Business Dynamics Statistics

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Any opinions and conclusions expressed herein are those of the authors and do not necessarily represent the views of the U.S. Census Bureau. All results have been reviewed to ensure that no confidential information is disclosed.

Background

- Business dynamics are a fundamental part of
 - Innovation
 - Productivity Growth
 - Job Creation
- Measuring business dynamics in official statistics is relatively new, but critical to our understanding of the economy

Remarks By Federal Reserve Chairman Ben Bernanke

...One leading explanation for the strong U.S. productivity growth is that labor markets in the United States tend to be more flexible and competitive, market characteristics that have allowed the United States to realize greater economic benefits from new technologies. For example, taking full advantage of new information and communication technologies may require extensive reorganization of work practices, the reassignment and retraining of workers, and ultimately some reallocation of labor among firms and industries...

August 31, 2006

Background

- Confidential Micro Datasets RDC Network
- Public Use Datasets a way to open access to wider set of users
 - Census-SUSB
 - BLS-BED
 - OECD-SBS
- None of these incorporate business age in a systematic way.
- Critical to understanding a changing economy
 - Innovation/Life cycle dynamics/Entrepreneurship
 - The role of young/small old/large producers in dynamic economic processes.

The BDS

- New Census public use files (support from Kauffman Foundation)
 - Coverage 1976-2005
 - Private Non Farm Economy, employers
 - Establishment level with firm characteristics
 - Focus on both business and employment dynamics
- Comparison to CBP
 - Value added from links and longitudinal analysis
- Unique Features
 - Long Time Series
 - Incorporates Firm Characteristics
 - Firm age, firm size
 - Interactions of age and size

The BDS

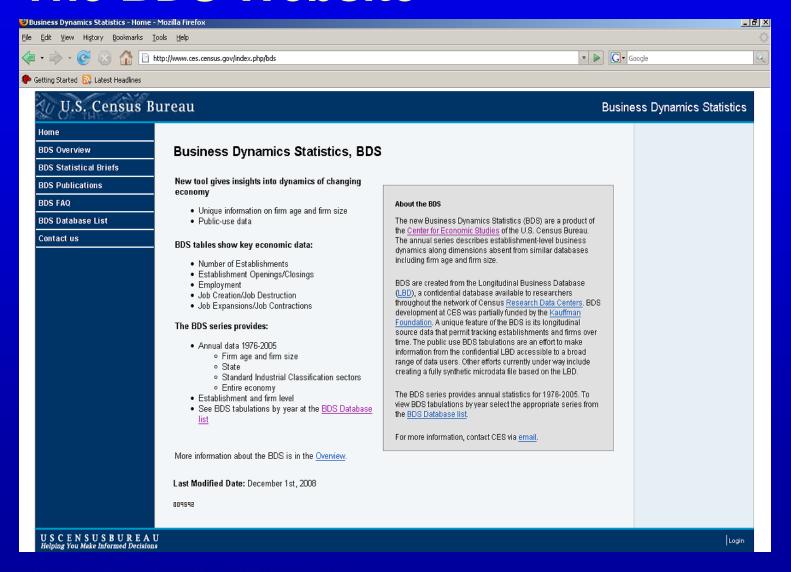
- Statistics
 - Number of Establishment: Births, Deaths and Continuers
 - Job creation
 - From births and expansions
 - Job destruction
 - From deaths and contractions
- By categories
 - Firm Age
 - Firm Size
 - State
 - Industrial Sector
 - State*Sector*Age …

The BDS

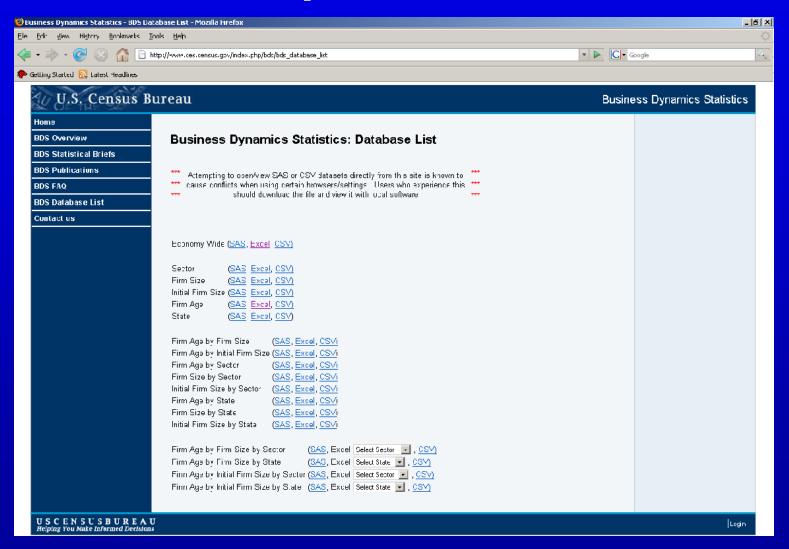
- Other tables planned
 - County (most requested)
 - Metro/Non-Metro
 - NAICS, detail
 - Establishment Age
- Planned Improvements
 - Enterprise counts (Firm survival and growth)

We want feedback as to what is useful to you

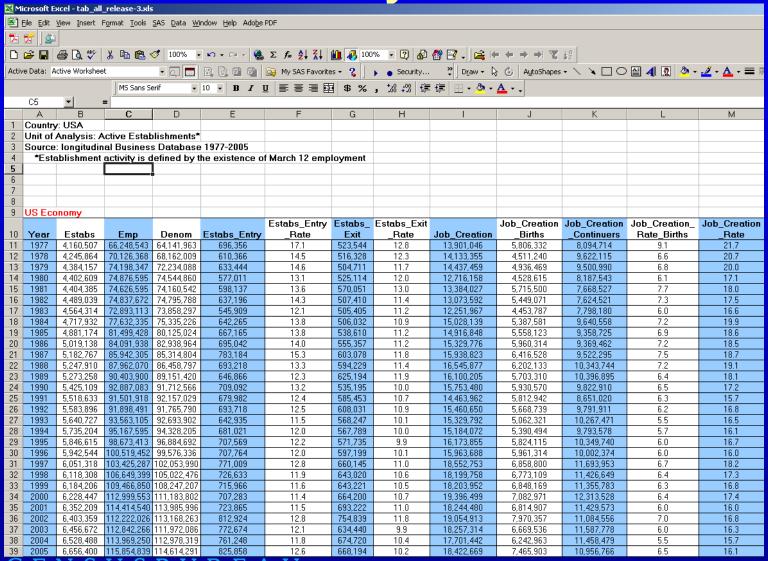
The BDS Website



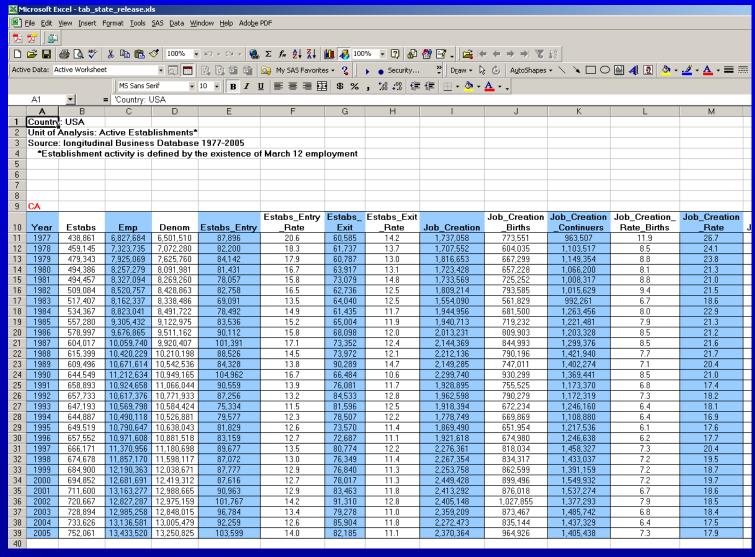
The BDS: Multiple Databases



The BDS: Economy Wide



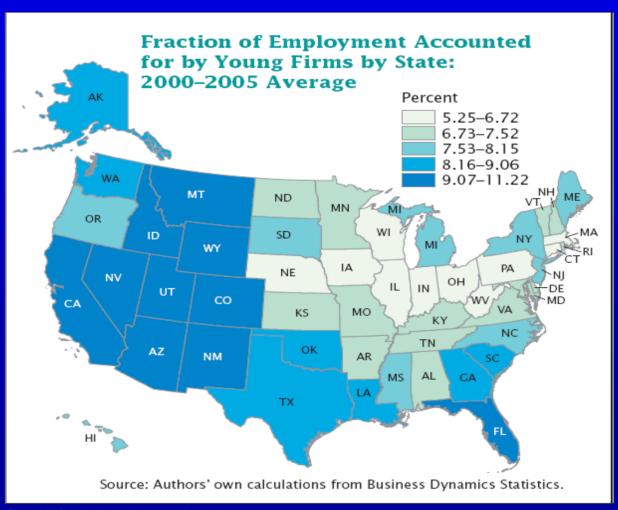
The BDS: State Statistics



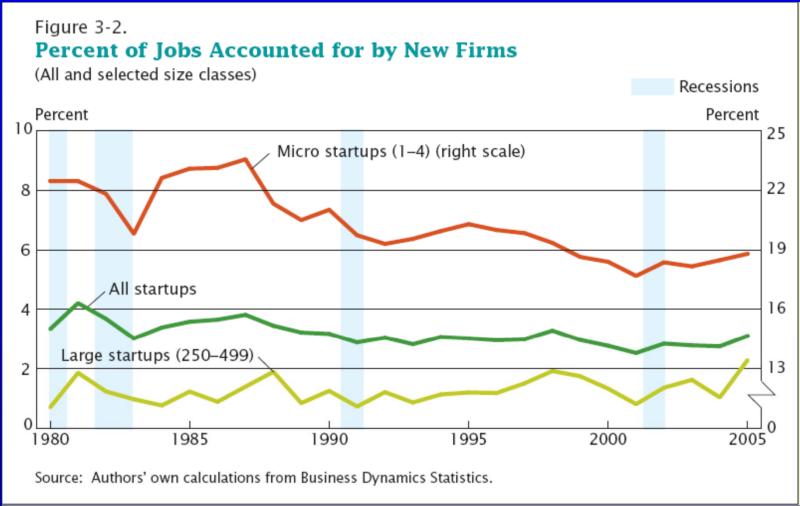
The BDS: Startups and Age

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330		2003			Estabs	Estabs_Entry		Estabs Exit		Job Creation	Job Creation	Job Creation	Job Cre
399	Firm Age	Estabs	Emp	Denom	Entry	_Rate	Estabs_Exit	_Rate	Job_Creation	_Births	_Continuers	_Rate_Births	_Rat
400	a) 0	503,058	3,125,422	1,562,711	503,058	200.0	0	0.0	3,125,422	3,125,422	0	200.0	200.1
401	b) 1	382,026	2,949,635	3,077,114	808	0.2	115,548	26.1	736,322	16,907	719,415	0.5	23.5
402	c) 2	327,917	2,637,265	2,681,665	17,537	5.0	62,890	17.9	585,019	82,117	502,902	3.1	21.8
403	d) 3	297,426	2,612,074	2,659,372	15,669	5.0	49,534	15.7	537,333	80,927	456,406	3.0	20.2
404	e) 4	275,778	2,673,508	2,721,862	13,935	4.8	39,766	13.7	508,980	77,580	431,400	2.9	18.7
405	f) 5	271,566	2,859,165	2,891,262	13,267	4.7	33,890	12.0	522,403	107,008	415,395	3.7	18.1
406	g) 6 to 10	949,763	10,087,778	10,212,113	41,851	4.3	107,030	10.9	1,715,021	326,616	1,388,405	3.2	16.8
407	h) 11 to 15	703,969	9,117,478	9,166,245	28,589	4.0	62,758	8.7	1,387,942	258,523	1,129,419	2.8	15.1
408	i) 16 to 20	607,603	9,873,911	9,887,759	21,959	3.6	41,267	6.7	1,265,112	281,197	983,915	2.8	12.8
409	j) 21 to 25	453,918	8,358,193	8,344,960	15,722	3.4	27,880	6.1	1,032,774	259,192	773,582	3.1	12.4
410	k) 26+	144,461	3,416,141	3,420,248	7,437	5.1	7,705	5.3	464,421	109,433	354,988	3.2	13.6
411	l) Left Censored	1,539,187	55,131,698	55,346,775	92,842	6.0	86,172	5.6	6,376,567	1,944,614	4,431,953	3.5	11.5
412	m) ALL												
	III) ALL	6,456,672	112,842,268	111,972,086	772,674	12.1	634,440	9.9	18,257,316	6,669,536	11,587,780	6.0	16.3
413	III) ALL	2004	112,842,268	111,972,086		•	634,440		18,257,316				
413	,	2004			Estabs_	Estabs_Entry		Estabs_Exit		Job_Creation	Job_Creation	Job_Creation	Job_Cre
413 414	Firm Age	2004 Estabs	Emp	Denom	Estabs_ Entry	Estabs_Entry _Rate	Estabs_Exit	Estabs_Exit _Rate	Job_Creation	Job_Creation _Births	Job_Creation _Continuers	Job_Creation _Rate_Births	Job_Cre _Rat
413 414 415	Firm Age a) 0	2004 Estabs 523,051	Emp 3,126,213	Denom 1,563,107	Estabs_ Entry 520,676	Estabs_Entry _Rate 	Estabs_Exit	Estabs_Exit _Rate	Job_Creation 3,116,725	Job_Creation _Births 3,116,725	Job_Creation _Continuers	Job_Creation _Rate_Births	Job_Cre _Rat 199.
413 414 415 416	Firm Age a) 0 b) 1	2004 Estabs 523,051 382,763	Emp 3,126,213 2,915,049	Denom 1,563,107 3,015,491	Estabs_ Entry 520,676 351	Estabs_Entry _Rate 	Estabs_Exit 0 120,651	Estabs_Exit _Rate 	Job_Creation 3,116,725 772,912	Job_Creation _Births 3,116,725 13,174	Job_Creation _Continuers 0 759,738	Job_Creation _Rate_Births 199.4 0.4	Job_Cre _Rat 199.
414 415 416 417	Firm Age a) 0 b) 1 c) 2	2004 Estabs 523,051 382,763 329,121	Emp 3,126,213 2,915,049 2,810,711	Denom 1,563,107 3,015,491 2,875,162	Estabs_ Entry 520,676 351 12,414	Estabs_Entry _Rate 	Estabs_Exit 0 120,651 67,358	Estabs_Exit _Rate 0.0 	Job_Creation 3,116,725 772,912 579,268	Job_Creation _Births 3,116,725 13,174 66,183	Job_Creation _Continuers 0 759,738 513,085	Job_Creation _Rate_Births 199.4 0.4 2.3	Job_Cre _Rat _199 _25.6
413 414 415 416 417 418	Firm Age a) 0 b) 1 c) 2 d) 3	2004 Estabs 523,051 382,763 329,121 292,757	Emp 3,126,213 2,915,049 2,810,711 2,525,182	Denom 1,563,107 3,015,491 2,875,162 2,569,427	Estabs_ Entry 520,676 351 12,414 13,152	Estabs_Entry _Rate 199.1 0.1 3.5 4.2	Estabs_Exit 0 120,651 67,358 49,447	Estabs_Exit _Rate 0.0 27.2 19.0 15.9	Job_Creation 3,116,725 772,912 579,268 487,201	Job_Creation _Births 3,116,725 13,174 66,183 62,852	Job_Creation _Continuers 0 759,738 513,085 424,349	Job_Creation _Rate_Births 199.4 0.4 2.3 2.4	Job_Cre _Rat _199. _25.6
413 414 415 416 417 418 419	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4	2004 Estabs 523,051 382,763 329,121 292,757 268,819	Emp 3,126,213 2,915,049 2,810,711 2,525,182 2,531,190	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637	Estabs_ Entry 520,676 351 12,414 13,152 11,815	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2	Estabs_Exit 0 120,651 67,358 49,447 41,029	Estabs_Exit _Rate 0.0 27.2 19.0 15.9 14.5	Job_Creation 3,116,725 772,912 579,268 487,201 456,613	Job_Creation _Births 3,116,725 13,174 66,183 62,852 66,172	Job_Creation _Continuers 0 759,738 513,085 424,349 390,441	Job_Creation _Rate_Births 199.4 0.4 2.3 2.4 2.6	Job_Cre _Rat _199. _25.6
413 414 415 416 417 418 419 420	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508	Emp 3,126,213 2,915,049 2,810,711 2,525,182 2,531,190 2,582,334	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2 3.9	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018	Estabs_Exit _Rate 0.0 27.2 19.0 15.9 14.5 13.3	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219	Job_Creation _Births 3,116,725 13,174 66,183 62,882 66,172 58,527	Job_Creation _Continuers 0 759,738 513,085 424,349 390,441 370,692	Job_Creation _Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2	Job_Cre_Rat 199. 25.6 20.1 19.0 17.8
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413 414 415 416 417 418 419 420 421 422	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370	Emp 3.126,213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8,700,135	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186 39,336 24,489	Estabs_Entry _Rate	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302	Estabs_Exit _Rate 0.0 27.2 19.0 15.9 14.5 13.3 11.0 9.1	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806	Job_Creation _Births 	Job_Creation _Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250	Job_Creation _Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2 2.2 2.4 2.6	Job_Cre _Rat 199. 25.6 20.1 19.0 17.8 16.4 15.0
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413 414 415 416 417 418 419 420 421 422 423 424 425	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597 223,199	Emp 3.126,213 2.915,049 2.910,711 2.525,182 2.531,190 2.582,334 10.867,297 8,700,135 10,867,297 8,700,135 10,867,297 4,936,417	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,515,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186 39,336 24,489 20,258 16,902 8,778	Estabs_EntryRate	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001	Estabs_Exit Rate 0.0 27.2 19.0 15.9 14.5 13.3 11.0 9.1 7.1 6.5 5.3	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 966,824 607,839	Job_Creation _Births 3.116,725 13,174 66,183 62,852 66,172 58,527 268,023 227,556 244,359 222,542 178,151	Job_Creation _Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250 950,015 744,282 429,688	Job_CreationRate_Births	Job_Cre _Rat 199. 25.6 20.1 19.0 17.6 16.4 15.0 14.1 11.6 11.7
413 414 415 416 417 418 419 420 421 422 423 424	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597	Emp 3,126,213 2,915,049 2,810,711 2,525,182 2,531,190 2,582,334 10,867,297 8,700,135 10,183,610 8,254,765	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295 10,289,418 8,272,270	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186 39,336 24,489 20,258 16,902	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2 3.9 3.8 3.4 3.2 3.7	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354	Estabs_Exit _Rate 0.0 27.2 19.0 15.9 14.5 13.3 11.0 9.1 7.1 6.5	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 966,824	Job_Creation _Births 3,116,725 13,174 66,183 62,852 66,172 58,527 268,023 227,556 244,359 222,542	Job_Creation_Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250 950,015 744,282	Job_Creation_Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.2 2.4 2.6 2.7	Job_Cre Rat 199. 25.6 20.1 19.0 17.8 15.4 15.0 14.1 11.6
413 414 415 416 417 418 419 420 421 422 423 424 425 426	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597 223,199 1,506,546	Emp 3.126.213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8.700,135 10,183,610 8.254,765 4.936,417 54,536,349	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186 39,336 24,489 20,258 20,258 8,778 82,891	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2 4.2 3.9 3.8 3.4 3.2 3.7 3.9 5.5	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680	Estabs_Exit _Rate 0.0 27.2 19.0 15.9 14.5 13.3 11.0 9.1 7.1 6.5 5.3 6.5	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 607,839 6,206,427	Job_Creation _Births 3.116,725 13,174 66,183 62,852 66,172 58,527 268,023 227,556 244,359 222,542 178,151 1,718,699	Job_Creation Continuers	Job_CreationRate_Births	Job_Cre _Rai _19925.6 _20.1 _19.0 _17.8 _16.4 _15.0 _14.1 _11.6 _11.7 _12.4 _11.4
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597 447,597 1,506,546 6,528,488	Emp 3.126.213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8.700,135 10,183,610 8.254,765 4.936,417 54,536,349	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623	Estabs_ Entry 520,673 351 12,414 13,152 11,815 10,186 24,489 20,258 16,902 8,778 82,891 761,248	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2 4.2 3.9 3.8 3.4 3.2 3.7 3.9 5.5	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680	Estabs_Exit _Rate 0.0 27.2 19.0 15.9 14.5 13.3 11.0 9.1 7.1 6.5 5.3 6.5	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 607,839 6,206,427	Job_Creation _Births 3.116,725 13,174 66,183 62,852 66,172 58,527 288,023 227,556 244,359 222,542 178,151 1,718,699 6,242,963	Job_Creation_Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250 950,015 744,282 429,688 4,487,728 11,458,481	Job_CreationRate_Births	Job_Cre_Rai 199. 25.6 20.1 19.0 17.6 16.4 15.0 14.1 11.6 11.7 12.4 11.4
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597 447,597 1,506,546 6,528,488	Emp 3.126.213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8.700,135 10,183,610 8.254,765 4.936,417 54,536,349	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623	Estabs_ Entry 520,673 351 12,414 13,152 11,815 10,186 24,489 20,258 16,902 8,778 82,891 761,248	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2 3.9 3.8 3.4 3.2 3.7 3.9 5.5 11.8	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680	Estabs_ExitRate	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 607,839 6,206,427	Job_Creation _Births 3.116,725 13,174 66,183 62,852 66,172 58,527 288,023 227,556 244,359 222,542 178,151 1,718,699 6,242,963	Job_Creation_Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250 950,015 744,282 429,688 4,487,728 11,458,481	Job_Creation_Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.4 2.7 3.6 3.2 5.5	Job_Cre_Rai 199. 25.6 20.1 19.0 17.6 16.4 15.0 14.1 11.6 11.7 12.4 11.4
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored m) ALL	2004 Estabs 523,051 382,763 329,121 292,757 292,757 251,508 992,876 691,370 618,881 447,597 223,199 1,506,546 6,528,488 2005	Emp 3.126,213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8,700,135 8,701,35 4,936,417 54,536,349 113,969,252	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,515,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623 112,978,323	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186 39,336 24,489 20,258 16,902 8,778 82,891 761,248	Estabs_Entry _Rate 199.1 0.1 3.5 4.2 4.2 3.9 3.8 3.4 3.2 3.7 3.9 5.5 11.8 Estabs_Entry	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680 674,720	Estabs_Exit _Rate _0.0 _27.2 _19.0 _15.9 _14.5 _13.3 _11.0 _9.1 _7.1 _6.5 _5.3 _6.5 _10.4 Estabs_Exit	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 966,824 607,839 6,206,427 17,701,444	Job_Creation _Births 3.116,725 13,174 66,183 62,852 66,172 58,527 268,023 227,556 2244,359 222,542 179,151 1,718,699 6,242,963 Job_Creation	Job_CreationContinuers	Job_Creation _Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.4 2.7 3.6 3.2 5.5 Job_Creation	Job_Cre _Rai _19925.6 _20.1 _19.0 _17.6 _16.4 _15.0 _14.1 _11.6 _11.7 _12.4 _15.7
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored m) ALL Firm Age	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597 223,199 1,506,546 6,528,488 2005 Estabs	Emp 3.126,213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8,700,135 10,183,610 8,254,765 4,936,417 54,536,349 113,969,252 Emp	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623 112,978,323	Estabs_ Entry 520,676 351 12,414 13,152 11,815 39,336 24,489 20,258 16,902 8,778 82,891 761,248 Estabs_ Entry	Estabs_Entry _Rate	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680 674,720 Estabs_Exit	Estabs_Exit _Rate _0.0 _27.2 _19.0 _15.9 _14.5 _13.3 _11.0 _9.1 _7.1 _6.5 _5.3 _6.5 _10.4 Estabs_Exit _Rate	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,134,374 966,824 607,839 6,206,427 17,701,444 Job_Creation	Job_Creation _Births 3.116.725 13.174 66.183 62.852 66.172 58.527 268.023 227.556 244.359 222.542 178.151 1,718.699 6.242.963 Job_Creation _Births	Job_Creation _Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250 950,015 744,282 429,688 4,487,728 11,458,481 Job_Creation _Continuers	Job_Creation_Rate_Births 1994 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.4 2.6 3.2 3.6 3.2 5.5 Job_Creation_Rate_Births	Job_Cre _Rai 199. 25.6 20.1 19.0 17.6 16.4 15.0 14.1 11.6 11.7 12.4 11.4 15.7 Job_Cre _Rai _200.1 25.6
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored m) ALL Firm Age a) 0	2004 Estabs 523.051 382,763 329,121 292,757 292,757 688,19 251,508 992,876 691,370 618,881 447,597 223,199 1,506,546 6,528,488 2005 Estabs 547,46 399,860 332,331	Emp 3.126,213 2,915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8.700,135 10,183,610 8.254,765 4,936,417 54,536,349 113,969,252 Emp 3.569,440	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,996,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623 112,978,323 Denom 1,784,720	Estabs_ Entry 520,676 351 12,414 13,152 11,815 39,336 24,489 20,258 16,902 8,778 82,891 761,248 Estabs_ Entry 547,746	Estabs_EntryRate 199.1 0.1 3.5 4.2 3.9 3.8 3.4 3.2 3.7 3.9 5.5 11.8 Estabs_EntryRate 200.0 0.1 4.9	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680 674,720 Estabs_Exit 0	Estabs_ExitRate	Job_Creation 3.116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 966,824 607,839 6,206,427 17,701,444 Job_Creation 3,569,440	Job_Creation _Births 3.116,725 13,174 66,183 62,852 66,172 58,527 268,023 227,556 244,359 222,542 178,151 1,718,699 6,242,963 Job_Creation _Births 3,569,440	Job_Creation _Continuers 0 759,738 513,085 424,349 390,441 370,692 1,379,213 1,009,250 950,015 744,282 429,688 4,487,728 11,458,481 Job_Creation _Continuers 0	Job_Creation_Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.7 3.6 3.2 5.5 Job_Creation_Rate_Births 200.0 0.3 3.0	Job_CreRat
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 431 432 433	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored m) ALL Firm Age a) 0 b) 1	2004 Estabs 523,051 382,763 329,121 292,757 268,819 251,508 992,876 691,370 618,881 447,597 251,506,546 6,528,488 2005 Estabs 547,746 399,860	Emp 3.126,213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10.867,297 8.700,135 10,183,610 8.254,765 4.936,417 54,536,349 113,969,252 Emp 3.569,440 2.900,982	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,515,068 10,396,424 8,757,295 10,289,418 8,272,270 4,272,401 54,544,623 112,978,323 Denom 1,784,720 2,995,393	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,185 24,489 20,258 16,902 82,891 761,248 Estabs_ Entry 547,746 314	Estabs_EntryRate	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 29,354 12,001 97,680 674,720 Estabs_Exit 0 123,245	Estabs_ExitRate	Job_Creation 3,116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,194,374 966,824 607,839 6,206,427 17,701,444 Job_Creation 3,569,440 773,088	Job_Creation _Births 3.116.725 13.174 66.183 62.852 66.172 58.527 268.023 227.556 244.359 222.542 179.151 1.718.699 6.242.963 Job_Creation _Births 3.569,440 9.525	Job_Creation _Continuers 0 159.738 513.085 424.349 390.441 390.441 1,009.250 950.015 744.282 429.688 4.487.728 11.458.481 Job_Creation _Continuers 0 763,563	Job_Creation _Rate_Births 1994 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.4 2.7 3.6 3.2 5.5 Job_Creation _Rate_Births 200.0 0.3 3.0 3.1	Job_Cre _Rai
413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 431	Firm Age a) 0 b) 1 c) 2 d) 3 e) 4 f) 5 g) 6 to 10 h) 11 to 15 i) 16 to 20 j) 21 to 25 k) 26+ l) Left Censored m) ALL Firm Age a) 0 b) 1 c) 2	2004 Estabs 523.051 382,763 329,121 292,757 292,757 688,19 251,508 992,876 691,370 618,881 447,597 223,199 1,506,546 6,528,488 2005 Estabs 547,46 399,860 332,331	Emp 3.126,213 2.915,049 2.810,711 2.525,182 2.531,190 2.582,334 10,867,297 8,700,135 10,183,610 8.254,765 4.936,417 54,536,349 113,969,252 Emp 3.569,440 2.900,982 2.673,549	Denom 1,563,107 3,015,491 2,875,162 2,569,427 2,558,637 2,615,068 10,396,424 8,757,295 10,289,418 8,272,270 4,921,401 54,544,623 112,978,323 Denom 1,784,720 2,995,333 2,765,074	Estabs_ Entry 520,676 351 12,414 13,152 11,815 10,186 39,336 24,489 20,258 8,778 82,891 761,248 Estabs_ Entry 547,746 314 17,487	Estabs_EntryRate 199.1 0.1 3.5 4.2 3.9 3.8 3.4 3.2 3.7 3.9 5.5 11.8 Estabs_EntryRate 200.0 0.1 4.9	Estabs_Exit 0 120,651 67,358 49,447 41,029 35,018 113,232 64,302 44,648 29,354 12,001 97,680 674,720 Estabs_Exit 0 123,245 67,585	Estabs_ExitRate	Job_Creation 3.116,725 772,912 579,268 487,201 456,613 429,219 1,647,236 1,236,806 1,236,806 1,34,374 966,824 607,839 6,206,427 17,701,444 Job_Creation 3,569,440 773,088 573,427	Job_Creation _Births 3.116,725 13.174 66.183 62.852 66.172 58.527 288.023 227.556 227.558 222.542 178.151 1.718.689 6.242.963 Job_Creation _Births 3.569,440 9.525 83,713	Job_Creation _Continuers 0 759,738 513,085 424,349 330,441 370,692 1,379,213 1,009,250 950,015 744,282 429,688 4,487,728 11,458,481 Job_Creation _Continuers 0 763,563 489,714	Job_Creation_Rate_Births 199.4 0.4 2.3 2.4 2.6 2.2 2.4 2.6 2.7 3.6 3.2 5.5 Job_Creation_Rate_Births 200.0 0.3 3.0	Job_CreRat

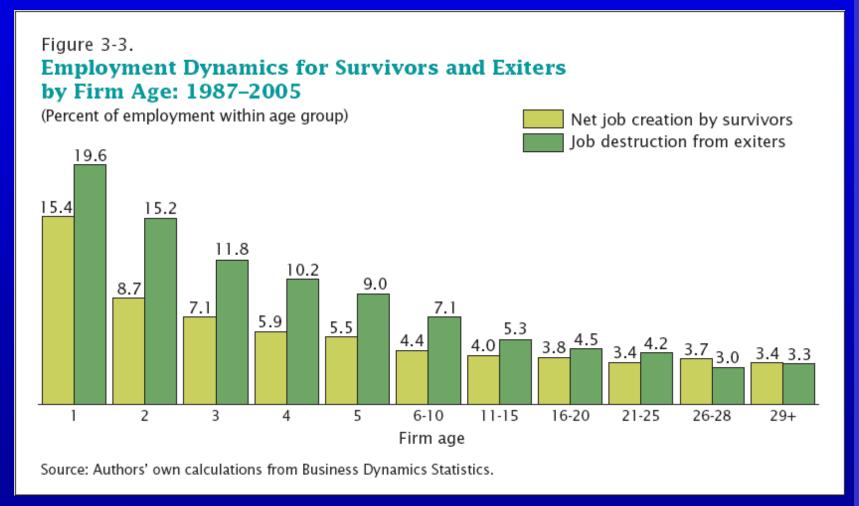
The BDS: Entrepreneurial Activity Across States



The BDS: Jobs Created from Business Startups in the U.S.



The BDS: High Growth and Failure of Young Firms



Summary

- New research data set
- Easily accessible
- Rich source of information to examine
 - Business demography
 - Creative destruction/innovation
 - Business cycle dynamics
 - Role of cohorts, young/small vs large/old
 - Labor market dynamics
 - Geographic variation

Future Directions

- Extensions
 - County and NAICS
- Synthetic products
 - avoid disclosure problems
- Early indicators of activity and preliminary releases

Future Directions

- Enterprise Dynamics Statistics
 - Captures rich life dynamics of firms
 - M&A activity including acquisitions, divestitures,
 - Organic growth including greenfield entry, exit
 - Additional information including
 - Trade status
 - Importer, Export...
 - Patent holder...
 - Owner characteristics