 80% 90% 50 90% 50% 90%	47	Retail trade	50%	90%	50%	90%	80%	90%
50       Water transport       20%       90%       0%       90%       0%       90%         51       Air transport       20%       50%       0%       50%       0%       50%         52       Warehousing       50%       90%       50%       90%       20%       90%         53       Postal and courier activities       50%       90%       50%       90%       0%       90%	Н	Transportation and storage						
51       Air transport       20%       50%       0%       50%       0%       50%         52       Warehousing       50%       90%       50%       90%       20%       90%         53       Postal and courier activities       50%       90%       50%       90%       0%       90%	49	Land transport and transport via pipelines	50%	90%	50%	90%	80%	90%
51       Air transport       20%       50%       0%       50%       0%       50%         52       Warehousing       50%       90%       50%       90%       20%       90%         53       Postal and courier activities       50%       90%       50%       90%       0%       90%	50	Water transport	20%	90%	0%	90%	0%	90%
53 Postal and courier activities 50% 90% 50% 90% 0% 90%	51	Airtransport	20%	50%	0%	50%	0%	50%
	52	Warehousing	50%	90%	50%	90%	20%	90%
I         Accommodation and food         0%         20%         0%         20%         80%         20%	53	Postal and courier activities	50%	90%	50%	90%	0%	90%
	1	Accommodation and food	0%	20%	0%	20%	80%	20%

J	Information and communication						
JA	Publishing, motion picture and television programme						
58	Publishing activities	80%	90%	50%	90%	80%	90%
59-60	Motion picture, television programme production	80%	90%	50%	90%	80%	90%
JB	Telecommunications	80%	90%	50%	90%	80%	90%
JC	Computer programming, consultancy, and information	80%	90%	80%	90%	80%	90%
K	Financial and insurance activities						
64	Financial service activities	50%	90%	50%	90%	50%	90%
65	Insurance and pension funding	50%	90%	50%	90%	50%	90%
66	Activities auxiliary to financial services	50%	90%	50%	90%	50%	90%
L	Real estate activities	50%	90%	50%	90%	80%	90%
M to N	Corporate service providers						
М	Professional, scientific and technical activities						
MA	Professional and technical activities						
69-70	Legal and accounting, consultancy	80%	90%	50%	90%	60%	90%
71	Architectural and engineering activities	50%	90%	50%	90%	60%	90%
MB	Scientific research and development	50%	90%	50%	90%	80%	90%
MC	Other professional and technical activities	50%	90%	50%	90%	50%	90%
73	Advertising and market research	50%	90%	50%	90%	40%	90%
74-75	Other activities, veterinary activities	80%	90%	50%	90%	80%	90%
N	Administrative and support service activities						
77	Rental and leasing activities	20%	50%	0%	50%	0%	50%
78	Employment activities	20%	90%	0%	90%	0%	90%
79	Travel agency, tour operator and other services	20%	20%	0%	20%	60%	20%
80-82	Other corporate service providers	20%	50%	0%	50%	80%	50%
O to Q	Public administration, defence, education and health						
0	Public administration, defence, compulsory social security	100%	100%	100%	100%	100%	100%
Р	Education	100%	100%	100%	100%	100%	100%
Q	Human health and social work activities						
QA	Human health activities	100%	100%	100%	100%	100%	100%
QB	Residential care and social work activities	100%	100%	100%	100%	100%	100%
R to T	Other service providers						
R	Arts, entertainment and recreation						
90-92	Arts, culture and gambling and betting activities	0%	0%	0%	0%	0%	0%
93	Sport activities, amusement and recreation activities	0%	0%	0%	0%	0%	0%
S	Other service activities						
94	Activities of membership organisations	80%	50%	80%	50%	80%	50%
95	Repair of computers and household goods	50%	50%	50%	50%	50%	50%
96	Other personal service activities	50%	90%	50%	90%	50%	90%
	Activities of households as employers	50%	50%	50%	50%	50%	50%