

Tabelle 4\_1: Wachstum der Beschäftigung in F&E nach Sektoren, Jahr, Beschäftigungskategorie und Geschlecht im Vergleich zur jeweils letzten Erhebungsjahr (in VZÄ)

		Insgesamt			Wissenschaftliches Personal			Höherqualifiziertes nichtwissenschaftliches Personal			Sonstiges Hilfspersonal		
		weiblich	männlich	Summe	weiblich	männlich	Summe	weiblich	männlich	Summe	weiblich	männlich	Summe
Hochschulsektor	1998												
	2002	22%	9%	14%	40%	10%	17%	21%	16%	19%	-3%	-4%	-3%
	2004	21%	13%	16%	30%	14%	19%	5%	9%	6%	20%	7%	16%
	2006	12%	9%	10%	17%	10%	12%	21%	14%	18%	-7%	-5%	-6%
	2007	10%	6%	7%	15%	7%	9%	9%	5%	7%	-2%	-4%	-3%
	2009	13%	9%	11%	16%	9%	11%	13%	7%	11%	4%	9%	5%
	2011	7%	7%	7%	9%	8%	8%	7%	5%	6%	-1%	-7%	-3%
	2013	5%	4%	5%	7%	5%	5%	4%	6%	5%	-1%	-2%	-1%
	2015	6%	4%	5%	10%	4%	6%	3%	4%	3%	-3%	-3%	-3%
	2017	1%	-1%	0%	0%	-2%	-1%	6%	13%	8%	-5%	-2%	-4%
	2019	10%	6%	7%	13%	6%	9%	4%	1%	3%	4%	1%	3%
2021	12%	8%	10%	15%	8%	11%	12%	11%	12%	-4%	-9%	-6%	
Privater gemeinnütziger Sektor	1998												
	2002	46%	60%	53%	69%	63%	65%	42%	78%	52%	13%	13%	13%
	2004	2%	-15%	-7%	16%	-21%	-7%	-20%	31%	-3%	2%	-43%	-9%
	2006	-14%	-35%	-24%	1%	-25%	-13%	-26%	-69%	-46%	-42%	-33%	-41%
	2007	0%	3%	1%	-5%	3%	-1%	27%	22%	26%	-15%	-45%	-21%
	2009	104%	201%	144%	51%	167%	108%	203%	264%	218%	167%	1069%	282%
	2011	10%	-4%	3%	23%	1%	9%	-1%	-34%	-11%	1%	5%	3%
	2013	-4%	-2%	-3%	-7%	2%	-2%	4%	-8%	1%	-13%	-26%	-18%
	2015	35%	20%	28%	58%	19%	34%	18%	42%	23%	-4%	0%	-3%
	2017	13%	18%	16%	13%	12%	13%	-7%	42%	4%	88%	56%	76%
	2019	0%	15%	7%	8%	15%	12%	-16%	26%	-3%	-2%	-8%	-4%
2021	10%	1%	5%	14%	1%	7%	7%	3%	5%	-4%	-4%	-4%	
Sektor Staat	1998												
	2002	-2%	-2%	-2%	10%	2%	5%	3%	8%	5%	-12%	-13%	-13%
	2004	0%	-2%	-1%	4%	3%	3%	-8%	-17%	-13%	0%	-4%	-2%
	2006	19%	19%	19%	41%	26%	31%	11%	28%	19%	2%	1%	2%
	2007	2%	3%	3%	5%	2%	3%	8%	9%	9%	-3%	2%	-1%
	2009	13%	4%	8%	24%	6%	12%	4%	6%	5%	2%	-1%	0%
	2011	2%	-9%	-4%	4%	-7%	-3%	-4%	-16%	-10%	2%	-8%	-3%
	2013	1%	-3%	-1%	7%	2%	4%	10%	-2%	4%	-14%	-15%	-15%
	2015	6%	5%	5%	10%	6%	7%	-6%	16%	4%	5%	-3%	1%
	2017***	72%	119%	97%	80%	147%	118%	120%	131%	125%	23%	14%	19%
	2019	5%	3%	4%	7%	3%	4%	8%	5%	6%	-1%	0%	0%
2021	3%	-2%	0%	4%	-2%	0%	6%	10%	8%	-4%	-15%	-9%	
Unternehmenssektor*	1998												
	2002	32%	31%	31%	61%	34%	37%	51%	28%	32%	-19%	16%	2%
	2004	19%	7%	9%	22%	1%	3%	13%	24%	22%	28%	-8%	4%
	2006	17%	17%	17%	20%	11%	12%	21%	25%	24%	6%	35%	24%
	2007	9%	8%	8%	18%	7%	9%	3%	12%	10%	0%	-1%	0%
	2009	8%	3%	4%	21%	6%	8%	0%	1%	1%	-9%	-13%	-11%
	2011	8%	10%	10%	9%	7%	7%	3%	12%	11%	18%	31%	27%
	2013	7%	11%	10%	14%	11%	11%	5%	13%	12%	-15%	1%	-4%
	2015	8%	9%	9%	7%	9%	8%	15%	11%	11%	0%	2%	1%
	2017	4%	4%	4%	12%	7%	7%	-3%	2%	1%	-13%	-11%	-12%
	2019	12%	12%	12%	13%	13%	13%	14%	10%	11%	-1%	6%	4%
2021	10%	2%	3%	11%	5%	6%	-2%	-5%	-5%	40%	22%	27%	
davon Kooperativer Bereich**	1998												
	2002	35%	32%	32%	114%	80%	84%	70%	-15%	-3%	-7%	-7%	-7%
	2004	18%	17%	17%	34%	21%	23%	20%	16%	17%	2%	-1%	0%
	2006	27%	15%	18%	30%	18%	20%	3%	-10%	-6%	38%	37%	37%
	2007	3%	1%	2%	6%	-2%	-1%	9%	38%	30%	-3%	-17%	-11%
	2009	7%	6%	7%	9%	9%	9%	42%	16%	22%	-14%	-22%	-18%
	2011	16%	18%	17%	26%	21%	22%	6%	9%	8%	10%	14%	12%
	2013	18%	14%	15%	31%	17%	19%	2%	-1%	0%	8%	20%	14%
	2015	8%	10%	10%	6%	8%	7%	10%	28%	23%	10%	-5%	2%
	2017***	-61%	-71%	-69%	-51%	-68%	-65%	-71%	-75%	-74%	-73%	-86%	-80%
	2019	19%	16%	17%	24%	27%	26%	-30%	-33%	-32%	44%	21%	36%
2021	16%	9%	11%	19%	11%	13%	7%	-8%	-4%	11%	13%	12%	
insgesamt	1998												
	2002	23%	24%	24%	45%	26%	29%	35%	27%	29%	-11%	6%	-2%
	2004	18%	8%	10%	24%	4%	8%	8%	22%	18%	19%	-4%	6%
	2006	15%	15%	15%	20%	11%	12%	20%	24%	23%	-1%	21%	10%
	2007	9%	8%	8%	15%	7%	8%	5%	11%	10%	-1%	-1%	-1%
	2009	11%	4%	6%	19%	7%	9%	6%	2%	3%	-1%	-7%	-4%
	2011	7%	9%	8%	9%	7%	7%	4%	11%	10%	7%	18%	13%
	2013	5%	9%	8%	10%	9%	9%	5%	12%	11%	-9%	-1%	-5%
	2015	8%	8%	8%	9%	7%	8%	9%	11%	10%	-1%	0%	0%
	2017	8%	6%	6%	11%	8%	9%	5%	4%	4%	-4%	-7%	-6%
	2019	10%	10%	10%	12%	11%	11%	9%	10%	10%	1%	4%	3%
2021	10%	3%	5%	12%	6%	7%	4%	-4%	-2%	12%	13%	13%	

Quelle: F&E-Erhebungen, Statistik Austria, eigene Berechnungen

\* Der Unternehmenssektor umfasst den kooperativen und den firmeneigenen Bereich

\*\* Der kooperative Bereich ist ein Teilbereich des Unternehmenssektor

\*\*\* Mit dem Erhebungsjahr 2017 wurden die Forschungseinrichtungen Austrian Institute for Technology (AIT) und Joanneum Research nicht mehr dem kooperativen Bereich, sondern dem Sektor Staat zugeordnet.

Tabelle 4\_2: Wachstum der Beschäftigung in F&E nach Sektoren, Jahr, Beschäftigungskategorie und Geschlecht seit 1998 (in VZÄ)

		Insgesamt			Wissenschaftliches Personal			Höherqualifiziertes nichtwissenschaftliches Personal			Sonstiges Hilfspersonal		
		weiblich	männlich	Summe	weiblich	männlich	Summe	weiblich	männlich	Summe	weiblich	männlich	Summe
Hochschulsektor	1998												
	2002	22%	9%	14%	40%	10%	17%	21%	16%	19%	-3%	-4%	-3%
	2004	48%	24%	33%	83%	26%	39%	27%	26%	26%	17%	3%	12%
	2006	66%	35%	46%	114%	38%	56%	53%	43%	49%	9%	-2%	5%
	2007	82%	43%	57%	146%	48%	70%	66%	49%	60%	7%	-6%	3%
	2009	106%	56%	74%	185%	61%	89%	88%	59%	77%	11%	2%	8%
	2011	121%	66%	86%	212%	74%	105%	101%	68%	89%	11%	-5%	5%
	2013	132%	73%	94%	232%	82%	116%	110%	78%	98%	10%	-7%	4%
	2015	146%	80%	104%	265%	90%	129%	115%	85%	104%	7%	-10%	1%
	2017	148%	79%	104%	266%	86%	127%	127%	109%	121%	1%	-11%	-3%
2019	172%	89%	119%	313%	98%	146%	137%	112%	128%	1%	-10%	0%	
2021	205%	103%	140%	375%	114%	173%	165%	136%	155%	5%	-19%	-6%	
Privater gemeinnütziger Sektor	1998												
	2002	46%	60%	53%	69%	63%	65%	42%	78%	52%	13%	13%	13%
	2004	49%	37%	43%	96%	29%	53%	13%	133%	48%	15%	-36%	2%
	2006	28%	-12%	8%	98%	-4%	32%	-16%	-28%	-20%	-33%	-57%	-39%
	2007	28%	-9%	9%	88%	-1%	31%	6%	-13%	1%	-44%	-76%	-52%
	2009	161%	174%	167%	184%	166%	172%	222%	219%	221%	51%	179%	84%
	2011	188%	164%	176%	250%	169%	197%	219%	109%	187%	53%	194%	89%
	2013	176%	158%	167%	224%	174%	192%	231%	92%	190%	33%	116%	55%
	2015	273%	209%	241%	411%	226%	292%	291%	173%	256%	28%	116%	50%
	2017	322%	266%	294%	479%	266%	341%	262%	289%	270%	140%	237%	165%
2019	322%	321%	321%	523%	322%	393%	204%	390%	259%	135%	212%	155%	
2021	362%	326%	344%	609%	327%	427%	225%	406%	278%	125%	200%	144%	
Sektor Staat	1998												
	2002	-2%	-2%	-2%	10%	2%	5%	3%	8%	5%	-12%	-13%	-13%
	2004	-2%	-4%	-3%	14%	5%	8%	-6%	-10%	-8%	-12%	-17%	-14%
	2006	17%	14%	15%	61%	33%	41%	4%	15%	10%	-10%	-16%	-13%
	2007	20%	17%	18%	68%	36%	46%	13%	25%	19%	-13%	-15%	-14%
	2009	35%	22%	27%	108%	44%	63%	17%	33%	25%	-11%	-16%	-13%
	2011	37%	12%	22%	115%	34%	58%	13%	11%	12%	-10%	-22%	-16%
	2013	38%	8%	21%	130%	36%	64%	24%	8%	17%	-22%	-34%	-28%
	2015	46%	14%	27%	152%	43%	76%	17%	26%	22%	-19%	-36%	-28%
	2017***	151%	149%	150%	354%	254%	284%	158%	191%	174%	0%	-27%	-14%
2019	165%	157%	160%	384%	264%	300%	179%	205%	192%	-1%	-27%	-14%	
2021	173%	152%	161%	403%	255%	300%	196%	237%	216%	-5%	-38%	-22%	
Unternehmenssektor	1998												
	2002	32%	31%	31%	61%	34%	37%	51%	28%	32%	-19%	16%	2%
	2004	57%	41%	43%	97%	36%	41%	70%	59%	61%	3%	7%	6%
	2006	85%	65%	67%	135%	51%	58%	106%	98%	99%	9%	45%	31%
	2007	101%	78%	81%	178%	62%	71%	112%	121%	119%	10%	44%	30%
	2009	117%	83%	88%	237%	71%	84%	113%	123%	121%	0%	25%	15%
	2011	136%	102%	107%	268%	82%	97%	119%	151%	146%	18%	64%	46%
	2013	151%	124%	128%	322%	102%	120%	130%	184%	175%	1%	66%	40%
	2015	172%	144%	148%	349%	119%	138%	164%	214%	206%	1%	68%	41%
	2017	182%	153%	157%	401%	134%	156%	155%	221%	210%	-12%	49%	25%
2019	216%	183%	187%	466%	164%	189%	192%	253%	243%	-13%	58%	29%	
2021	246%	189%	197%	529%	179%	207%	186%	235%	227%	21%	93%	64%	
davon Kooperativer Bereich	1998												
	2002	35%	32%	32%	114%	80%	84%	70%	-15%	-3%	-7%	-7%	-7%
	2004	59%	54%	55%	188%	118%	126%	105%	-1%	14%	-5%	-8%	-7%
	2006	101%	77%	82%	274%	157%	171%	112%	-11%	7%	30%	25%	27%
	2007	107%	79%	85%	295%	151%	168%	130%	23%	38%	26%	4%	13%
	2009	123%	91%	98%	332%	174%	193%	226%	43%	69%	9%	-19%	-8%
	2011	159%	125%	132%	444%	232%	257%	247%	55%	82%	20%	-8%	4%
	2013	205%	155%	166%	611%	289%	327%	254%	53%	82%	30%	10%	18%
	2015	228%	181%	191%	654%	319%	359%	289%	96%	123%	42%	5%	20%
	2017***	28%	-19%	-9%	269%	34%	62%	12%	-52%	-43%	-62%	-86%	-76%
2019	53%	-6%	7%	358%	71%	105%	-21%	-68%	-61%	-45%	-83%	-67%	
2021	77%	3%	19%	444%	89%	131%	-16%	-70%	-63%	-39%	-80%	-63%	
insgesamt	1998												
	2002	23%	24%	24%	45%	26%	29%	35%	27%	29%	-11%	6%	-2%
	2004	46%	35%	37%	80%	32%	39%	46%	55%	52%	7%	2%	4%
	2006	67%	55%	58%	116%	46%	56%	75%	91%	87%	6%	23%	15%
	2007	82%	67%	70%	148%	56%	69%	84%	113%	106%	5%	22%	13%
	2009	103%	74%	80%	196%	67%	85%	96%	116%	111%	3%	13%	8%
	2011	118%	89%	95%	222%	78%	98%	104%	141%	132%	11%	34%	22%
	2013	129%	106%	111%	254%	94%	116%	114%	171%	156%	1%	32%	17%
	2015	146%	123%	128%	285%	108%	133%	134%	199%	183%	0%	32%	17%
	2017	165%	136%	143%	328%	125%	154%	146%	211%	195%	-3%	23%	10%
2019	191%	160%	167%	379%	150%	182%	169%	241%	223%	-2%	28%	13%	
2021	220%	168%	179%	437%	164%	202%	179%	228%	215%	9%	45%	27%	

Quelle: F&E-Erhebungen, Statistik Austria, eigene Berechnungen

\* Der Unternehmenssektor umfasst den kooperativen und den firmeneigenen Bereich

\*\* Der kooperative Bereich ist ein Teilbereich des Unternehmenssektor

\*\*\* Mit dem Erhebungsjahr 2017 wurden die Forschungseinrichtungen Austrian Institute for Technology (AIT) und Joanneum Research nicht mehr dem kooperativen Bereich, sondern dem Sektor Staat zugeordnet.